# THE ROAD LOCOMOTIVE SOCIETY

# TR 3RLS

Clayton & Shuttlworth engine photographs; 15 bound volumes of prints

List compiled by Road Locomotive Society volunteers

The physical extent of the collection is 15 volumes.

TR 3RLS PH Photographic Records

TR 3RLS PH2 Compilations of prints

TR 3RLS	Clayton & Shuttleworth Album no, 185C-313A
PH2/1/1-63	

1 vol

**TR 3RLS**Clayton & Shuttleworth album page 1, plate 185C, Large twin**PH2/1/1**cylinder portable engine

1 page

**TR 3RLS**Clayton & Shuttleworth album page 2, plate 198A, Export**PH2/1/2**traction engine twin cylinder worm and quadrant steering

TR 3RLS PH2/1/3	Clayton & Shuttleworth album page 5, plate 178B, Stationary loco type boiler connected to twin cylinder horizontal stationary engine on test
	1 page
TR 3RLS PH2/1/4	Clayton & Shuttleworth album page 6, plate 4988, Undertype stationary engine, loco type boiler, outside valves, twin cylinder
	1 page
TR 3RLS PH2/1/5	Clayton & Shuttleworth album page 7, plate 207A, Undertype stationary engine, loco type boiler, twin cylinder engine, inside valves
	1 page
TR 3RLS PH2/1/6	Clayton & Shuttleworth album page 8, Single cylinder portable engine with girder mounted dynamo bracket and dynamo. Near side view
	1 page
TR 3RLS PH2/1/7	Clayton & Shuttleworth album page 9, single cylinder portable engine with girder mounted dynamo bracket showing regulator handle and injector

TR 3RLS PH2/1/8	Clayton & Shuttleworth album page 10, plate 218B, single cylinder export traction engine dated 14.7.1889 No. 25200?
	1 page
TR 3RLS PH2/1/9	Clayton & Shuttleworth album page 11, plate 212A, portable engine pump side export engine possibly 5 or 6hp with water spark cooler
	1 page
TR 3RLS PH2/1/10	Clayton & Shuttleworth album page 12, plate 221A, Large possibly 40hp compound portable with outside valves
	1 page
TR 3RLS PH2/1/11	Clayton & Shuttleworth album page 13, plate 223A, Twin cylinder traction engine, quadrant steering, export model
	1 page
TR 3RLS PH2/1/12	Clayton & Shuttleworth album page 14, Stationary bed engine, single cylinder, driving air pump through tail rod
	1 page
TR 3RLS PH2/1/13	Clayton & Shuttleworth album page 15, plate 236B, single cylinder portable engine no. 25618

TR 3RLS PH2/1/14	Clayton & Shuttleworth album page 16, plate 237A, portable undertype compound engine with loco type boiler, inside valves on low pressure side, outside valve on high pressure side. No flywheel fitted. 12.9.1890
	1 page
TR 3RLS PH2/1/15	Clayton & Shuttleworth album page 17, plate 237B, portable undertype compound engine with loco type boiler, with inside valves on low pressure side, outside valve on high pressure cylinder. Shows regulator lever
	1 page
TR 3RLS PH2/1/16	Clayton & Shuttleworth album page 18, plate 239B, stationary compound bed engine driving air pump through tail rod No. 25823
	1 page
TR 3RLS PH2/1/17	Clayton & Shuttleworth album page 19, plate 239A, stationary compound bed engine driving air pump through tail rod. 3/4 rear view showing inside valve for low pressure cylinder and outside valve for high pressure No. 25328
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TR 3RLS PH2/1/18	Clayton & Shuttleworth album page 20, compound stationary engine showing 3/4 rear view dated 22.11.1890 No. 26200

TR 3RLS PH2/1/19	Clayton & Shuttleworth album page 21, compound stationary engine. 3/4 front view showing pump No. 26200
TR 3RLS PH2/1/20	1 page Clayton & Shuttleworth album page 22, plate 244D, Large compound portable with tail rods and external valves 1890. Pump Side 3/4, rear view
	1 page
TR 3RLS PH2/1/21	Clayton & Shuttleworth album page 23, plate 244B, Large compound portable with tail rods and external valves 1890. Injector Side
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TR 3RLS PH2/1/22	Clayton & Shuttleworth album page 24, plate 244?, Large compound portable with tail rods and external valve. 3/4 view. Near side
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TR 3RLS PH2/1/23	Clayton & Shuttleworth album page 25, plate 244?, Large compound portable with tail rods and external valve 3/4 view Offside view.
	1 page
TR 3RLS PH2/1/24	Clayton & Shuttleworth album page 26, plate 248A, Single cylinder stationary bed engine with disc crank, tail rod operating air pump. 3/4 rear view 24.4.1891 No. 26440

TR 3RLS	Clayton & Shuttleworth album page 27, plate 248B, Single
PH2/1/25	cylinder stationary bed engine disc crank, tail rod operating an air pump. 3/4 front view showing boiler feed pump No.
	26440

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TR 3RLS	Clayton & Shuttleworth album page 28, plate 248c, Single
PH2/1/26	cylinder stationary bed engine disc crank, tail rod operating
	air pump showing outrigger bearing for crankshaft No. 26440

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TR 3RLS	Clayton & Shuttleworth album page 29, plate 253, Pair corn
PH2/1/27	grinding mill 19.1.1892

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TR 3RLS	Clayton & Shuttleworth album page 30, plate 251A, Single
PH2/1/28	cylinder traction engine. Offside view. Quadrant Steering for
	Export 19.11.1891

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TR 3RLSClayton & Shuttleworth album page 31, plate 251B, Single<br/>cylinder traction engine. Near side view for Export. Quadrant<br/>Steering

TR 3RLS PH2/1/30	Clayton & Shuttleworth album page 32, plate 258A, Semi portable engine. Pump Side. Single Cylinder fitted with vacuum pump 2.3.1892
	1 page
TR 3RLS PH2/1/31	Clayton & Shuttleworth album page 33, plate 258B, Semi portable engine. Flywheel Side. Single Cylinder fitted with vacuum pump showing feed water heater and vacuum gauge
	1 page
TR 3RLS PH2/1/32	Clayton & Shuttleworth album page 34, plate 267, Single cylinder slide valve traction engine. Nearside View. Chain steering 24.8.1892
	1 page
TR 3RLS PH2/1/33	Clayton & Shuttleworth album page 35, plate 232, Single corn mill
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TR 3RLS PH2/1/34	Clayton & Shuttleworth album page 36, plate 268, Single cylinder portable engine. Flywheel Side. 3/4 rear view 11.11.1892
	1 page
TR 3RLS PH2/1/35	Clayton & Shuttleworth album page 37, plate 268A, Single cylinder portable engine pump. Side 3/4 rear view 11.11.1892

TR 3RLSClayton & Shuttleworth album page 38, plate 269A, Single<br/>cylinder portable engine. Flywheel side. Painted and lined<br/>and showing transfer of Company medals possibly for<br/>exhibition 1.2.1893

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TR 3RLSClayton & Shuttleworth album page 39, plate 270, Stationary<br/>engine with outrigger bearing, slide valve, tail road and loco<br/>type boiler 1.2.1893

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TR 3RLS	Clayton & Shuttleworth album page 40, plate 272, Single
PH2/1/38	cylinder portable engine oil fired. Rear View 7.3.1893

# 1 page

TR 3RLSClayton & Shuttleworth album page 41, plate 275C, Footplate<br/>of traction engine showing feed water pump, pressure gauge,<br/>water gauge and piping to injector and water lift. Hand Brake<br/>on left hand side

1 page

TR 3RLSClayton & Shuttleworth album page 42, plate 275A,PH2/1/40Compound traction engine. Outside valve, chain steering,<br/>axle set back under boiler, for export. Near Side view<br/>23.5.1893

TR 3RLS PH2/1/41	Clayton & Shuttleworth album page 43, plate 275B, Compound Traction Engine. Outside valve, chain steering, axle set back under boiler, for export. Offside view
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TR 3RLS PH2/1/42	Clayton & Shuttleworth album page 44, plate 274B, Stationary gas engine 23.5.1893
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TR 3RLS PH2/1/43	Clayton & Shuttleworth album page 45, plate 274A, Stationary gas engine 23.5.1893 showing valve mechanism and flywheel
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TR 3RLS PH2/1/44	Clayton & Shuttleworth album page 46, plate 278B, Single cylinder portable engine. 3/4 front view pump side
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TR 3RLS PH2/1/46	Clayton & Shuttleworth album page 48, plate 282A, Traction engine. Offside view. Chain driven, straw burning for Export

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TR 3RLS PH2/1/47	Clayton & Shuttleworth album page 49, plate 282B, Traction engine .Near side view. Chain driven. Strawburning for Export
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TR 3RLS PH2/1/48	Clayton & Shuttleworth album page 50, plate 290, Undertype stationary engine with reversing gear 19.3.1894
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TR 3RLS PH2/1/49	Clayton & Shuttleworth album page 51, plate 289, Single corn mill for export 19.3.1894
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TR 3RLS PH2/1/50	Clayton & Shuttleworth album page 52, plate 293, Compound bed engine with reversing gear, air pump on tail shaft and outrigger bearing 24.4.94
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TR 3RLS PH2/1/51	Clayton & Shuttleworth album page 53, Single cylinder straw burning traction engine. Near Side 3/4 rear view
	1 page
TR 3RLS PH2/1/52	Clayton & Shuttleworth album page 53, Single cylinder straw burning traction engine. Offside 3/4 View

Clayton & Shuttleworth album page 54, plate 297B, Single cylinder bed engine with out rigger bearings flywheel side
 18.8.1894

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TR 3RLSClayton & Shuttleworth album page 55, plate 297A, SinglePH2/1/54cylinder bed engine with out rigger bearings. Pump side18.8.1894

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TR 3RLS	Clayton & Shuttleworth album page 56, plate 302B, Single
PH2/1/55	cylinder hot bulb oil engine 30.10.1894

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TR 3RLS	Clayton & Shuttleworth album page 57, plate 302A, Single
PH2/1/56	cylinder hot bulb oil engine 30.10.1894

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TR 3RLS	Clayton & Shuttleworth album page 58, Twin cylinder portable
PH2/1/57	engine painted and lined pump side

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# **TR 3RLS**Clayton & Shuttleworth album page 59, plate 310A, Portable**PH2/1/58**engine single cylinder. 3/4 rear view

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TR 3RLS PH2/1/59	Clayton & Shuttleworth album page 60, plate 311B, Undertype engine pump side 7.6.1895
TR 3RLS PH2/1/60	1 page Clayton & Shuttleworth album page 61, plate 312B, Single cylinder undertype with out rigger bearings flywheel side for Howard Farrar & Co. Port Elizabeth & East London 1.7.95
TR 3RLS PH2/1/61	1 page Clayton & Shuttleworth album page 62, plate 313A, Portable oil engine 1st design 4.6.1895
TR 3RLS PH2/1/62	1 page Clayton & Shuttleworth album page 63, plate 313B, Portable oil engine 2nd design 19.8.1895
TR 3RLS PH2/1/63	1 page Clayton & Shuttleworth album page 64, Ransomes Sims & Jefferies Home Market Single Cylinder
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TR 3RLS Clayton & Shuttleworth Album no 2 PH2/2/1-69

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TR 3RLS	Clayton & Shuttleworth album page 1, plate 1573b, Four
PH2/2/1	wheeled wagon No. 48468 for C. G. Smith & Sons of Louth

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TR 3RLSClayton & Shuttleworth album page 2, plate 1574a, 3 WagonsPH2/2/2built for Embarkation Commandant, Maeiked Engr Base,<br/>Eraeik, Lahore, Karachi June 1920June 1920

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PH2/2/3	showing rear sprinklers in operation for above side view

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TR 3RLS	Clayton & Shuttleworth album page 4, plate 1574d, Wagon
PH2/2/4	showing rear sprinklers in operation for above rear view June
	1920
	June 1920

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TR 3RLSClayton & Shuttleworth album page 5, plate 1575a, WagonPH2/2/548484 Reg. No. FE 3241 built for McBride & Gray Ltd<br/>Contractors Glasgow, Port Glasgow

TR 3RLS PH2/2/6	Clayton & Shuttleworth album page 6, plate 1575B, Wagon 48484 Reg. No. 3241 built for McBride & Gray Ltd Contractors Glasgow, Port Glasgow showing wagon body tipped
	1 page
TR 3RLS PH2/2/7	Clayton & Shuttleworth album page 7, plate cw/21, Wagon 48482 Reg. No. FE 3254 and trailer 18 Jun 1920 for Bradford Over Transport June 1920
	1 page
TR 3RLS PH2/2/8	Clayton & Shuttleworth album page 8, plate T/1, Wagon No. T1007 Reg. No. FE 3637 23 Jul 1920 for The Upper Nithsdale Dairy Farms Assn. Ltd with covered tilt 23 July 1920
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TR 3RLS PH2/2/9	Clayton & Shuttleworth album page 9, plateT/2, Wagon No. T1007 Reg. No. 3637 23 Jul 1920 for The Upper Nithsdale Dairy Farms Assn. Ltd July 1920
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TR 3RLS PH2/2/10	Clayton & Shuttleworth album page 10, plate T/3, Brewery Wagon No. T1004 Reg. No. 3596 for Soames & Co. Ltd. Spalding Aug 1920 August 1920
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TR 3RLS PH2/2/11	Clayton & Shuttleworth album page 11, plate T/4, Brewery Wagon No. T1004 Reg. No. 3596 for Soames & Co. Ltd. Spalding Aug 1920 August 1920

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TR 3RLS PH2/2/12	Clayton & Shuttleworth album page 12, plate T/5, Crankshaft showing piston rods, pistons, cross heads and piston valves
	1 page
TR 3RLS PH2/2/13	Clayton & Shuttleworth album page 13, plate T/6, Rear axle for wagon
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TR 3RLS PH2/2/14	Clayton & Shuttleworth album page 14, plate T/7, Boiler and hornplates
	1 page
TR 3RLS PH2/2/15	Clayton & Shuttleworth album page 15, plate T/8, Boiler, cylinder block, motion and gearing for wagon
	1 page
TR 3RLS PH2/2/16	Clayton & Shuttleworth album page 16, plate T/9, Wagon chassis
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TR 3RLS PH2/2/17	Clayton & Shuttleworth album page 17, plate T/10, Boiler, motion and steering nearside

TR 3RLS PH2/2/18	Clayton & Shuttleworth album page 18, plate T/11, Side view of rear axle and braking mechanism
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TR 3RLS PH2/2/19	Clayton & Shuttleworth album page 19, plate T/12, Front axle and wheels
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TR 3RLS PH2/2/20	Clayton & Shuttleworth album page 20, plate T/13, Overhead view of motion
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TR 3RLS PH2/2/21	Clayton & Shuttleworth album page 21, plate T/14, View of spectacle plate and backhead showing steering and gearing
	1 page
TR 3RLS PH2/2/22	Clayton & Shuttleworth album page 22, plate T/15, 3/4 front view showing smokebox and motion and front axle bearing surface
	1 page
TR 3RLS PH2/2/23	Clayton & Shuttleworth album page 23, plate T/16, Wagon No. T1026 Reg. No. 3675 11 Aug 1920 built for Port William Dairy Farmers Assn Ltd. Airlour Creamery, Port William August 1920

TR 3RLS PH2/2/24	Clayton & Shuttleworth album page 24, plate T/17, Top flange of boiler for wagon 11 Aug 1920 showing arrangement of tubes August 1920
	August 1920

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TR 3RLS	Clayton & Shuttleworth album page 25, plate T/18, Inner and
PH2/2/25	outer firebox for wagon 11 Aug 1920
	August 1920

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TR 3RLSClayton & Shuttleworth album page 26, plate T/19, Placing<br/>outer firebox over inner box for wagon 11 Aug 1920<br/>August 1920

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TR 3RLSClayton & Shuttleworth album page 27, plate T/20, WagonPH2/2/27crankshaft 8 Sep 1920September 1920

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TR 3RLSClayton & Shuttleworth album page 28, plate T/21, WagonPH2/2/28No. T1015 with trailer built for T. W. Robinson, Contract, 12Blackwall Lane, Greenwich S.E. 10 Reg. No. FE 3792 15thSep 1920September 1920

TR 3RLS PH2/2/29	Clayton & Shuttleworth album page 29, plate T/22,Wagon 20 Sep 1920 3/4 front view September 1920
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TR 3RLS PH2/2/31	Clayton & Shuttleworth album page 31, plate T/24, Wagon 20 Sep 1920 Near Side view September 1920
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TR 3RLS PH2/2/32	Clayton & Shuttleworth album page 32, plate T/25, Wagon working in India
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TR 3RLS PH2/2/33	Clayton & Shuttleworth album page 33, plate T/26, Wagon working in India
	1 2000
TR 3RLS	1 page Clayton & Shuttleworth album page 34, plate T/27, Wagon
PH2/2/34	working in India

TR 3RLSClayton & Shuttleworth album page 35, plate T/28, SevenPH2/2/35wagons at Abbey Works

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TR 3RLSClayton & Shuttleworth album page 36, plate T/29, WagonPH2/2/36No. 1040 Reg. No. FE 3879

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TR 3RLSClayton & Shuttleworth album page 37, plate T/30, WagonPH2/2/37No. T1040 Reg. No. FE 3879 built for London CouncilTramways, 28 Belverde Road, S.E.1 25 Oct 1920October 1920

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TR 3RLSClayton & Shuttleworth album page 38, plate T/31,Two<br/>wagons Nos. T1016 (left) Reg. No. FE 3880 and T1040 Reg.<br/>No. FE 3879 both London County Council 25 Oct 1920<br/>October 1920

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TR 3RLSClayton & Shuttleworth album page 39, plate T/32, WagonPH2/2/39T1025 Reg. No. HK 9433 built for Essex County Council 5Nov 1920November 1920

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TR 3RLSClayton & Shuttleworth album page 40, plate T/33, SidePH2/2/40tipping Wagon T1025 3/4 side rear Reg. No. HK 9433 viewwith body tipped 5 Nov 1920November 1920

Clayton & Shuttleworth album page 41, plate T/34, Wagon
No. T1054 Reg. No. FE 3929 built for Barnes Chaplin & Co.
Cardiff side view with body tipped 12 Nov 1920
November 1920

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TR 3RLSClayton & Shuttleworth album page 42, plate T/35, WagonPH2/2/42No. T1077 built for Hendon Urban District Council 17 Dec1920 side viewDecember 1920

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TR 3RLSClayton & Shuttleworth album page 43, plate T/36, WagonPH2/2/43No. T1077 Reg. No. FE 3971 built for Hendon Urban District<br/>Council 17 Dec 1920 side view body tipped<br/>December 1920

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TR 3RLSClayton & Shuttleworth album page 44, plate T/37, TippingPH2/2/44gear on 5 ton wagon 17 Dec 1920December 1920

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TR 3RLSClayton & Shuttleworth album page 45, plate T/38, WagonPH2/2/45No. T1012 sent to Agricultural Hall lettered 'The Showman's<br/>Friend 29 Dec 1920<br/>December 1920

TR 3RLS PH2/2/46	Clayton & Shuttleworth album page 46, plate T/39, Rear view of wagon No. T1068 built for Cumberland County Council showing Patent Grit Spreader 24 Jan 1921 January 1921
	1 page
TR 3RLS PH2/2/47	Clayton & Shuttleworth album page 47, plate T/40, 3/4 Side view of Wagon No. T1068 Reg. No. AO 6151 built for Cumberland County Council with Patent Grit Spreader 24 Jan 1921 January 1921
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TR 3RLS PH2/2/48	Clayton & Shuttleworth album page 48, plate T/41, Two wagons built for Brown & Tawse Ltd No. 48545 (left) Reg. No. FE 3479 46617 (right) Reg. No. FE 3532 24 Jan 1921 January 1921
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TR 3RLS PH2/2/49	Clayton & Shuttleworth album page 49, plate T/42, 3 ton tipping wagon No. 48686 Reg. No. FE 3989 built for Joshua Smith Coal Merchant 1 Feb 1921 February 1921
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TR 3RLS PH2/2/50	Clayton & Shuttleworth album page 50, plate T/43, 3 ton tipping wagon No. 48686 Reg. No. FE 3989 built for Joshua Smith Coal Merchant 1 Feb 1921 side view February 1921
	1 page
TR 3RLS PH2/2/51	Clayton & Shuttleworth album page 51, plate T/44, 5 ton Mechanical Side Tipping Wagon No. 48707 built for Belfast Corporation Cleansing Department showing body tipped 9 Feb 1921

February 1921

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TR 3RLSClayton & Shuttleworth album page 52, plate T/45, 5 tonPH2/2/52Mechanical Side Tipping Wagon No. 48707 built for Belfast<br/>Corporation Cleansing Department rear view showing body<br/>tipped 9 Feb 1921<br/>February 1921

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TR 3RLSClayton & Shuttleworth album page 53, plate T/46, 5 tonPH2/2/53Showman's Wagon No. 48709 lettered Aspland's Amusement<br/>Caterers, Boston on body and S Howden & Sons on wagon<br/>sides 12 Feb 1921<br/>February 1921

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TR 3RLSClayton & Shuttleworth album page 54, plate T/47, WagonPH2/2/54No. 48575Reg. No. FE 3533 built for Taylor's Depository,<br/>Southwark, London S.E. with removal trailer Feb 1920<br/>February 1920

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TR 3RLSClayton & Shuttleworth album page 55, plate T/48,Print<br/>supplied by Thompson Motor Car Company of wagon lettered<br/>in their name at work. Load is boiler weighing 11 ton<br/>straddles over two trailers. The wagon journeyed from Dublin<br/>to Arklow (50 miles) and returned with load over very rough<br/>and hilly country. Return journey with load was done in 10<br/>hours running time.

TR 3RLS	Clayton & Shuttleworth album page 56, plate T/49, 5 ton
PH2/2/56	Showman's Wagon No. 48709 lettered Aspland's Amusement
	Caterers, Boston on body and S Howden & Sons on wagon
	sides March 1921 complete with dynamo and governor gear
	etc.

TR 3RLSClayton & Shuttleworth album page 57, plate T/50, 5 tonPH2/2/57Showman's Wagon No. 48709 lettered Aspland's Amusement<br/>Caterers, Boston on body and S Howden & Sons on wagon<br/>sides March 1921 complete with dynamo and governor gear<br/>etc. Side view

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TR 3RLSClayton & Shuttleworth album page 58, plate T/51, WagonPH2/2/58No. 42056 of 1913 built for E. Wells & Son Ltd. Clarence<br/>Street, Rotherhithe. S. E. Body shows their business as Motor<br/>Haulage Contractors

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TR 3RLSClayton & Shuttleworth album page 59, plate T/52, ElectricPH2/2/59Wagon showing battery box open

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TR 3RLS	Clayton & Shuttleworth album page 60, plate T/53, Electric
PH2/2/60	Wagon showing battery box closed

TR 3RLS PH2/2/61	Clayton & Shuttleworth album page 61, plate T/54, Wagon chassis
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TR 3RLS PH2/2/62	Clayton & Shuttleworth album page 62, plate T/55
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TR 3RLS PH2/2/63	Clayton & Shuttleworth album page 63, plate E/7, Rear wheels and springs
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TR 3RLS PH2/2/64	Clayton & Shuttleworth album page 64, plate E/10, Electric Wagon with body tipped
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TR 3RLS PH2/2/65	Clayton & Shuttleworth album page 65, plate E/9, Electric Wagon
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TR 3RLS PH2/2/66	Clayton & Shuttleworth album page 66, plate E/6, Rear axle, wheels and springs

TR 3RLS PH2/2/67	Clayton & Shuttleworth album page 67, plate T/57, Wagon built for William Harper & Son, Haulage Contractor, Liverpool
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TR 3RLS PH2/2/68	Clayton & Shuttleworth album page 68, plate T58, Wagon built for Williams Harper & Son, Haulage Contractor, Liverpool Side view
	1 page
TR 3RLS PH2/2/69	Clayton & Shuttleworth album page 69, Wagon Reg. No. FE 8898 built for Harry Pointer, Merchant and Contractor, Norwich
	1 page
TR 3RLS PH2/3/1-68	Clayton & Shuttleworth Album no 4
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TR 3RLS PH2/3/1	Clayton & Shuttleworth album page 1, plate T107, Four wheeled trailer on solid tyres with sprung drawbar
	1 page
TR 3RLS PH2/3/2	Clayton & Shuttleworth album page 2, plate T108, Four wheeled trailer on solid tyres with sprung drawbar shown side tipped

TR 3RLS PH2/3/3	Clayton & Shuttleworth album page 3, plate T110, Four wheeled 3 way hand tipping trailer with solid tyres built for John Wainwright & Company Ltd. Tar Macadam Manufacturers of London and Shepton Mallet
	1 page
TR 3RLS PH2/3/4	Clayton & Shuttleworth album page 4, plate T111, Four wheeled 3 way hand tipping trailer with solid tyres built for John Wainwright & Company Ltd. Tar Macadam Manufacturers of London and Shepton Mallet Shown end tipped
	1 page
TR 3RLS PH2/3/5	Clayton & Shuttleworth album page 5, plate T112, Four wheeled 3 way hand tipping trailer with solid tyres built for John Wainwright & Company Ltd. Tar Macadam Manufacturers of London and Shepton Mallet Shown side tipped
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TR 3RLS PH2/3/6	Clayton & Shuttleworth album page 6, plate T113, Rear hydraulic tipping Overtype Dust Cart No. T1033 of 1920 Reg. No. FE 3970 built for Hendon Urban District Council shown with body tipped
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TR 3RLS PH2/3/7	Clayton & Shuttleworth album page 7, plate T114, Rear hydaulic tipping Overtype Dust Cart No. T1033 of 1920 Reg. No. FE 3970 built for Hendon Urban District Council shown with four wheeled hand tipping trailer

TR 3RLSClayton & Shuttleworth album page 8, plate T115, Four<br/>wheeled Undertype drop side Wagon No. 2001 of 1925 built<br/>for A. Hinder & Son, Haulage Contractor, Norton, Thornbury,<br/>Bristol

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TR 3RLSClayton & Shuttleworth album page 9, plate T116, Four<br/>wheeled Undertype drop side Wagon No. 2001 of 1925 built<br/>for A. Hinder & Son, Haulage Contractor, Norton, Thornbury,<br/>Bristol 3/4 front view

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TR 3RLSClayton & Shuttleworth album page 10, plate T117, 3 way<br/>hydraulic tipping Undertype Wagon No. 2021 of 1925 lettered<br/>J Percy & Son shown rear tipped

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TR 3RLSClayton & Shuttleworth album page 11, plate T118, 3 wayPH2/3/11hydraulic tipping Undertype Wagon No. 2021 of 1925 letteredJ Percy & Son shown side tipped

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TR 3RLSClayton & Shuttleworth album page 12, plate T119, 3 wayPH2/3/12hydraulic tipping Undertype Wagon No. 2021 of 1925 letteredJ Percy & Son shown rear side tipped

TR 3RLS PH2/3/13	Clayton & Shuttleworth album page 13, plate T120, Overtype Hydraulic Tipping Wagon
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TR 3RLS PH2/3/14	Clayton & Shuttleworth album page 14, plate T121, Overtype Hydraulic Tipping Wagon chassis
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TR 3RLS PH2/3/15	Clayton & Shuttleworth album page 15, plate T122, Undertype Flat Bed Wagon No. 2010 Reg. No. FE 3576 of 1925
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TR 3RLS PH2/3/16	Clayton & Shuttleworth album page 16, plate T123, Undertype Flat Bed Wagon No. 2010 Reg. No. 3576 of 1925 shown with steel frame trailer
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TR 3RLS PH2/3/17	Clayton & Shuttleworth album page 17, plate T124, Steel frame Flat Bed trailer on solid tyres with sprung drawbar
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TR 3RLS PH2/3/18	Clayton & Shuttleworth album page 18, plate T125, Undertype Tar Spraying Wagon No. 2015 of 1925 fitted with barrel crane front view

TR 3RLS	Clayton & Shuttleworth album page 19, Undertype Tar
PH2/3/19	Spraying Wagon No. 2015 of 1925 3/4 rear view showing tar
	spraying apparatus

# 1 page

TR 3RLSClayton & Shuttleworth album page 20, Undertype WagonPH2/3/20Tar Spraying No. 2015 of 1925 off side view with side boards<br/>up

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 21, plate T128,
PH2/3/21	Undertype Wagon Tar Spraying No. 2015 of 1925 off side
	view with side removed

1 page

TR 3RLS	Clayton & Shuttleworth album page 22, Undertype Wagon
PH2/3/22	with covered body off side view

1 page

TR 3RLS	Clayton & Shuttleworth album page 23, Undertype Wagon
PH2/3/23	with covered body 3/4 front view

TR 3RLS PH2/3/24	Clayton & Shuttleworth album page 24, plate T131, Undertype Hydraulic Tipping Wagon No 2026 of 1925 lettered eam Valley Motor Co. Ltd. Birtley 3/4 front view
	1 page
TR 3RLS PH2/3/25	Clayton & Shuttleworth album page 25, plate T132, Undertype Hydraulic Tipping Wagon No 2026 of 1925 lettered eam Valley Motor Co. Ltd. Birtley near side view
	1 page
TR 3RLS PH2/3/26	Clayton & Shuttleworth album page 26, plate T133, Four wheeled drop side solid tyred trailer
	1 page
TR 3RLS PH2/3/27	Clayton & Shuttleworth album page 27, plate T134, Four wheeled drop side solid tyred trailer with side board down
	1 page
TR 3RLS PH2/3/28	Clayton & Shuttleworth album page 28, plate T136, 3/4 view 3 way Tipping Overtype wagon
	1 page
TR 3RLS PH2/3/29	Clayton & Shuttleworth album page 29, plate T137, 3 way Tipping Overtype Wagon side view

TR 3RLS	Clayton & Shuttleworth album page 30, plate T142, Overtype
PH2/3/30	Tar Spraying Wagon

TR 3RLS	Clayton & Shuttleworth album page 31, plate T143,
PH2/3/31	Undertype Drop Side Wagon No. 2025 Reg. No. 7779
	advertising Servo Operated Four wheel Brakes and roller
	bearings

	1 page
TR 3RLS PH2/3/32	Clayton & Shuttleworth album page 32, no photograph

1 page

TR 3RLS	Clayton & Shuttleworth album page 33, no photograph
PH2/3/33	

1 page

TR 3RLS	Clayton & Shuttleworth album page 34, plate T144,
PH2/3/34	Undertype Wagon No. 2025 Reg. No. 7779 advertising Servo
	Operated Four wheel Brakes and roller bearings front view

1 page

TR 3RLS	Clayton & Shuttleworth album page 35, plate T145,
PH2/3/35	Undertype Wagon No. 2025 Reg. No. 7779 advertising Servo
	Operated Four wheel Brakes and roller bearings rear view

TR 3RLS PH2/3/36	Clayton & Shuttleworth album page 36, plate T146, Undertype Wagon No. 2025 Reg. No. 7779 advertising Servo Operated Four wheel Brakes and roller bearings rear view 3/4 front view
	1 page
TR 3RLS PH2/3/37	Clayton & Shuttleworth album page 37, plate T147, Overtype Wagon No. 48885 Reg. No. FE 5191 Gulley Emptier showing tank tipped
	1 page
TR 3RLS PH2/3/38	Clayton & Shuttleworth album page 38, plate T148, Overtype Wagon No. 48885 Reg. No. FE 5191 Gulley Emptier showing tank tipped 3/4 front view
	1 page
TR 3RLS PH2/3/39	Clayton & Shuttleworth album page 39, plate T149, Side hand tipping 4 wheeled trailer with sprung drawbar
	1 page
TR 3RLS PH2/3/40	Clayton & Shuttleworth album page 40, plate T150, Side hand tipping 4 wheeled trailer with sprung drawbar
	1 page
TR 3RLS PH2/3/41	Clayton & Shuttleworth album page 41, plate E36A, Four wheeled Electric Refuse Collection Wagon off side view

Clayton & Shuttleworth album page 42, plate E37, Four wheeled Electric Refuse Collection Wagon 3/4 rear view

1 page

TR 3RLS	Clayton & Shuttleworth album page 43, plate E38, Four
PH2/3/43	wheeled Electric Wagon chassis on pneumatic tyres

1 page

TR 3RLS	Clayton & Shuttleworth album page 44, plate E39, Four
PH2/3/44	wheeled Electric Wagon chassis on pneumatic tyres side
	view

1 page

TR 3RLS	Clayton & Shuttleworth album page 45, plate E45, Four
PH2/3/45	wheeled Electric Wagon chassis on pneumatic tyres rear view

1 page

TR 3RLS	Clayton & Shuttleworth album page 46,	Electric driven bus
PH2/3/46	near side view	

TR 3RLS	Clayton & Shuttleworth album page 47, plate E42, Electric
PH2/3/47	driven bus 3/4 front view

TR 3RLS	Clayton & Shuttleworth album page 48, plate CW310, Street
PH2/3/48	Watering Overtype Wagon No. T1092 of 1926 built for
	Rhondda Urban District Council Near side view

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 49, plate CW311, Street
PH2/3/49	Watering Overtype Wagon No. T1092 of 1926 built for
	Rhondda Urban District Council 3/4 front view

## 1 page

TR 3RLS	Clayton & Shuttleworth album page 50, plate CW315,
PH2/3/50	Undertype Artic Wagon No. 2037 with hydraulic tipping trailer side view built for John Penglaze Haulage Contractor, Chipping Sodbury

1 page

TR 3RLSClayton & Shuttleworth album page 51, plate CW316,PH2/3/51Undertype Artic Wagon No. 2037 with body tipped side view<br/>built for John Penglaze Haulage Contractor, Chipping<br/>Sodbury

1 page

TR 3RLSClayton & Shuttleworth album page 52, plate CW317,PH2/3/52Undertype Artic Wagon No. 2037 with body tipped 3/4 front<br/>view built for John Penglaze Haulage Contractor, Chipping<br/>Sodbury

TR 3RLSClayton & Shuttleworth album page 53, plate CW318,PH2/3/53Undertype Artic Wagon No. 2037 with body down 3/4 side<br/>view built for John Penglaze Haulage Contractor, Chipping<br/>Sodbury

1 page

TR 3RLSClayton & Shuttleworth album page 54, plate CW319, Under<br/>type Artic Wagon No. 2037 with body down 3/4 side view<br/>showing pivot built for John Penglaze Haulage Contractor,<br/>Chipping Sodbury

1 page

TR 3RLSClayton & Shuttleworth album page 55, plate CW320,PH2/3/55Overtype Tipping Wagon No. T1102 of 1924 built for British<br/>Tarspraying Co. Public Works Contractors, Leeds & Newark<br/>off side view

1 page

TR 3RLSClayton & Shuttleworth album page 56, plate CW321,PH2/3/56Overtype Tipping Wagon No. T1102 of 1924 built for British<br/>Tarspraying Co. Public Works Contractors, Leeds & Newark<br/>with body tipped

1 page

TR 3RLSClayton & Shuttleworth album page 57, plate CW347, 3 wayPH2/3/57Tipping Overtype Tipping Wagon No. T1161 of Aug 1926 built<br/>for Forden Rural District Council

TR 3RLS	Clayton & Shuttleworth album page 58, plate CW348, 3 way
PH2/3/58	Tipping Overtype Tipping Wagon No. T1161 of Aug 1926 built
	for Forden Rural District Council body tipped to off side

## 1 page

TR 3RLS	Clayton & Shuttleworth album page 59, plate CW349, 3 way
PH2/3/59	Tipping Overtype Tipping Wagon No. T1161 of Aug 1926 built
	for Forden Rural District Council showing end tip

## 1 page

TR 3RLSClayton & Shuttleworth album page 60, plate CW350, 3 wayPH2/3/60Tipping Overtype Tipping Wagon No. T1161 of Aug 1926 built<br/>for Forden Rural District Council side view with body in place

## 1 page

TR 3RLSClayton & Shuttleworth album page 61, plate CW361, ElectricPH2/3/61Flat Bed Wagon built for Cannon & Gaze Ltd. Flour Mills,<br/>Erith Near Side view Oct 1926<br/>October 1926

## 1 page

TR 3RLSClayton & Shuttleworth album page 62, plate CW362, ElectricPH2/3/62Flat Bed Wagon built for Cannon & Gaze Ltd. Flour Mills,<br/>Erith 3/4 rear view Oct 1926October 1926

TR 3RLS PH2/3/63	Clayton & Shuttleworth album page 63, plate CW363, Electric Flat Bed Wagon built for Cannon & Gaze Ltd. Flour Mills, Erith 3/4 front view Oct 1926 Reg. No. 8685 October 1926
	1 page
TR 3RLS PH2/3/64	Clayton & Shuttleworth album page 64, plate CW364, 3 way Tipping Overtype Wagon built for Robert J. Holland, Haulage Contractor, Chaddleworth, Wantage, Berks. side view
	1 page
TR 3RLS PH2/3/65	Clayton & Shuttleworth album page 65, plate CW380, Undertype Tipping Wagon No. 2049 of Dec 1926 with drop side trailer lettered Forman Bros. Haulage Contractors Branston side view
	1 page
TR 3RLS PH2/3/66	Clayton & Shuttleworth album page 66, plate CW380, Undertype Tipping Wagon No. 2049 of Dec 1926 Reg. No. 8658 3/4 front view with trailer
	1 page
TR 3RLS PH2/3/67	Clayton & Shuttleworth album page 67, plate CW381, Convertible Tandem Road Roller No. T1090 Jan 1927 front view January 1927
	1 page
TR 3RLS PH2/3/68	Clayton & Shuttleworth album page 68, plate CW384, Convertible Tandem Road Roller No. T1090 Jan 1927 side view January 1927

1 page

### TR 3RLSClayton & Shuttleworth Album no 6PH2/4/1-68

1 vol

TR 3RLS<br/>PH2/4/1Clayton & Shuttleworth album page 1, plate 205a, Vienna<br/>12hp Compound engine for Marine Casino Pola with link<br/>governor expansion and Tyrell & Deed's Patent Air Piston,<br/>Vaughan's Steam Trap to Jacket Jennings Light Feed<br/>Lubricators to Cylinders, Injector and special chimney.<br/>Firebox end and flywheel side

1 page

TR 3RLSClayton & Shuttleworth album page 2, plate 205b, Vienna<br/>12hp Compound engine fir Marine Casino Pola with link<br/>governor expansion and Tyrell & Deed's Patent Air Piston,<br/>Vaughan's Steam Trap to Jacket Jennings Light Feed<br/>Lubricators to Cylinders, Injector and special chimney.<br/>Governor side and cylinder end.

1 page

TR 3RLSClayton & Shuttleworth album page 3, plate 206a, View of set<br/>of Thrashing Machinery in working position consisting of 8hp<br/>Single Cylinder Portable Engine, 4ft 6" large Native Machine<br/>with inside cups and chaff elevator and 25ft Stacker. Off side

1 page

## TR 3RLSClayton & Shuttleworth album page 4, plate 206b, View of set<br/>of Thrashing Machinery in working position consisting of 8hp<br/>Single Cylinder Portable Engine, 4ft 6" large Native Machine

with inside cups and chaff elevator and 25ft Stacker. Near side

1 page

TR 3RLSClayton & Shuttleworth album page 5, plate 207a, SmithfieldPH2/4/5Show 10hp Compound Undertype Engine Smokebox Cylinder<br/>end and Pump side

1 page

TR 3RLSClayton & Shuttleworth album page 6, plate 207b, SmithfieldPH2/4/6Show 10hp Compound Undertype Engine Firebox end and<br/>flywheel side showing Tyrrell and Deed's Patent Governor

1 page

TR 3RLSClayton & Shuttleworth album page 7, plate 208a, B 4ft 6"PH2/4/7Large Machine with inside cups and Starved Rooster Shakers<br/>Elevator side

1 page

TR 3RLSClayton & Shuttleworth album page 8, plate 208b, B 4ft 6"PH2/4/8Large Machine with inside cups and Starved Rooster<br/>Shakers. Driving side and screen end

1 page

TR 3RLSClayton & Shuttleworth album page 9, plate 208c, B 4ft 6"PH2/4/9Large Machine with inside cups and Starved Rooster<br/>Shakers. Shaker end with hood removed

TR 3RLS	Clayton & Shuttleworth album page 10, plate 209, Vienna 6hp
PH2/4/10	Engine with Australian Brake, the lugs bolted to the firebox
	front instead of to the firebox sides

1 page

TR 3RLS	Clayton & Shuttleworth album page 11, plate 210, Engine
PH2/4/11	sown up in matting for export to Russia (Helfferich 's 6hp)

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 12, plate 211a, Vienna B
PH2/4/12	5ft Large Machine with new Patent Shaker Extension Driving
	side and screen end

1 page

TR 3RLS	Clayton & Shuttleworth album page 13, plate 211b, Vienna B
PH2/4/13	5ft Large Machine with new Patent Shaker Extension Elevator
	side and screen end

1 page

TR 3RLS	Clayton & Shuttleworth album page 14, plate 211c, Vienna B
PH2/4/14	5ft Large Machine with new Patent Shaker Extension Shaker
	Extension End

TR 3RLS PH2/4/15	Clayton & Shuttleworth album page 15, plate 212a, Helfferich's 4hp new Vienna type 3" long box, Cylinders on flat feet, new Blow Off Cock, Water spark Catcher, Chimney down, pump side, Square View
	1 page
TR 3RLS PH2/4/16	Clayton & Shuttleworth album page 16, plate 212b, Helfferich's 4hp new Vienna type 3" long box, Cylinders on flat feet, new Blow Off Cock, Water spark Catcher Firebox end and flywheel side with chimney up
	1 page
TR 3RLS PH2/4/17	Clayton & Shuttleworth album page 17, plate 213, Drysdale's 10hp with 6" long firebox, ordinary engine, with malleable iron bracket for Stop Valve Lever, Firebox lagged, Chimney down, Pump side and firebox end.
	1 page
TR 3RLS PH2/4/18	Clayton & Shuttleworth album page 18, plate 214a, 20HP Vienna Compound Portable High Pressure Steam chest outside, Low Pressure Steam Chest inside. Oil cups in High Pressure Cylinder. Holes on Steam chests for oil cups plugged. Tyrrell & Deed's Patent Governor. Wheel slipper on hat peg. Ox pole under boiler. Flywheel side and firebox end
	1 page
TR 3RLS PH2/4/19	Clayton & Shuttleworth album page 19, plate 214b, 20HP Vienna Compound Portable High Pressure Steam chest outside, Low Pressure Steam Chest inside. Oil cups in High Pressure Cylinder. Holes on Steam chests for oil cups plugged. Tyrrell & Deed's Patent Governor. Wheel slipper on hat peg. Ox pole under boiler. Pump side and smokebox end

TR 3RLSClayton & Shuttleworth album page 20, plate 215a, Schieff &PH2/4/20Ahrens's 8hp Engine with Pelzold's Spark quencher and 1<br/>3/8" hand pump. 5a.t.m. Stop Valve shut when lever close in<br/>to firebox. Chimney down, Firebox end and pump side

#### 1 page

TR 3RLSClayton & Shuttleworth album page 21, plate 215b, Schieff &PH2/4/21Ahrens's 8hp Engine with Pelzold's Spark quencher and 1<br/>3/8" hand pump. 5a.t.m. Stop Valve shut when lever close in<br/>to firebox. Chimney down. Flywheel side showing Copper<br/>side of Spark quencher, chimney down.

1 page

TR 3RLSClayton & Shuttleworth album page 22, plate 216a, Vienna<br/>4hp new type portable with cylinder on flat foot, stop valve<br/>and steam chest, cast with cylinder, exhaust pipe clear of<br/>lagging. Screw down pump valves with wheel handles 3ft<br/>long box boiler, new blow off cock with gland underneath<br/>Smokebox end and pump side

1 page

TR 3RLSClayton & Shuttleworth album page 23, plate 216b, Vienna<br/>4hp new type portable with cylinder on flat foot, stop valve<br/>and steam chest, cast with cylinder, exhaust pipe clear of<br/>lagging. Screw down pump valves with wheel handles 3ft<br/>long box boiler, new blow off cock with gland underneath<br/>Firebox end and flywheel side

TR 3RLS PH2/4/24	Clayton & Shuttleworth album page 24, plate 217, Small size machine covered with matting for transport instead of usual waterproof cover. Driving side and screen end
	1 page
TR 3RLS PH2/4/25	Clayton & Shuttleworth album page, plate 218a, 6hp Jubilee Royal Show Traction Engine with new kind of tender. Front view smokebox end
	1 page
TR 3RLS PH2/4/26	Clayton & Shuttleworth album page, plate 218b, 6hp Jubilee Royal Show Traction Engine with new kind of tender. Rear view flywheel side
	1 page
TR 3RLS PH2/4/27	Clayton & Shuttleworth album page 27, plate 219a, Photogram of engine details
	1 page
TR 3RLS PH2/4/28	Clayton & Shuttleworth album page 28, plate 219b, Photogram of engine details
	1 page
TR 3RLS PH2/4/29	Clayton & Shuttleworth album page 29, plate 219c, Photogram of engine details

TR 3RLS	Clayton & Shuttleworth album page 30, plate 219d,
PH2/4/30	Photogram of engine details

TR 3RLSClayton & Shuttleworth album page 31, plate 220a, B 4ft 6"PH2/4/31Large Inside cup Elevator. Chaff sifter. Detachable<br/>lengthening of shoe for delivering cavings into straw elevator.<br/>Bosses for screen bearings. Hood over shaker. Long<br/>outrails, short scaffold doors. Friction roller a corner of frame<br/>to steady bottom part of leather belt. Iron ladder fitting either<br/>side. Shaker end elevator side.

1 page

TR 3RLSClayton & Shuttleworth album page 32, plate 220b, B 4ft 6"PH2/4/32Large Inside cup Elevator. Chaff sifter. Detachable<br/>lengthening of shoe for delivering cavings into straw elevator.<br/>Bosses for screen bearings. Hood over shaker. Long<br/>outrails, short scaffold doors. Friction roller a corner of frame<br/>to steady bottom part of leather belt. Iron ladder fitting either<br/>side. Screen end driving side

1 page

TR 3RLSClayton & Shuttleworth album page 33, plate 221a, (Second)PH2/4/3325hp Compound Portable Engine without injector with Tyrrell<br/>& Deed's Patent Governor Automatic Expansion, Brake,<br/>Ladder and Platform at each side. Ball Valve. Cylinder on flat<br/>foot. Wrought iron frame to engine. High Pressure Steam<br/>Chest outside, Low Pressure Steam Chest between<br/>Cylinders. Flywheel side and firebox end.

TR 3RLSClayton & Shuttleworth album page 34, plate 221b, (Second)PH2/4/3425hp Compound Portable Engine without injector with Tyrrell<br/>& Deed's Patent Governor Automatic Expansion, Brake,<br/>Ladder and Platform at each side. Ball Valve. Cylinder on flat<br/>foot. Wrought iron frame to engine. High Pressure Steam<br/>Chest outside, Low Pressure Steam Chest between<br/>Cylinders. Pump side and smokebox end.

1 page

# TR 3RLSClayton & Shuttleworth album page 35, plate 221c, (Second)PH2/4/3525hp Compound Portable Engine without injector with Tyrrell<br/>& Deed's Patent Governor Automatic Expansion, Brake,<br/>Ladder and Platform at each side. Ball Valve. Cylinder on flat<br/>foot. Wrought iron frame to engine. High Pressure Steam<br/>Chest outside, Low Pressure Steam Chest between<br/>Cylinders. Firebox end and pump side.

1 page

TR 3RLSClayton & Shuttleworth album page 36, plate 222a,PH2/4/36Drysdale's 1889 Maize Sheller differing drum 1888 pattern<br/>with direct driven ear elevator in ear elevator being placed at<br/>opposite end to engine. Ear elevator driven from Riddle<br/>Crank, Cobs delivered into sack at driving side of machine.<br/>Dust delivered at end furthest from engine. Clean corn<br/>spouts facing engine. Corn elevator opposite side to driven<br/>pulley. Driving band round flywheel of 8hp engine not visible.<br/>Sacking end and driving side.

1 page

TR 3RLSClayton & Shuttleworth album page 37, plate 222b,PH2/4/37Drysdale's 1889 Maize Sheller differing drum 1888 pattern<br/>with direct driven ear elevator in ear elevator being placed at<br/>opposite end to engine. Ear elevator driven from Riddle<br/>Crank, Cobs delivered into sack at driving side of machine.

Dust delivered at end furthest from engine. Clean corn spouts facing engine. Corn elevator opposite side to driven pulley. Driving band round flywheel of 8hp engine not visible. Fore carriage end and corn elevator side showing 8hp in distance and ear elevator in foreground

1 page

### **TR 3RLS**Clayton & Shuttleworth album page 38, plate 222c, Maize**PH2/4/38**sheller with ear elevator packed up on top for travelling

1 page

TR 3RLSClayton & Shuttleworth album page 39, plate 223a, 8hpPH2/4/39Double Cylinder Traction engine No. 25428 for Baiersdorf &<br/>Biach Vienna with 3ft 6" firebox (4" longer than standard) 120<br/>Ibs steam pressure. Fore wheels 3ft 7" diameter 10" wide.<br/>Hind wheel 6ft diameter 17 1/4" wide. Winding drum and 50<br/>yards of wire rope. Patent self starting injectors water lift and<br/>45ft suction hose. Petzolt's Spark quenchers. Bell on<br/>smokebox front and rope. Off side and smokebox end with<br/>suction hose coiled in front on ground, also towing iron and<br/>wheel frost pins. One wheel angle iron hung on front of box<br/>on forecarriage. Photo missing

1 page

TR 3RLSClayton & Shuttleworth album page 40, plate 223b, 8hpPH2/4/40Double Cylinder Traction engine No. 25428 for Baiersdorf &<br/>Biach Vienna with 3ft 6" firebox (4" longer than standard) 120<br/>Ibs steam pressure. Fore wheels 3ft 7" diameter 10" wide.<br/>Hind wheel 6ft diameter 17 1/4" wide. Winding drum and 50<br/>yards of wire rope. Patent self starting injectors water lift and<br/>45ft suction hose. Petzolt's Spark quenchers. Bell on<br/>smokebox front and rope. Near side and tender end. Photo<br/>missing

TR 3RLS PH2/4/41	Clayton & Shuttleworth album page 41, plate 223c, 8hp Double Cylinder Traction engine No. 25428 for Baiersdorf & Biach Vienna with 3ft 6" firebox (4" longer than standard) 120 Ibs steam pressure. Fore wheels 3ft 7" diameter 10" wide. Hind wheel 6ft diameter 17 1/4" wide. Winding drum and 50 yards of wire rope. Patent self starting injectors water lift and 45ft suction hose. Petzolt's Spark quenchers. Bell on smokebox front and rope. End view into tender from rear
	1 page
TR 3RLS PH2/4/42	Clayton & Shuttleworth album page 48, plate 224a, Inside Cup Elevator Finishing Machine with new screen boss in place of girder
	1 page
TR 3RLS PH2/4/43	Clayton & Shuttleworth album page 47, plate 224b, 24ft Stacker and pony gear
	1 page
TR 3RLS PH2/4/44	Clayton & Shuttleworth album page 46, plate 225, B Machine with Chaff Sifting and Sacking Apparatus fitted with new screen boss
	1 page
TR 3RLS PH2/4/45	Clayton & Shuttleworth album page 51, plate 226a, Bees Patent Fork Shaker Machine with spindle and pulleys for driving elevator and stacker, inside cup elevator and new screen boss

1	page
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TR 3RLS	Clayton & Shuttleworth album page 50, plate 226b, Bees
PH2/4/46	Patent Fork Shaker Machine with spindle and pulleys for
	driving elevator and stacker, inside cup elevator and new
	screen boss Driving pulley side

TR 3RLS Clayton & Shuttleworth album page 49, Thrashing Machine PH2/4/47

1 page

TR 3RLSClayton & Shuttleworth album page 65, plate 226c, BeesPH2/4/48Patent Fork Shaker Machine with spindle and pulleys for<br/>driving elevator and stacker, inside cup elevator and new<br/>screen boss View of shaker ends (see page 65 for clearer<br/>view)

1 page

TR 3RLS	Clayton & Shuttleworth album page 42, plate 219e,
PH2/4/49	Photograph of portable engine details

1 page

TR 3RLS	Clayton & Shuttleworth album page 43, plate 219f,
PH2/4/50	Photograph of portable engine details

TR 3RLS PH2/4/51	Clayton & Shuttleworth album page 44, plate 219g, Photograph of portable engine details
TR 3RLS PH2/4/52	1 page Clayton & Shuttleworth album page 45, plate 219h, Photograph of portable details
TR 3RLS PH2/4/53	1 page Clayton & Shuttleworth album page 52, plate 227a, Drysdale's BB Machine. 5ft 6" wide. Inside Cup Elevator. Blower at end and Shaker Extension with new screen boss Elevator side.
TR 3RLS PH2/4/54	1 page Clayton & Shuttleworth album page 53, plate 227b, Drysdale's BB Machine. 5ft 6" wide. Inside Cup Elevator. Blower at end and Shaker Extension with new screen boss. Driving pulley side
TR 3RLS PH2/4/55	1 page Clayton & Shuttleworth album page 54, plate 227c, Drysdale's BB Machine. 5ft 6" wide. Inside Cup Elevator. Blower at end and Shaker Extension with new screen boss. Shaker end.
TR 3RLS PH2/4/56	1 page Clayton & Shuttleworth album page 55, plate 228a, 4ft 6" Large Inside Cup Elevator Machine, long outrails, short doors, fitted with Companies Elevator. Elevator side of machine

	1 page
TR 3RLS PH2/4/57	Clayton & Shuttleworth album page 56, plate 228b, 4ft 6" Large Inside Cup Elevator Machine, long outrails, short doors, fitted with Companies Elevator. Main Driving side
	1 page
TR 3RLS PH2/4/58	Clayton & Shuttleworth album page 57, plate 229, Machine with Howard's Trusser
	1 page
TR 3RLS PH2/4/59	Clayton & Shuttleworth album page 58, plate 230a, Photograph of machine details, Drum and Concave
	1 page
TR 3RLS PH2/4/60	Clayton & Shuttleworth album page 59, plate 231, Engine No 25490 with Elworthy's Straw Burning Apparatus
	1 page
TR 3RLS PH2/4/61	Clayton & Shuttleworth album page 60, plate 219i, Photograph of Portable engine details
	1 page

TR 3RLS	Clayton & Shuttleworth album page 61, plate 219j,
PH2/4/62	Photograph of Portable engine details

TR 3RLS	Clayton & Shuttleworth album page 62, plate 232, Square
PH2/4/63	framed Corn Grinding Mill for Egyptian Engineering Stores,
	Alexandria

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 63, plate 233a, Finishing
PH2/4/64	Thrashing Machine with outside Cup Elevator and Patent
	Shaker Extension Riddle (Vienna) season 1890 pattern

#### 1 page

TR 3RLSClayton & Shuttleworth album page 64, plate 233b, FinishingPH2/4/65Thrashing Machine with outside Cup Elevator and Patent<br/>Shaker Extension Riddle (Vienna) season 1890 pattern<br/>Driving pulley side

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TR 3RLS	Clayton & Shuttleworth album page, plate 230b, Photograph
PH2/4/66	of machine details

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TR 3RLS	Clayton & Shuttleworth album page 67, plate 230c,
PH2/4/67	Photograph of machine details

TR 3RLS PH2/4/68	Clayton & Shuttleworth album page 68, plate 230d, Photograph of machine details
	1 page
TR 3RLS PH2/5/1-67	Clayton & Shuttleworth Album no 7
	1 vol
TR 3RLS PH2/5/1	Clayton & Shuttleworth album page 1, plate 234, Kusher & Co's (Cairo) 14hp 'Fixed Horizontal Condensing and non condensing ' Engine with Tyrell & Deeds Patent Automatic Expansion Governors and three way tap
	1 page
TR 3RLS PH2/5/2	Clayton & Shuttleworth album page 2, plate 235A, 10hp Fixed Engine (Smithfield Show) with Tyrell & Deeds Patent Automatic Expansion Governors, Vacuum Oil Lubricator Exhaust Steam Feed Water Injector Governor side
	1 page
TR 3RLS PH2/5/3	Clayton & Shuttleworth album page 3, plate 235B, 10hp Fixed engine (Smithfield Show) with Tyrell & Deeds Patent Automatic Expansion Governors Vacuum Oil Lubricator Exhaust Steam Feed Water Injector Pump Side
	1 page
TR 3RLS PH2/5/4	Clayton & Shuttleworth album page 4, plate 219K, Photograph of engine details

Clayton & Shuttleworth album page 5, plate 230E, Photograph of Machine details
1 page
Clayton & Shuttleworth album page 6, plate 230F, Photograph of Machine details
1 page
Clayton & Shuttleworth album page 7, plate 230G, Photograph of Machine details See also 238 Page 12
1 page
Clayton & Shuttleworth album page 8, plate 236A, 8hp Single Cylinder Vienna engine with new style cylinder and stop valve, crankshaft stay rods, ball weight, safety valve, swivel ball water heater and pipe, pump side middle view No. 25618
1 page
Clayton & Shuttleworth album page 9, plate 236E, 8hp Single Cylinder sienna engine with new style cylinder and stop valve, crankshaft stay rods, all weight, safety valve swivel ball water heater and pipe cylinder end pump flywheel side

TR 3RLS PH2/5/10	Clayton & Shuttleworth album page 10, plate 237A, 12hp Compound Undertype engine with Tyrell & Deeds automatic expansion governor, injector, stop valve on top- of boiler, pump side, cylinder end, less flywheel
	1 page
TR 3RLS PH2/5/11	Clayton & Shuttleworth album page 11, plate 237B, 12hp Compound Undertype engine with Tyrell & Deeds automatic expansion governor, injector, stop valve on top of boiler, pump side, cylinder end, flywheel side, firebox end.
	1 page
TR 3RLS PH2/5/12	Clayton & Shuttleworth album page 12, plate 238, Photograph of machine parts
	1 page
TR 3RLS PH2/5/13	Clayton & Shuttleworth album page 13, plate 239A, Castellanos & Delucchi's 12hp Fixed Compound Condensing Engine Tyrell & Deed Automatic Expansion Governor, Flywheel side and cylinder end and condenser end.
	1 page
TR 3RLS PH2/5/14	Clayton & Shuttleworth album page 14, plate 239B, Castellanos & Delucchi's 12hp Fixed Compound Condensing Engine Tyrell & Deeds Automatic Expansion Governor, Pump side and Crankshaft end.

TR 3RLS PH2/5/15	Clayton & Shuttleworth album page 15, plate 240A, Portable Straw Cutting & Bruising Apparatus, view opposite driving side

TR 3RLS	Clayton & Shuttleworth album page 16, plate 240B, Portable
PH2/5/16	Straw Cutting & bruising Apparatus, view driving side

1 page

TR 3RLSClayton & Shuttleworth album page 17, plate 241A, B 5ftPH2/5/17Large Machine with elevator for chobs or puds to deliver them<br/>into the side of the drum to be rethrashed; also with self<br/>feeder with canvas web rollers and feeding fork or comb. -<br/>driving side, showing blower at back of machine Order 917<br/>1890 made for Mr. C. Osborne, Doyleston, New Zealand

1 page

TR 3RLSClayton & Shuttleworth album page 18, plate 241B, B 5ftPH2/5/18Large Machine with elevator for chobs or puds to deliver them<br/>into the side of the drum to be rethrashed, also with self<br/>feeder with canvas web rollers and feeding fork or comb -<br/>view on top of machine showing self feeder

1 page

TR 3RLSClayton & Shuttleworth album page 18, plate 241B, B 5ftPH2/5/19Large Machine with elevator for chobs or puds to deliver them<br/>into the side of the drum to be rethrashed, also with self<br/>feeder with canvas web rollers and feeding fork or comb -<br/>view on top of machine showing self feeder

TR 3RLS	Clayton & Shuttleworth album page 20, plate 242A, 10hp
PH2/5/20	Compound Fixed Engine made for Smithfield Show 1890
	view opposite flywheel side, cylinder end

TR 3RLS	Clayton & Shuttleworth album page 21, plate 242B, 10hp
PH2/5/21	Compound Fixed Engine made for Smithfield Show 1890
	view opposite flywheel side, cylinder end

#### 1 page

TR 3RLSClayton & Shuttleworth album page 22, plate 243A, ViennaPH2/5/22Machine 1891 Pattern, blower at back of machine elevator<br/>side

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 23, plate 243B, Vienna
PH2/5/23	Machine 1891 Pattern blower at back of machine Driving side

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 24, plate 243C, Vienna
PH2/5/24	Machine 1891 Pattern at back of machine Shaker end

TR 3RLS PH2/5/25	Clayton & Shuttleworth album page 25, plate 244A, Vienna 30hp Compound Portable Steam Engine with Tyrell & Deeds governors automatic expansion gear. Pump side Smokebox end
	1 page
TR 3RLS PH2/5/26	Clayton & Shuttleworth album page 26, plate 244B, Vienna 30hp Compound Portable Steam Engine with Tyrell & Deeds governors automatic expansion gear Governor side and Cylinder end
	1 page
TR 3RLS PH2/5/27	Clayton & Shuttleworth album page 27, plate 244C, Vienna 30hp Compound Portable Steam Engine with Tyrell & Deeds governors automatic expansion gear Smokebox and Governor side
	1 page
TR 3RLS PH2/5/28	Clayton & Shuttleworth album page 28, plate 244D, Vienna 30hp Compound Portable Steam Engine with Tyrell & Deeds governors automatic expansion gear Cylinder end and Pump side
	1 page
TR 3RLS PH2/5/29	Clayton & Shuttleworth album page 29, plate 245A, 3ft 6ins Small Machine with Straw Cutting and Bruising apparatus, fitted with brake, Bruised Straw Riddle and Blower and Chaff Blower. Made for Rinaldi & Co. Rome View of Driving side

TR 3RLS PH2/5/30	Clayton & Shuttleworth album page 30, plate 245B, 3ft 6in Small Machine with Straw Cutting and Bruising apparatus fitted with brake, Bruised Straw Riddle and Blower and Chaff Blower. Made for Rinaldi & Co. Rome. View of Elevator side and Bruising end.
	1 page
TR 3RLS PH2/5/31	Clayton & Shuttleworth album page 31, plate 246A, Chaff Cutter Elevator side
	1 page
TR 3RLS PH2/5/32	Clayton & Shuttleworth album page 32, plate 246B, Chaff Cutter Driving end
	1 page
TR 3RLS PH2/5/33	Clayton & Shuttleworth album page 33, plate 247, Straw Bruising Riddle and Blower packed on 4 wheel carriage ready for traveling
	1 page
TR 3RLS PH2/5/34	Clayton & Shuttleworth album page 34, plate 248A, First 10hp Long stroke Fixed Engine with condenser and disc crank. View opposite Flywheel side, Cylinder End - made for Steinmann Marbardy & Co. Alexandria
	1 page
TR 3RLS PH2/5/35	Clayton & Shuttleworth album page 35, plate 248B, First 10hp Long Stoke Fixed Engine with condenser and disc crank. View opposite Flywheel side. Crankshaft end showing pump

TR 3RLSClayton & Shuttleworth album page 36, plate 248C, FirstPH2/5/3610hp Long Stokje Fixed Engine with condenser and disc<br/>crank. Flywheel side Cylinder End

#### 1 page

TR 3RLSClayton & Shuttleworth album page 37, plate 249A, 10hpPH2/5/37D.C. Engine with Chain Governors. Patent Split Wood Pulley<br/>(not very clear) showing in working position with a B 4ft<br/>machine fitted with Strawcutting and Bruising Drum, Riddle<br/>and Blower made for Couttolenc of Chalonicomnla

#### 1 page

TR 3RLSClayton & Shuttleworth album page 38, plate 249B, 10hpPH2/5/38D.C. Engine with Chain Governors. Patent Split Wood Pulley<br/>(not very clear) showing in working position with a B 4ft<br/>machine fitted with Strawcutting and Bruising Drum, Riddle<br/>and Blower made for Couttolenc of Chalonicomnla. View of<br/>Strawbruising end of machine showing and easy method of<br/>taking out the drums for repairs etc.

1 page

# TR 3RLSClayton & Shuttleworth album page 39, plate 250A, Near side<br/>and rear end of Howard Farrar's 6hp engine with special<br/>wood brake, hind axle cranked round front of firebox , 2 doors<br/>(front and back to ashpan, strap round chimney to hold it<br/>down in crutch; large fire door malleable bracket for stop<br/>valve lever; special pole with fixed ring 14ins from the end. No<br/>26740

TR 3RLS<br/>PH2/5/40Clayton & Shuttleworth album page 40, plate 250B, Near side<br/>and rear end of Howard Farrar's 6hp engine with special<br/>wood brake, hind axle cranked round front of firebox , 2 doors<br/>(front and back to ashpan, strap round chimney to hold it<br/>down in crutch; large fire door malleable bracket for stop<br/>valve lever; special pole with fixed ring 14ins from the end.<br/>View of off side.

1 page

TR 3RLSClayton & Shuttleworth album page 41, plate 251A, SmithfieldPH2/5/41Show 6hp Traction Engine with Jacketed Cylinder and stop<br/>valve in one casting, Patent High Speed Governor (Tyrrell &<br/>Deed's Rams bottom Safety Valves, entire working parts<br/>carried on wrought iron side frames, braced and stayed by<br/>cross plates. View of driving gear side.

1 page

TR 3RLSClayton & Shuttleworth album page 42, plate 251B, SmithfieldPH2/5/42Show 6hp Traction Engine with Jacketed Cylinder and stop<br/>valve in one casting, Patent High Speed Governor (Tyrrell &<br/>Deed's Ramsbottom Safety Valves, entire working parts<br/>carried on wrought iron side frames, braced and stayed by<br/>cross plates. View of flywheel side. No. 26999

1 page

TR 3RLSClayton & Shuttleworth album page 43, plate 252, Vienna 8hpPH2/5/43Portable Engine with flat footed cylinder and Head &<br/>Schemoith's Strawburning Apparatus

TR 3RLS PH2/5/44	Clayton & Shuttleworth album page 44, plate 253, Double Square framed Corn Mill
TR 3RLS PH2/5/45	1 page Clayton & Shuttleworth album page 45, plate 254A, Details of Elworthy's Patent Strawburning Apparatus
TR 3RLS PH2/5/46	1 page Clayton & Shuttleworth album page 46, plate 254B, Details of Elworthy's Patent Strawburning Apparatus
TR 3RLS PH2/5/47	1 page Clayton & Shuttleworth album page 47, plate 255A, No. 5 Maize Sheller with latest improvements viz:- Spring wood hangers instead of leather, elevator with false bottom, balancing pulley on end of drum spindle guard over shown. View opposite driving side
TR 3RLS PH2/5/48	1 page Clayton & Shuttleworth album page 48, plate 255B, No. 5 Maize Sheller with latest improvements viz:- Spring wood hangers instead of leather, elevator with false bottom, balancing pulley on end of drum spindle guard over show. View of driving side
TR 3RLS PH2/5/49	1 page Clayton & Shuttleworth album page 49, plate 256A, Buxbourn's 5ft Large Thrashing Machine fitted with small blower at end of machine; Inside cups arranged for grease

lubrication, wire pulley guards. View of driving side, blower end.

1 page

TR 3RLSClayton & Shuttleworth album page 50, plate 256B,PH2/5/50Buxbourn's 5ft Large Thrashing Machine fitted with small<br/>blower at end of machine; Inside cups arranged for grease<br/>lubrication, wire pulley guards. View of elevator side, shaker<br/>end.

1 page

## TR 3RLSClayton & Shuttleworth album page 51, plate 257, Schiff &PH2/5/51Ehrens Thrashing Machine fitted with endless web Self<br/>Feeding Apparatus - view of top of machine showing feeder

1 page

TR 3RLSClayton & Shuttleworth album page 52, plate 258A, First 10hpPH2/5/52Double Cylinder Portable - Fixture Engine arranged with a<br/>condenser under boiler barrel at smokebox end, acting at the<br/>same time as a support for the front of the boiler fitted also<br/>with a valve for making the engine either condensing or non<br/>condensing as may be desired - View of Pump Side

1 page

TR 3RLSClayton & Shuttleworth album page 53, plate 258B, First 10hpPH2/5/53Double Cylinder Portable - Fixture Engine arranged with a<br/>condenser under boiler barrel at smokebox end, acting at the<br/>same time as a support for the front of the boiler fitted also<br/>with a valve for making the engine either condensing or non<br/>condensing as may be desired - View of Flywheel Side

TR 3RLS	Clayton & Shuttleworth album page 54, plate 259, 3ft 6in
PH2/5/54	Strawbruising machine and 6hp Portable Engine packed in
	skeleton cases on trucks ready for transport with Sommer
	Herrmann & Co's name painted in large letters on each side
	of the cases to act as an advertisement on the journey to
	Mexico

1 page

TR 3RLS	Clayton & Shuttleworth album page 55, plate 260A, Details of
PH2/5/55	Maize Sheller on board

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 56, plate 260B, Details of
PH2/5/56	Maize Sheller on board

#### 1 page

## TR 3RLSClayton & Shuttleworth album page 57, plate 261, Peg drum<br/>for thrashing rice with spindle top on bottom concaves shown<br/>in position

#### 1 page

**TR 3RLS**Clayton & Shuttleworth album page 58, plate 262A, Details of**PH2/5/58**Chaff Blower of Strawbruising Machines

TR 3RLS PH2/5/59	Clayton & Shuttleworth album page 59, plate 262B, Details of Caving Board of Strawbruising machine
	1 page
TR 3RLS PH2/5/60	Clayton & Shuttleworth album page 60, plate 263A, Buxbaum's Machine fitted with pulley guards, blower at end. For grease lubrication - View of shaker end
	1 page
TR 3RLS PH2/5/61	Clayton & Shuttleworth album page 61, plate 263b, Buxbaum's Machine fitted with pulley guards, blower at end. For grease lubrication - View of blower end, driving side
	1 page
TR 3RLS PH2/5/62	Clayton & Shuttleworth album page 66, plate 263C, Shuttleworth & Gamble (Mr. Gamble) fixing belt buckle
	1 page
TR 3RLS PH2/5/63	Clayton & Shuttleworth album page 67, plate 263D, Shuttleworth & Gamble (Mr. Gamble) unfixing belt
	1 page
TR 3RLS PH2/5/64	Clayton & Shuttleworth album page 62, plate 264A, 6 Knife Chaff Cutter with double shoe, view of elevator side, knife end showing driving cogs

TR 3RLS	Clayton & Shuttleworth album page 63, plate 264B, 6 Knife
PH2/5/65	Chaff Cutter with double shoe, view of elevator side, knife end
	showing driving cogs. View from driving end

TR 3RLSClayton & Shuttleworth album page 64, plate 264C, 6 KnifePH2/5/66Chaff Cutter with double shoe, view of elevator side, knife end<br/>showing driving cogs. End view looking on to shoe.<br/>Shuttleworth & Gamble Patent Belt Buckle.

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 65, plate 265, Details of
PH2/5/67	Bean Drum. Pulley's band etc.

#### 1 page

- TR 3RLS Clayton & Shuttleworth Album no 8 PH2/6/1-67
  - .....

1 vol

TR 3RLS	Clayton & Shuttleworth album page 1, plate 266c, 5ft 0"
PH2/6/1	double blast machine (Drysdale) on Patent Trusser Frame,
	inside cup elevator, double crank shaker extension. Corner
	view showing blower at end Driving side

TR 3RLS PH2/6/2	Clayton & Shuttleworth album page 2, plate 266a, 5ft 0" double blast machine (Drysdale) on Patent Trusser Frame, inside cup elevator, double crank shaker extension. Corner view showing blower at end Elevator side
	1 page
TR 3RLS PH2/6/3	Clayton & Shuttleworth album page 3, plate 266b, 5ft 0" double blast machine (Drysdale) on Patent Trusser Frame, inside cup elevator, double crank shaker extension. Corner view showing blower at end End view
	1 page
TR 3RLS PH2/6/4	Clayton & Shuttleworth album page 4, plate 267, 8hp Traction Engine (for chain steerage) with Tyrell & Deed's high speed governors, Ramsbottom Safety Valve, wrought iron girder frame bearing working parts
	1 page
TR 3RLS PH2/6/5	1 page Clayton & Shuttleworth album page 5, plate 268, 8hp Portable Engine (Smithfield Show /92) with foot for stop valve and lever bracket. View from firebox and showing feed water heater
	1 page
TR 3RLS PH2/6/6	Clayton & Shuttleworth album page 6, plate 268a, 8hp Portable Engine (Smithfield Show /92) with foot for stop valve and lever bracket. Corner view from firebox and showing foot stop valve

TR 3RLS PH2/6/7	Clayton & Shuttleworth album page 9, plate 269b, 8hp Portable Engine (E. L. Meyers) with new expansion governor (Tyrell & Deed's Patent) and hand pump. New circular nameplate as per regulations, flywheel side
	1 page
TR 3RLS PH2/6/8	Clayton & Shuttleworth album page 8, plate 269a, 8hp Portable Engine (E. L. Meyers) with new expansion governor (Tyrell & Deed's Patent) and hand pump. New circular nameplate as per German regulations
	1 page
TR 3RLS PH2/6/9	Clayton & Shuttleworth album page 10, plate 270, 20hp Portable Engine (Senig Sonnenthal & Co., with 20hp 'portable fixture'. Boiler in position for working , with connecting steam pipes etc. complete with automatic expansion, exhaust injector, vacuum oil cup, sight feed lubricator
	1 page
TR 3RLS PH2/6/10	Clayton & Shuttleworth album page 11, plate 271a, 4ft 6" Large Straw Bruising Thrashing Machine (State Domaines), view of cup elevator sides, boards thrown back for engravers to show belting
	1 nage
TR 3RLS PH2/6/11	1 page Clayton & Shuttleworth album page 13, plate 271b, 4ft 6" Large Straw Bruising Thrashing Machine (State Domaines), view of cup elevator sides, boards down as when at work

TR 3RLS PH2/6/12	Clayton & Shuttleworth album page 13, plate 271c,4ft 6" Large Straw Bruising Thrashing Machine (State Domaines), view of cup elevator side showing best corn elevator
	1 page
TR 3RLS PH2/6/13	Clayton & Shuttleworth album page 14, plate 271d, 4ft 6" Large Straw Bruising Thrashing Machine (State Domaines) Driving pulley side
	1 page
TR 3RLS PH2/6/14	Clayton & Shuttleworth album page 15, plate 271e, 4ft 6" Large Straw Bruising Thrashing Machine (State Domaines) Driving pulley side with boards thrown back to show belting
	1 page
TR 3RLS PH2/6/15	Clayton & Shuttleworth album page 16, plate 271f, 4ft 6 Large Straw Bruising Thrashing Machine (State Domaines) Cutting and bruising drums and section
	1 page
TR 3RLS PH2/6/16	Clayton & Shuttleworth album page 17, plate 272, 18hp Portable Engine No. 28066 (Helfferich) with Holden's Patent Liquid Fuel bruising apparatus. New stop valve. Flywheel side and firebox end. Baffle plate shown on ground
	1 page
TR 3RLS PH2/6/17	Clayton & Shuttleworth album page 18, plate 273a, Chaff cutter details on board

1 page
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TR 3RLS	Clayton & Shuttleworth album page 19, plate 273b, Chaff
PH2/6/18	cutter details on board

TR 3RLSClayton & Shuttleworth album page 20, plate 274a, 'C' OilPH2/6/19Engine (Weyman's Patent' with Clayton & Shuttleworth Patent<br/>Lamp

1 page

TR 3RLS	Clayton & Shuttleworth album page 21, plate 274b,"C" Oil
PH2/6/20	Engine (Weyman's Patent) with Clayton & Shuttleworth
	Patent Lamp view from cylinder end

1 page

TR 3RLS	Clayton & Shuttleworth album page 22, plate 275a, 8hp
PH2/6/21	Double Cylinder Traction Engine (Chester Royal Show) with
	chain steerage and Tyrell and Deed's Patent Governor

1 page

TR 3RLSClayton & Shuttleworth album page, plate 275b, 8hp DoublePH2/6/22Cylinder Traction Engine (Chester Royal Show) with chain<br/>steerage and Tyrell and Deed's Patent Governor. View from<br/>driving gear side Photo missing

TR 3RLS PH2/6/23	Clayton & Shuttleworth album page, plate 275c, 8hp view of inside of tender showing driving levers etc. Fittings etc. [Photo missing]
	1 page
TR 3RLS PH2/6/24	Clayton & Shuttleworth album page 25, plate 276a, 5ft 0" McEwan's machine Double crank long shakers, outside cup, elevators and 24" screen. View showing elevator and shakers
	1 page
TR 3RLS PH2/6/25	Clayton & Shuttleworth album page 26, plate 276b, 5ft 0" McEwan's machine Double crank long shakers, outside cup, elevators and 24" screen. View of driving side showing blower at end.
	1 page
TR 3RLS PH2/6/26	Clayton & Shuttleworth album page 27, plate 277a, 5ft 0" McEwan's Machine with extra large (30 ") screen and special framing at end to contain same, blower at end with slide instead of lifting up blower. Machine No. 26533 View from elevator side.
	1 page
TR 3RLS	Clayton & Shuttleworth album page 28, plate 277b, 5ft 0"
PH2/6/27	McEwan's Machine with extra large (30 ") screen and special framing at end to contain same, blower at end with slide instead of lifting up blower. Machine No. 26533 View shown blower side removed and internal riddles. View of driving side.

TR 3RLS PH2/6/28	Clayton & Shuttleworth album page 29, plate 278a, 2 1/2 hp Portable Engine with central cast iron fiddle shape engine frame. View from firebox end, flywheel side.
	1 page
TR 3RLS PH2/6/29	Clayton & Shuttleworth album page 30, plate 278b, 2 1/2 hp Portable Engine with central cast iron fiddle shape engine frame. View from smokebox end. Pump side
	1 page
TR 3RLS PH2/6/30	Clayton & Shuttleworth album page 31, plate 279a, 4ft 6" Rice Thrashing Machine with steel peg drum and canvas. Web feed elevator, double crank shaker and hood. Engine and machine at work
	1 page
TR 3RLS PH2/6/31	Clayton & Shuttleworth album page 32, plate 279b, 4ft 6" Rice Thrashing Machine with steel peg drum and canvas. Web feed elevator, double crank shaker and hood. Engine and machine at work. View from driving side showing rice in bundles on the elevator
	1 page
TR 3RLS PH2/6/32	Clayton & Shuttleworth album page 33, plate 280, Machine Drum and tumbler centers and half worm on board
	1 page

TR 3RLSClayton & Shuttleworth album page 34, plate 281a, 6ft 6PH2/6/33Large Vienna 1894 Pattern Machine with fixed hind blower<br/>shaker extension, third bearing for riddle crank (like<br/>Drysdale's) Automatic grease cups. New pattern lifting chocks<br/>as per Order No. 976 (1893 O.O.B.) Scaffold boards thrown<br/>back in photo to admit of more light on driving parts.

#### 1 page

TR 3RLSClayton & Shuttleworth album page, plate 281b, 4ft 6" LargePH2/6/34Vienna 1894 Standard Pattern Machine as described above.<br/>View from Driving side showing shaker end. [Photo missing]

#### 1 page

TR 3RLSClayton & Shuttleworth album page, plate 282a, 12hp LightPH2/6/35Traction Engine (10" cyl ) specially made for Drysdale & Co.<br/>1894/884 without usual tender but with stand for driver and<br/>fuel hopper arranged for burning straw. View of Chain Driving<br/>side. (Morris & Baston's Patent Steel Chain) [Photo missing]

1 page

TR 3RLSClayton & Shuttleworth album page, plate 282b, 12hp LightPH2/6/36Traction Engine (special for Drysdale & Co) 884/94 with<br/>projecting stand in lieu of tender. Portable type boiler. Chain<br/>drive from one side. (Morris & Baston's Patent Steel Chains).<br/>Arranged for burning straw. View of flywheel and pump side<br/>[Photo missing]

1 page

TR 3RLSClayton & Shuttleworth album page, plate 283a, StrawPH2/6/37Bruiser Parts Photographed separate on board. [Photo<br/>missing]

	1 page
TR 3RLS PH2/6/38	Clayton & Shuttleworth album page 39, plate 283b, Straw Bruiser Parts Photographed separate on board.
	1 page
TR 3RLS PH2/6/39	Clayton & Shuttleworth album page 40, plate 283c, Straw Bruiser Parts Photographed separate on board.
	1 page
TR 3RLS PH2/6/40	Clayton & Shuttleworth album page 41, plate 283d, Straw Bruiser Parts Photographed separate on board.
	1 page
TR 3RLS PH2/6/41	Clayton & Shuttleworth album page 42, plate 284a, 5ft 6" Vienna Machine BB with outside cup elevators, 30" Rainforth's screen, Wilder's self feeder, blower at and double crank shakers and with special best corn elevator at end of machine to carry best corn from delivery spout into an elevated hopper. View of elevator side. New lifting chocks
	1 page
TR 3RLS PH2/6/42	Clayton & Shuttleworth album page 43, plate 284b, 5ft 6" Vienna Machine BB with outside cup elevators, 30"

Rainforth's screen, Wilder's self feeder, blower at and double crank shakers and with special best corn elevator at end of machine to carry best corn from delivery spout into an elevated hopper. View of driving side. New lifting chocks

TR 3RLS	Clayton & Shuttleworth album page 44, plate 285, Chaff
PH2/6/43	Cutter with cover removed to show interchangeable gear
	wheels

1 page

TR 3RLSClayton & Shuttleworth album page 45, plate 286a, Holben'sPH2/6/44Patent Self Feeder fitted on 4ft 6" large machine. View of<br/>crank side showing tines together

1 page

TR 3RLSClayton & Shuttleworth album page 46, Holben's Patent SelfPH2/6/45Feeder fitted on 4ft 6" large machine. View of driving side<br/>showing tines at extreme position

1 page

TR 3RLSClayton & Shuttleworth album page 47, plate 287, 4ft 6" LargePH2/6/46machine on wood wheels for home orders with chaff elevator<br/>and sifter and blower at end. This machine was used at<br/>Heighington to try the Holben Feeder.

1 page

### TR 3RLSClayton & Shuttleworth album page 48, plate 288, MaizePH2/6/47Sheller longitudinal section

TR 3RLS PH2/6/48	Clayton & Shuttleworth album page 49, plate 289, 3ft 0" Mill and Crane showing new disengaging gear and oil cup on pillar connecting to bearing with tube.
	1 page
TR 3RLS PH2/6/49	Clayton & Shuttleworth album page 50, plate 290, 12hp Undertype double cylinder with link motion reversing gear and screw with Hand Wheel. Order O.O.B. 93 /1594 Made for Rose, Innes Cox & Co. Valparaiso (Santiago Show Engine)
	1 page
TR 3RLS PH2/6/50	Clayton & Shuttleworth album page 51, plate 291a, New Lifting Chocks. View showing how to use them with machine.
	1 page
TR 3RLS PH2/6/51	Clayton & Shuttleworth album page 52, plate 291b, New Lifting Chocks. View showing how to use them with machine and wedges on home machine
	1 page
TR 3RLS PH2/6/52	Clayton & Shuttleworth album page 53, New Lifting Chocks. View showing releasing chocks from wheels
	1 page
TR 3RLS PH2/6/53	Clayton & Shuttleworth album page 54, plate 292a, 8hp Helfferich Engine with flat footed cylinder less piston tail rod. With 2" longer Firebox. Water spark catcher. View from pump side.

TR 3RLS	Clayton & Shuttleworth album page 55, plate 292b, 8hp
PH2/6/54	Helfferich Engine with flat footed cylinder less piston tail rod.
	With 2" longer Firebox. Water spark catcher. View from
	flywheel side

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 56, plate 293, 16hp
PH2/6/55	Compound Fixed Engine No. 29151 for Steinemann Nabardi
	& Co. showing intercepting valve.

#### 1 page

## TR 3RLSClayton & Shuttleworth album page 56, plate 293, 16hpPH2/6/56Compound Fixed Engine No. 29151 for Steinemann Nabardi<br/>& co. showing intercepting valve.

1 page

TR 3RLSClayton & Shuttleworth album page 57, plate 294, YankeePH2/6/57Chaff Cutter fixed at end of 5ft 0" BB Drysdale's Machine (Oil<br/>Cups, Patent Divided Blast m blower behind) to elevate chaff,<br/>cavings and straw on one heap. See Order 603. View of<br/>driving side from shaker end. Small plate photo. NS

1 page

TR 3RLSClayton & Shuttleworth album page 58, plate 295, 16hpPH2/6/58Portable fixture boiler as usual for 'Undertype' engines. YardNo. 7722. with all fittings excepting pipes. Ramsbottom<br/>safety valve, stop valve and lever. Fitted with Patent<br/>Asbestos packed water gauge glasses and taps.

TR 3RLSClayton & Shuttleworth album page 59, plate 296, 5ft 0" BBPH2/6/59Drysdale's Machine with outside cups, shaker extension.<br/>Patent Divided Blast and chaff deliverer over fore-carriage.<br/>View showing Chaff deliverer and large underneath blower.

#### 1 page

TR 3RLSClayton & Shuttleworth album page 60, plate 297a, 4hp LongPH2/6/60stroke Fixed Engine with deeper throw crank instead of disc.<br/>Governor driven by gear instead of strap. View from pump<br/>side. Allan Paterson & Co. Pernamabres Order 1591

#### 1 page

TR 3RLSClayton & Shuttleworth album page 61, plate 297b, 4hp Long<br/>stroke Fixed Engine with deeper throw crank instead of disc.<br/>Governor driven by gear instead of strap. View from cylinder<br/>end from flywheel side. Allan Paterson & Co. Pernamabres<br/>Order 1591

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 62, plate 298, Stacker
PH2/6/62	with low down hopper at fore-carriage end

1 page

### TR 3RLSClayton & Shuttleworth album page 63, plate 299, Bean drumPH2/6/63& Concave shown in detail

TR 3RLSClayton & Shuttleworth album page 64, plate 300, Hornsby'sPH2/6/64Trusser on high wheels fixed to a 5ft 6" Large Ins. Cup<br/>Grease Machine long outrails and doors. E. L. Meyer Order<br/>No. 882 /94 View showing chain drive of the Trusser.

#### 1 page

TR 3RLSClayton & Shuttleworth album page 65, plate 301, 5ft 0" BBPH2/6/65Large Machine with extra long shakers but as usual for<br/>Castellannos & Dellucchi Yard No. 7877 No. of machine<br/>27610. View of driving side from shaker end. This photo<br/>ordered to obtain block to pair with No. 281 for export<br/>catalogue

1 page

TR 3RLSClayton & Shuttleworth album page 66, plate 302a, OilPH2/6/66Engine Class B (2 1/2 hp) Fixed of new pattern with blow<br/>lamp and air pump. View of flywheel side showing oil tank<br/>and lamp for starting.

1 page

TR 3RLSClayton & Shuttleworth album page 67, plate 302b, OilPH2/6/67Engine Fixed Class B (2 1/2 BHP) as above view showing air<br/>and water pump and overflow pipe on driving pulley side.

1 page

TR 3RLS Clayton & Shuttleworth Album no 10 PH2/7/1-67

1 vol

TR 3RLSClayton & Shuttleworth album page 1, plate 366C, 5ft 0" La.PH2/7/1Drysdale Machine to 28348 End view showing Front Chaff<br/>discharge & Shaker Boxes (For side views and further details<br/>see Album No. 9

1 page

TR 3RLSClayton & Shuttleworth album page 2, plate 367, 8hp ViennaPH2/7/2Strawburner Portable Engine View showing new Governor<br/>segment only

1 page

TR 3RLSClayton & Shuttleworth album page 3, plate 368, MachinePH2/7/3Fittings (Drysdale's) showing Board, comprising specialties of<br/>Barley Awner & Rotary Screen pulley

1 page

TR 3RLSClayton & Shuttleworth album page 4, plate 369A, 2ft 6inPH2/7/4Small Thrashing Machine with single drum for cutting and<br/>bruising straw. Grease lubrication (Blower to Straw Riddle<br/>Yard No. 8893 Thrashing Drum 24" in diameter. Originally<br/>made for Societa Romana but not ordered forward and<br/>afterwards altered to a double drum machine for Steinmann<br/>Nabardi & Co. See OOB. 1896 No. 976

1 page

TR 3RLSClayton & Shuttleworth album page 5, plate 369B, 2ft 6inPH2/7/5Small Thrashing Machine with single drum for cutting and<br/>bruising straw. Grease lubrication (Blower to Straw Riddle<br/>Yard No. 8893 Thrashing Drum 24" in diameter. Originally<br/>made for Societa Romana but not ordered forward and

afterwards altered to a double drum machine for Steinmann Nabardi & Co. See OOB. 1896 No. 976 View of opposite side from 369A

1 page

TR 3RLSClayton & Shuttleworth album page 6, plate 370A, 2ft 0"PH2/7/6Small Thrashing Machine with 20" Wood Beater Drum<br/>Grease Lubrication Double Blast Machine i.e. less Corn<br/>Screen and less second dressing fiddle but with second small<br/>blower. Less barley awner and screen made for Societa<br/>Romana and Numbered 28366

1 page

TR 3RLSClayton & Shuttleworth album page 7, plate 370B, 2ft 0"PH2/7/7Small Thrashing Machine with 20" Wood Beater Drum<br/>Grease Lubrication Double Blast Machine i.e. less Corn<br/>Screen and less second dressing fiddle but with second small<br/>blower. Less barley awner and screen made for Societa<br/>Romana and Numbered 28366 View opposite side from 370A

1 page

TR 3RLSClayton & Shuttleworth album page 8, plate 371, YankeePH2/7/8Elevator fittings as supplied to Drysdale

1 page

TR 3RLSClayton & Shuttleworth album page 9, plate 372, 25ft StackerPH2/7/9No. 3970 showing manner of fixing protecting boards for sea<br/>journey. Photographed to show Mr. Helfferich 21.4.1896

Clayton & Shuttleworth album page 10, plate 373, 25 hp Lancashire Boiler complete with stop valve, 2 safety valves, pressure gauge, water gauges, man hole etc. as 1894 OOB No. 167 for King & Scarborough. Sent with Fixed Engine 20hp No. 30575 9 July 1896
1 page
Clayton & Shuttleworth album page 11, plate 374, Board of Drysdale's Special Cylinder and separate cylinder foot, 2 crank brackets, tubing etc.24.5.1896 24 May 1896
1 page
Clayton & Shuttleworth album page 12, Two views of factory and yard 9 July 1896
1 page
Clayton & Shuttleworth album page 13, plate 375A, 4hp 'C' Portable Oil Engine No. 171 with water cooling tank underneath the engine. Pulley 24" x 10. Showing Starting handle 9.7.1896 9 July 1896
1 page
Clayton & Shuttleworth album page 14, plate 375B, 4hp 'C' Portable Oil Engine No. 171 with water cooling tank underneath the engine. With starting lamp driving pulley (24" x 10") and P.L. chocks. View of cylinder end showing piping for water circulation. 9.7.1896

TR 3RLS PH2/7/15	Clayton & Shuttleworth album page 15, plate 376, Patent Lifting Chocks packed in case for shipment to J. & J. Drysdale & Co. 28 July 1896
	1 page
TR 3RLS PH2/7/16	Clayton & Shuttleworth album page 16, Thrashing Machines & Portable loaded for transportation by rail 28 July 1896
	1 page
TR 3RLS PH2/7/17	Clayton & Shuttleworth album page 17, Thrashing Machines & Portable loaded for transportation by rail 28 July 1896
	1 page
TR 3RLS PH2/7/18	Clayton & Shuttleworth album page 18, plate 377A, Patent Lifting Chocks (Shuttleworth Wilkinson & Gambles Patent) showing mode of leverage and chocking 28.7.1896 28 July 1896
	1 page
TR 3RLS PH2/7/19	Clayton & Shuttleworth album page 19, plate 377B, Patent Lifting Chocks (Shuttleworth Wilkinson & Gambles Patent) showing mode of leverage and chocking 28.7.1896 28 July 1896
	1 page
TR 3RLS PH2/7/20	Clayton & Shuttleworth album page 20, plate 377C, Patent Lifting Chocks (Shuttleworth Wilkinson & Gambles Patent) showing mode of leverage and chocking 28.7.1896 28 July 1896

TR 3RLS PH2/7/21	Clayton & Shuttleworth album page 21, plate 377D, Patent Lifting Chocks (Shuttleworth Wilkinson & Gambles Patent)
	showing mode of leverage and chocking 28.7.1896
	28 July 1896

1 page

TR 3RLSClayton & Shuttleworth album page 22, plate 378A, 4ft 6PH2/7/22Large Thrashing Machine equipped as customary for New<br/>Zealand but with 30" Rotary Screen P.D.B. and Front<br/>Discharge ? No. 28690 Order 499 1896 McEwan &<br/>Co.31.7.1896<br/>31 July 1896

1 page

TR 3RLSClayton & Shuttleworth album page 23, plate 378B, 4ft 6PH2/7/23Large Thrashing Machine equipped as customary for New<br/>Zealand but with 30" Rotary Screen P.D.B. and Front<br/>Discharge ? No. 28690 Order 499 1896 McEwan & Co.<br/>31.7.1896<br/>31 July 1896

1 page

TR 3RLSClayton & Shuttleworth album page 24, plate 379, CoultasPH2/7/24Chimney Raiser parts displayed on a board.

1 page

TR 3RLSClayton & Shuttleworth album page 25, plate 380, 16hpPH2/7/25Portable Compound Boiler (Loco type) mounted on iron<br/>wheels and fitted with Stop Valve, |Safety valve, Injector<br/>Whistle etc and gauged to work at 140lb steam pressure.<br/>See OOB 635 1896 Fitted with donkey pump Pearn's and<br/>screw bar brake. Boiler No. 30677 Made for Robinson & Co.<br/>and delivered to the Cape.26.8.1896

26 August 1896

1 page

TR 3RLS	Clayton & Shuttleworth album page 26, plate 381, 14hp
PH2/7/26	Portable Fixture Loco Type Boiler, Barrel and fire box all Steel
	with unusual mountings and also fitted with Donkey Pump
	(Pearn's) fixed to the Fire Box. No., 3085 See OOB 653

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 27, plate 382A, 8hp
PH2/7/27	Portable Engine with Brake and Injector also fitted with the
	Hartnell governor, automatic Expansion Gear Injector and
	Pump. The governor driven by chain. Fire box 8 3/4" over
	standard length. Brake No. 30696. Supplied to Dunn n& Co.
	for delivery Capetown. (See OOB 594. 1896)
	1896

1 page

#### TR 3RLS Clayton & Shuttleworth album page 28, plate 382B

PH2/7/28

1 page

TR 3RLSClayton & Shuttleworth album page 29, plate 383, 8hpPH2/7/29Portable Engine (Yard No. 9235) with improved Port holes<br/>etc. Home made new (Partridge's) Governor 7.9.1896<br/>7 September 1896

1 page

# TR 3RLSClayton & Shuttleworth album page 30, plate 384A, 16hpPH2/7/30Double Cylinder Portable Engine No. 30705 Standard<br/>Pattern. View of Front near side from Fire Box end

TR 3RLSClayton & Shuttleworth album page 31, plate 384B, 16hpPH2/7/31Double Cylinder Portable Engine Standard Pattern. View of<br/>Smoke Box end pump side

1 page

TR 3RLSClayton & Shuttleworth album page 32, plate 385A, 12hp 'G'PH2/7/32Fixed Petroleum Engine No. 165 with automatic igniter and<br/>centrifugal Governor. Exhaust pipe arranged for discharge<br/>underground and complete with all pipe connections and oil<br/>tank. View of Gear Side

1 page

TR 3RLSClayton & Shuttleworth album page 33, plate 385B, 12hp 'G'PH2/7/33Fixed Petroleum Engine No. 165 with automatic igniter and<br/>centrifugal Governor. Exhaust pipe arranged for discharge<br/>underground and complete with all pipe connections and oil<br/>tank. View of Pump Side

1 page

TR 3RLSClayton & Shuttleworth album page 34, plate 386, ShakerPH2/7/34Exterior Lever 'Lincoln pattern' a new systems arranged by<br/>Gamble as an improvement upon 'Vienna' pattern

1 page

TR 3RLSClayton & Shuttleworth album page 35, plate 387A,PH2/7/35Combined Thrashing Machine & Kibbling Mill consisting of a<br/>4ft 6 Large Machine No. 28751 with Chaff sifter and bagger<br/>chocked with the new Shuttleworth, Wilkinson & Gamble<br/>Patent Lifting Chocks and fitted with a Nicholson & Sons<br/>(Newark) Kibbling Mill No. 14A driven from the Drum spindle

and arranged for turning behind the machine on a jointed bracket when not a work. View of Machine showing Mill in position for work.

1 page

TR 3RLS Clayton & Shuttleworth album page 36, plate 387B,
PH2/7/36 Combined Thrashing Machine & Kibbling Mill consisting of a 4ft 6 Large Machine No. 28751 with Chaff sifter and bagger chocked with the new Shuttleworth, Wilkinson & Gamble Patent Lifting Chocks and fitted with a Nicholson & Sons (Newark) Kibbling Mill No. 14A driven from the Drum spindle and arranged for turning behind the machine on a jointed bracket when not a work. View of Machine showing Mill in position for work.

1 page

TR 3RLS Clayton & Shuttleworth album page 37, plate 387C,
PH2/7/37 Combined Thrashing Machine & Kibbling Mill consisting of a 4ft 6 Large Machine No. 28751 with Chaff sifter and bagger chocked with the new Shuttleworth, Wilkinson & Gamble Patent Lifting Chocks and fitted with a Nicholson & Sons (Newark) Kibbling Mill No. 14A driven from the Drum spindle and arranged for turning behind the machine on a jointed bracket when not a work. View of Machine showing Mill in position for work. View showing Mill turned to the back.

1 page

TR 3RLSClayton & Shuttleworth album page 38, plate 388A, 5 knifePH2/7/38Chaff Cutter No. 275 on four wheels with a Nicholson's No.<br/>14A Kibbling Mill affixed to frame. View of Elevator side.

TR 3RLS PH2/7/39	Clayton & Shuttleworth album page 39, plate 388B, 5 knife Chaff Cutter No. 275 on four wheels with a Nicholson's No. 14A Kibbling Mill affixed to frame. End view showing Shoe
	1 page
TR 3RLS PH2/7/40	Clayton & Shuttleworth album page 40, plate 389A, 4ft 6 Large Machine (Yard No. 8692) with double crank shakers as ordinarily used for Home customers.
	1 page
TR 3RLS PH2/7/41	Clayton & Shuttleworth album page 41, plate 389B, 4ft 6 Large Machine (Yard No. 8692) with double crank shakers as ordinarily used for Home customers.
	1 page
TR 3RLS PH2/7/42	Clayton & Shuttleworth album page 42, plate 390A, 4ft 6" Large Machine (Yard No. 9215) with single crank shaker Chaff Lifting and Bagging Apparatus as supplied to Home customers. View of Driving Side delivery end
	1 page
TR 3RLS PH2/7/43	Clayton & Shuttleworth album page 43, plate 390B, 4ft 6" Large Machine (Yard No. 9215) with single crank shaker Chaff Lifting and Bagging Apparatus as supplied to Home customers. View of Elevator side, shaker end.
	1 nage

# TR 3RLSClayton & Shuttleworth album page 44, plate 391, No. 3PH2/7/44Sawbench with new style hard bearing, fast and loose<br/>pulleys, guide for, weight etc. No. 1039 as supplied with<br/>special trolleys to Mr. Walter's ('Times') Order See OOB 704<br/>1896

#### 1 page

TR 3RLSClayton & Shuttleworth album page 45, plate 392A, 10hp Set<br/>taken at work at Heighington 3.11.1896 comprising a 10hp<br/>engine of new pattern as made to particulars furnished by Ifor<br/>Vienna Branch, fitted with the new 'Umrath' Governor, Head &<br/>Schemioth's Strawburner with round fire door, chimney raiser<br/>etc. Yard No. 9111 and a 4ft 6" Large Machine with Chaff<br/>Elevator and Sifter also new kind (equal throw\_) double<br/>shaker cranks called 'Clarkes' Shaker Cranks' No. 9203 (Yard<br/>No.) and a Straw Elevator

#### 1 page

**TR 3RLS PH2/7/46** Clayton & Shuttleworth album page 46, plate 392B, 10hp Set taken at work at Heighington 3.11.1896 comprising a 10hp engine of new pattern as made to particulars furnished by Ifor Vienna Branch, fitted with the new 'Umrath' Governor, Head & Schemioth's Strawburner with round fire door, chimney raiser etc. Yard No. 9111 and a 4ft 6" Large Machine with Chaff Elevator and Sifter also new kind (equal throw\_) double shaker cranks called 'Clarkes' Shaker Cranks' No. 9203 (Yard No.) and a Straw Elevator Shown with dynamometer coupled to the engine. The whole taken under the personal superintendence of Mr. Wilkinson

1 page

TR 3RLSClayton & Shuttleworth album page 47, plate 393A, 4ft 6"PH2/7/47Large Out Cup Machine No. 28759 (Hurton Reepham) with<br/>Patent Divided Blast and Front Chaff Delivery. Screen fitted<br/>At fore-carriage end to special order. Extra pulley fitted on<br/>Drum spindle to drive Chaff Cutter

TR 3RLSClayton & Shuttleworth album page 48, plate 393B, 4ft 6"PH2/7/48Large Out Cup Machine No. 28759 (Hurton Reepham) with<br/>Patent Divided Blast and Front Chaff Delivery. Screen fitted<br/>At fore-carriage end to special order. Extra pulley fitted on<br/>Drum spindle to drive Chaff Cutter Viewed from opposite<br/>corner to 393A

1 page

TR 3RLSClayton & Shuttleworth album page 49, plate 394, 10hpPH2/7/49Single Cylinder Helfferich's Engine (Yard No. 9091) with<br/>special Strawburnng Apparatus combining the Head &<br/>Schemioth's systems.

1 page

TR 3RLSClayton & Shuttleworth album page 50, plate 395, 5ft 6 LargePH2/7/50Machine No. 28767 End View Vancamp's Order NO. 9851896 Fitted with a Howard's double string suspended Trusser<br/>with special stays to support same.

1 page

TR 3RLSClayton & Shuttleworth album page 51, plate 396A, 35HPPH2/7/51Single Cylinder Long Stroke Fixed Engine with disc instead of<br/>crank, Automatic Expansion Tyrell & Deed's Patent high<br/>speed Governor, mounted on a Cast Iron Bedplate. Yard No.<br/>of Engine 8797. View of Governor side, cylinder end.

TR 3RLS PH2/7/52	Clayton & Shuttleworth album page 52, plate 396B, 35HP Single Cylinder Long Stroke Fixed Engine with disc instead of crank, Automatic Expansion Tyrell & Deed's Patent high speed Governor, mounted on a Cast Iron Bedplate. Yard No. of Engine 8797. View from disc corner
	1 page
TR 3RLS PH2/7/53	Clayton & Shuttleworth album page 53, plate 397A, 40hp Compound Fixed Engine with Tyrell & Deed's Patent Governor, Automatic Expansion, Intercepting Valve and mounted on wrought iron Girder frame. Yard No. 9080. View of Cylinder end from Flywheel side.
	1 page
TR 3RLS PH2/7/54	Clayton & Shuttleworth album page 54, plate 397B, 40hp Compound Fixed Engine with Tyrell & Deed's Patent Governor, Automatic Expansion, Intercepting Valve and mounted on wrought iron Girder frame. Yard No. 9080. View of Pump Side Crank End.
	1 page
TR 3RLS PH2/7/55	Clayton & Shuttleworth album page 55, plate 398, 6hp 'D' oil Engine No. 163 complete withy Automatic Ignition, Oil Tank, Silencing Box, Water Vessel and connecting pipes, exhaust pipe pulley etc. also two flywheels. Specially arranged for showing at Cape Town
	1 page
TR 3RLS PH2/7/56	Clayton & Shuttleworth album page 56, plate 399A, 4hp 'C' Fixed Oil Engine No. 197 with new Cast Iron bed, Automatic Igniter Oil Tank, 2 Starting Lamps, pulley etc. for order of Jas. Robertson & Co. Cape Town. View of Engine with Oil Tank, Lamps & Pulley removed.

TR 3RLSClayton & Shuttleworth album page 57, plate 399B, 4hp 'C'PH2/7/57Fixed Oil Engine No. 197 with new Cast Iron bed, Automatic<br/>Igniter Oil Tank, 2 Starting Lamps, pulley etc. for order of Jas.<br/>Robertson & Co. Cape Town. View of Engine with Oil Tank,<br/>Lamps & Pulley removed. Viewed differently

1 page

TR 3RLSClayton & Shuttleworth album page 58, plate 399C, 4hp 'C'PH2/7/58Fixed Oil Engine No. 197 with new Cast Iron bed, AutomaticIgniter Oil Tank, 2 Starting Lamps, pulley etc. for order of Jas.Robertson & Co. Cape Town. View of Engine with Oil Tank,Lamps & Pulley removed. Viewed with Oil Tank and Lampsand pulley fitted on.

1 page

TR 3RLS<br/>PH2/7/59Clayton & Shuttleworth album page 59, plate 399D, 4hp 'C'<br/>Fixed Oil Engine No. 197 with new Cast Iron bed, Automatic<br/>Igniter Oil Tank, 2 Starting Lamps, pulley etc. for order of Jas.<br/>Robertson & Co. Cape Town. View of Engine with Oil Tank,<br/>Lamps & Pulley removed. Same view as 399A but complete<br/>with Tank etc.

1 page

TR 3RLSClayton & Shuttleworth album page 60, plate 400, 5ft 0" LargePH2/7/60Machine (Helfferich's) Yard No. 9274 fitted with New Feeder<br/>made to Mr. Allsopp's particulars. Chain

TR 3RLS PH2/7/61	Clayton & Shuttleworth album page 61, plate 401A, 9hp Class 'F' Portable Oil Engine No. 187 with automatic igniter, Water circulating pump and hose and Water Cooling tank fixed underneath engine. Fitted with 24" x 12" pulley complete with Oil Tank Slipper and chain. View from pump side.
	1 page
TR 3RLS PH2/7/62	Clayton & Shuttleworth album page 62, plate 401B, 9hp 'F' Class Engine as above. View of Flywheel side. Cylinder end.
	1 page
TR 3RLS PH2/7/63	Clayton & Shuttleworth album page 63, plate 402, 3hp Portable Steam Engine (Yard No. 9431) for Societa Romana. Photo taken to show special 'Pillar' Safety Valve
	1 page
TR 3RLS PH2/7/64	Clayton & Shuttleworth album page 64, plate 403, Portable Steam Engine Chimney fitted with the 'American' Spark Catcher as intended for use with 1897 German engines.
	1 page
TR 3RLS PH2/7/65	Clayton & Shuttleworth album page 65, plate 404, New Patent Lifting Chocks (Shuttleworth Wilkinson & Gamble's with fixed hook instead of pawl.
	1 page
TR 3RLS PH2/7/66	Clayton & Shuttleworth album page 66, plate 405A, 10hp Helfferich's Engine No. 30825 fitted with new Governor. Adjustable Eccentric sheave, Piston tail rod, Wrought Iron ladder with cast steps, 'Coultas' Chimney Raiser and the new

'American' Spark Catcher. Also broader tyres on traveling wheels. View of Pump side, Fire Box end.

#### 1 page

TR 3RLSClayton & Shuttleworth album page 67, plate 405B, 10hpPH2/7/67Helfferich's Engine No. 30825 fitted with new Governor.<br/>Adjustable Eccentric sheave, Piston tail rod, Wrought Iron<br/>ladder with cast steps, 'Coultas' Chimney Raiser and the new<br/>'American' Spark Catcher. Also broader tyres on traveling<br/>wheels. View of Pump side, Fire Box end.

1 page

#### TR 3RLS Clayton & Shuttleworth Album no 11

PH2/8/1-68

#### 1 vol

TR 3RLSClayton & Shuttleworth album page 1, plate 406A, PumpingPH2/8/1Engine driven by a belt from an intermediate spindle and<br/>fitted with fast and loose pulleys conveying the power to<br/>pumping spindle by means of steel gear wheels. The whole<br/>mounted on a wrought iron frame. The pulleys are fitted with<br/>belt-shift-fork. View showing the gear side of engine.

1 page

### **TR 3RLS**Clayton & Shuttleworth album page 2, plate 406B, Pumping**PH2/8/2**Engine as above. End view showing crank

TR 3RLS PH2/8/3	Clayton & Shuttleworth album page 3, plate 407A, Treble barrel deep well pump by Hayward Tyler & Co. to be driven by engine Above described. The pump has central suction and delivery. View showing side with valve doors.
	1 page
TR 3RLS PH2/8/4	Clayton & Shuttleworth album page 4, plate 407B, Deep well Pump as above. View showing delivery pipe supported on Cast Iron standard.
	1 page
TR 3RLS PH2/8/5	Clayton & Shuttleworth album page 5, plate 406C, Pumping Engine as photograph 406A now shown with one pump rod connected to steel gear wheel
	1 page
TR 3RLS PH2/8/6	Clayton & Shuttleworth album page 5, plate 406D, Pumping Engine as photograph 406A now shown with one pump rod connected to steel gear wheel. Side view.
	1 page
TR 3RLS PH2/8/7	Clayton & Shuttleworth album page 6, plate 406E, Pumping Engine as photograph 406A now shown with one pump rod connected to steel gear wheel. Pump Rod Details
	1 page
TR 3RLS	1 page Clayton & Shuttleworth album page 7, plate 408A, 6hp 'D'
PH2/8/8	Portable Oil Engine No. 157 with water cooling tank underneath and an additional loose cooling tank on ground. This is the first engine with enlarged cylinder and is fitted with

	inertia governor and besides all usual fittings a tap for the discharge of hot water from the upper into the lower tank. The engine has also Flywheel and pulley 18 X 8" at the time of being photographed made for J. H. Howard, Sydney. OBOE Order 1057.
	1 page
TR 3RLS PH2/8/9	Clayton & Shuttleworth album page 8, plate 408B, 6hp Portable Oil Engine as 408A. Opposite view showing India rubber pipe connecting the two tanks.
	1 page
TR 3RLS PH2/8/10	Clayton & Shuttleworth album page 9, plate 408C, 6hp Portable Oil Engine 408A. Less second sheet iron cooling tank on ground floor
	1 page
TR 3RLS PH2/8/11	Clayton & Shuttleworth album page 10, plate 409A, New Machine Drum Shuttleworth & Gamble's Patent with beater plates specially rolled and arranged to bolt on below the ribbed surface. Drum complete with four malleable centres and fitted with all pulleys, bearings and automatic grease cups.
	1
TR 3RLS PH2/8/12	1 page Clayton & Shuttleworth album page 10, plate 409B, New Machine Drum Shuttleworth & Gamble's Patent with beater plates specially rolled and arranged to bolt on below the ribbed surface. Drum complete with four malleable centers and fitted with all pulleys, bearings and automatic grease cups. End View

TR 3RLSClayton & Shuttleworth album page 11, plate 410A, 8hpPH2/8/13Portable Engine - Packed for shipment in a special manner to<br/>sit Welch Perrin & Co. Melbourne. The wheels are removed<br/>and packed separately. The engine is no. 30892

1 page

TR 3RLSClayton & Shuttleworth album page 12, plate 410B, 8hpPH2/8/14Portable Engine - Packed for shipment in a special manner to<br/>sit Welch Perrin & Co. Melbourne. The wheels are removed<br/>and packed separately. The engine is no. 30892. View from<br/>smokebox end.

1 page

TR 3RLSClayton & Shuttleworth album page, plate 411, 8hp PortablePH2/8/15Engine No. 30895. Yarded No. 94090 mounted on trolley<br/>wheels flanged to suit railway lines and of usual gauge. With<br/>gripping jacks on each side of engine and in other respects<br/>made to the order of Fishguard Co. for stone breaking as per<br/>1897 OOB 242. View of pump side, firebox end.

1 page

TR 3RLSClayton & Shuttleworth album page, plate 412, 5ft 0"PH2/8/16Thrashing Machine No. 28878 made for Welch Perrin & Co.<br/>wi9th outside cup elevators, brake, pulleys At Shaker End for<br/>driving an elevator to be supplied abroad. Fitted with a 20"<br/>standard screen

TR 3RLS PH2/8/17	Clayton & Shuttleworth album page 15, plate 413A, 8hp first Vertical Steam Engine No. 31004 complete with boiler and all mountings and chimney. Fitted with a 'Pickering' type high speed governor. Cylinder 9 X 12"
	1 page
TR 3RLS PH2/8/18	Clayton & Shuttleworth album page 16, plate 414A, 5' 0 Large Thrashing Machine with Lincoln pattern Shaker Extension. View of driving side, shaker end. Yard No. 9471
	1 page
TR 3RLS PH2/8/19	Clayton & Shuttleworth album page 17, plate 414B, 5' 0 Large Thrashing Machine with Lincoln pattern Shaker Extension. View of driving side, shaker end. Yard No. 9471. View of pulley guards and elevator side Screen end.
	1 page
TR 3RLS PH2/8/20	Clayton & Shuttleworth album page 18, plate 414C, 5' 0" Large Machine as 414A End view showing new Shaker Lever Joints for working the 'Lincoln' pattern Shaker Extension
	1 page
TR 3RLS PH2/8/21	Clayton & Shuttleworth album page 19, plate 415A, 8hp Vertical Steam Engine No. 31005 with 9 X 12" cylinder fitted with crankshaft governor. End view showing the governor in foreground

TR 3RLS PH2/8/22	Clayton & Shuttleworth album page 20, plate 415B, 8hp Vertical Steam Engine No. 31005 with 9 X 12" cylinder fitted with crankshaft governor. End view showing the governor in foreground. View from corner. Side of starting handle
	1 page
TR 3RLS PH2/8/23	Clayton & Shuttleworth album page 21, plate 415C, 8hp Vertical Steam Engine No. 31005 with 9 X 12" cylinder fitted with crankshaft governor. End view showing the governor in foreground. Viewed from flywheel side.
	1 page
TR 3RLS PH2/8/24	Clayton & Shuttleworth album page, plate 416A, 4' 0" Small size Separate Straw bruising machine with frame 9" lower than heretofore, and mounted on four wrought iron wheels. Complete with driving pulley, flywheel etc. No. 29112. Yard No. 9560
	1 page
TR 3RLS PH2/8/25	Clayton & Shuttleworth album page 23, plate 416B, 4' 0" Small size Separate Straw bruising machine with frame 9" lower than heretofore, and mounted on four wrought iron wheels. Complete with driving pulley, flywheel etc. No. 29112. Yard No. 9560 View showing intermediate gear.
	1 page
TR 3RLS PH2/8/26	Clayton & Shuttleworth album page 24, plate 417A, Oil Engine Reversing Gear view showing markings on gear to show relative positions of corn mill crank etc.

TR 3RLSClayton & Shuttleworth album page 24, plate 417B, Enlarged<br/>view of gear wheels only, showing "0" engaged for revolving<br/>from left to right. Taken for engraver's purposes.

1 page

TR 3RLSClayton & Shuttleworth album page 25, plate 418, 12hp 'G'PH2/8/28Portable Oil Engine No. 217 with water cooling tank<br/>underneath. Engine complete with two flywheels and pulley<br/>and taken for Block

1 page

TR 3RLSClayton & Shuttleworth album page 26, plate 419, 4'6" LargePH2/8/29Thrashing Machine No. 29233 with single crank shaker, Pat.<br/>Div. last less Front Chaff Delivery as the Chaff Bagging<br/>Apparatus is affixed, together with along galvanized spout<br/>30ft x 5 1/2 Diameter. From top of chaff elevator arranged to<br/>turn so as to deliver at any angle. 8 3/4" pulley affixed to<br/>drum spindle for driving a Straw Press. The machine is fitted<br/>with a Brake and the whole supplied to special order of<br/>Underwood & Son, Brentford (for France) as per OOB 795/6<br/>1897

1 page

TR 3RLSClayton & Shuttleworth album page 27, plate 420, 4' 6 LargePH2/8/30Machine No. 29234 exactly as above but with double crank<br/>shaker

TR 3RLSClayton & Shuttleworth album page 28, plate 421, 24"PH2/8/31Elevator for Straw received from Mr. Fox, Potterhanworth for<br/>repairs and remodelled to instructions given to Gamble. The<br/>side frames are of straight boards as distinguished from the<br/>old pattern.

1 page

TR 3RLSClayton & Shuttleworth album page 29, plate 421B, 24"PH2/8/32Elevator for Straw received from Mr. Fox, Potterhanworth for<br/>repairs and remodelled to instructions given to Gamble. The<br/>side frames are of straight boards as distinguished from the<br/>old pattern.

1 page

TR 3RLSClayton & Shuttleworth album page 30, plate 422A, 3' 0"PH2/8/33Small Thrashing Machine Yard No. 9654 as made for the<br/>Engineering & Co. 'Bellins, Frederich of Odessa. Fitted with<br/>Pat. Div. Blast, Front Chaff Delivery, blown at end of double<br/>shaker cranks.

1 page

TR 3RLSClayton & Shuttleworth album page 31, plate 422B, 3' 0" MallPH2/8/34Thrashing Machine Yard No. 9654 as made for the<br/>Engineering & Co. 'Bellins, Frederich of Odessa. Fitted with<br/>Pat. Div. Blast, Front Chaff Delivery, blown at end of double<br/>shaker cranks. View of same side but shaker end.

1 page

TR 3RLSClayton & Shuttleworth album page 32, plate 423, 6hpPH2/8/35Standard Portable Engine Yard No. 9678 with new Governor<br/>and adjacent expansion sheave, driving a 6" Centrifugal<br/>pump No. 119 with single standard and single pulley. (Taken<br/>for Robinson & Co.'s Block.

TR 3RLSClayton & Shuttleworth album page 33, plate 424, 7hp 'E'PH2/8/36Fixed Oil Engine Yard No. 9760 with Automatic Ignition and<br/>balanced flywheel driving pump as in 423 (Taken for<br/>Robinson's block)

1 page

TR 3RLSClayton & Shuttleworth album page 34, plate 425, 7hp 'E'PH2/8/37Fixed Oil Engine as above but driving a 3' 6 Single Corn Mill<br/>No. 1125 (Taken for Robinson's Block)

1 page

TR 3RLSClayton & Shuttleworth album page 35, plate 426A, 12hpPH2/8/38Cornish Boiler 15ft long x 4' 8" diameter. of Siemens Martin<br/>steel plates and wrought iron furnace front. Fitted with two<br/>'Galloway' Tubes, two safety valves (one dead weight and<br/>one lever of weight) Junction Stop Valve and a Gresham &<br/>Craven's Injector. Yard No. 9817

1 page

TR 3RLSClayton & Shuttleworth album page 36, plate 426B, 12hpPH2/8/39Cornish Boiler as above described and fitted with pipe<br/>connections and Donkey Feed Pump with 4" cylinder and all<br/>complete as per order of Hinckley Urban District Council<br/>OOB 782/1897

TR 3RLS PH2/8/40	Clayton & Shuttleworth album page 37, plate 427A, 6hp New type Traction Engine No. 31262 with High Speed Governor (as used on portables) Ramsbottom Safety Valve, Water Lift, Chain Steerage, Suction Hose, 2 lamps.
	1 page
TR 3RLS PH2/8/41	Clayton & Shuttleworth album page 38, plate 427B, 6hp New type Traction Engine No. 31262 with High Speed Governor (as used on portables) Ramsbottom Safety Valve, Water Lift, Chain Steerage, Suction Hose, 2 lamps. View of Pump Side
	1 page
TR 3RLS PH2/8/42	Clayton & Shuttleworth album page 39, plate 428A, 4hp 'C' First Vertical Oil Engine (Yard No. 95811) with Automatic Ignition Inertia Governor, Water Pump, Sight feed lubricator, Oil tank etc. etc.
	1 page
TR 3RLS PH2/8/43	Clayton & Shuttleworth album page 40, plate 428B, 4HP 'C' First Vertical Oil Engine (Yard 9581) same view as 428A
	1 page
TR 3RLS PH2/8/44	Clayton & Shuttleworth album page 41, plate 428C, 4HP 'C' First Vertical Oil Engine (Yard 9581) same view as 428A Opposite View showing crank and sight feed lubricator

**TR 3RLS**Clayton & Shuttleworth album page 42, plate 428D, 4HP 'C'**PH2/8/45**First Vertical Oil Engine (Yard 9581) End View

#### 1 page

TR 3RLSClayton & Shuttleworth album page 43, plate 429, Train of<br/>6hp Traction Engine (new type) No. 31262 (See photo 427A)<br/>and two six ton wagons Nos. 65 & 66 extra strong made for<br/>H. M. War Dept. (See OOB 803, 1897) complete with Bar<br/>Brakes to hind wheels. Tool Box on left-hand side of each<br/>wagon

1 page

TR 3RLSClayton & Shuttleworth album page 44, plate 430, 6tonPH2/8/47Traction Wagon No. 65 extra strongly made and fitted with<br/>toolbox and brake for Curragh Camp. See OOB 803 1897

1 page

TR 3RLSClayton & Shuttleworth album page 45, plate 431A, 4' 62PH2/8/48Small Thrashing Machine No. 29273 with new Patent Drum<br/>d.c. shaker and shaker extension, also bar brake and outside<br/>cup elevators of same size as used for 'Large' size<br/>machines. With Chaff Sifter and specially long Chaff Elevator<br/>spout to carry 27ft above the top of the machine. Made for<br/>Salmson & Co. clients the Societe de Pallies of Fourages,<br/>Soissons, as per OOB. 8467 1897

1 page

TR 3RLSClayton & Shuttleworth album page 46, plate 431B, 4' 6"PH2/8/49Small Machine as above viewed from Shaker End and<br/>showing the chaff being discharged into a building. The<br/>round chaff pipe is 8 meters long and in two lengths. 6"<br/>diameter. X 18g with flanged joints and 4 bends and is<br/>supported on two pairs of two legged wood props.

TR 3RLSClayton & Shuttleworth album page 47, plate 431C, 4' 6"PH2/8/50Small Machine as above viewed from Shaker End and<br/>showing the chaff being discharged into a building. The<br/>round chaff pipe is 8 meters long and in two lengths. 6"<br/>diameter. X 18g with flanged joints and 4 bends and is<br/>supported on two pairs of two legged wood props. View<br/>showing horizontal discharge of chaff into space.

1 page

TR 3RLSClayton & Shuttleworth album page 48, plate 431D, 4' 6"PH2/8/51Small Machine as above viewed from Shaker End and<br/>showing the chaff being discharged into a building. The<br/>round chaff pipe is 8 meters long and in two lengths. 6"<br/>diameter. X 18g with flanged joints and 4 bends and is<br/>supported on two pairs of two legged wood props. View<br/>showing vertical discharge of chaff into space.

1 page

TR 3RLSClayton & Shuttleworth album page, plate 432, 8hp FixedPH2/8/52Long stroke Engine with 10" cylinder No. 30722 fitted with<br/>Tyrell & Deeds Patent Governor, Automatic Expansion and<br/>Sight Feed Lubricator.

1 page

TR 3RLSClayton & Shuttleworth album page, plate 433, WindingPH2/8/53Engine with cylinders 6 1/4" x 8" Single Winding Drum<br/>Automatic Expansions. Reversing Gear, Foot Brake and lever<br/>Yard No. 9338

TR 3RLSClayton & Shuttleworth album page 51, plate 434, 6hp SelfPH2/8/54Moving Thrashing Set comprising new type Traction Engine<br/>No. 31262 as described under 427A, a 4ft 6ins Large Home<br/>Trade Machine with Chaff Bagger and lifter, Patent Divided.<br/>Blast Grease Lubrication (Yard No. 9719) and a stacking<br/>machine (Yard No. 19)

1 page

TR 3RLSClayton & Shuttleworth album page 52, plate 435, 6HP NewPH2/8/55Type Traction Engine No. 31262 as above, shown driving a<br/>4ft 6" Large Machine with Chaff Cutter and Bagger, Patent<br/>Divided Blast Grease Lubrication, Wood Wheels. Yard No.<br/>9719

1 page

TR 3RLSClayton & Shuttleworth album page 53, plate 436A, 5 KnifePH2/8/56Chaff Cutter No. 303 of new design, mounted on three<br/>Travelling Wheels. The riddles are shortened and the cutting<br/>apparatus is fitted over the hind travelling wheels. View of<br/>machine from Elevator Side, Riddle End, as set out for work.

1 page

TR 3RLSClayton & Shuttleworth album page 54, plate 436B, 5 KnifePH2/8/57Chaff Cutter No. 303 of new design, mounted on three<br/>Travelling Wheels. The riddles are shortened and the cutting<br/>apparatus is fitted over the hind travelling wheels. Same view<br/>but with the elevator turned back and shafts attached for<br/>travelling

TR 3RLSClayton & Shuttleworth album page 55, plate 436C, 5 KnifePH2/8/58Chaff Cutter No. 303 of new design, mounted on three<br/>Travelling Wheels. The riddles are shortened and the cutting<br/>apparatus is fitted over the hind travelling wheels. Viewed<br/>from cutting end with elevator turned for work.

1 page

TR 3RLSClayton & Shuttleworth album page 56, plate 436D, 5 KnifePH2/8/59Chaff Cutter No. 303 of new design, mounted on three<br/>Travelling Wheels. The riddles are shortened and the cutting<br/>apparatus is fitted over the hind travelling wheels. Arranged<br/>for travelling on the road. View from driving side, riddle end<br/>showing place for reserve knife wheel.

1 page

TR 3RLS<br/>PH2/8/60Clayton & Shuttleworth album page 57, plate 437A, 4ft 6ins<br/>Small Machine No. 29272 (for Salmson & Cox's Order on<br/>account of the Societe anonym des Paellas et Four rages doe<br/>I' Anise of Soissons) fitted with Patent Divided Blast Grease<br/>Cups and a special Chaff Elevator for carrying chaff into the<br/>building, also fitted with Avery's Automatic Grain Weighing<br/>Apparatus sacking the corn at a level to suit French carts.<br/>View of Screen end of Machine showing weighing machine,<br/>elevator and sacking apparatus

1 page

# TR 3RLSClayton & Shuttleworth album page 58, plate 437B, 4ft 6insPH2/8/61Small Machine as above, but seen from driving side corner<br/>screen end.

TR 3RLS	Clayton & Shuttleworth album page 59, plate 437C, 4ft 6ins
PH2/8/62	Small Machine as above but seen from elevator corner,
	screen end.

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 60, plate 438, 12hp
PH2/8/63	Compound Engine fitted on an 8hp Boiler. Made for
	experiment by Mr. G. Wilkinson. Yard No. 2613. The engine
	has automatic expansion and has cross-arm governor.

#### 1 page

# TR 3RLSClayton & Shuttleworth album page 61, plate 439A,PH2/8/64Apparatus for traversing Machine with the aid of Shuttleworth<br/>Wilkinson & Gamble's (Pat. 14285) Lifting Chocks when<br/>putting into line with engine. View showing the act of pushing<br/>the machine aside.

1 page

TR 3RLS	Clayton & Shuttleworth album page 62, plate 439B,
PH2/8/65	Apparatus for traversing Machine with the aid of Shuttleworth
	Wilkinson & Gamble's (Pat. 14285) Lifting Chocks when
	putting into line with engine. View showing position of
	machine after the above operation

1 page

TR 3RLSClayton & Shuttleworth album page 63, plate 439C,PH2/8/66Apparatus for traversing Machine with the aid of Shuttleworth<br/>Wilkinson & Gamble's (Pat. 14285) Lifting Chocks when<br/>putting into line with engine. Chocking machine after having<br/>obtained the correct position.

TR 3RLS PH2/8/67	Clayton & Shuttleworth album page 64, plate 439D, Apparatus for traversing Machine with the aid of Shuttleworth Wilkinson & Gamble's (Pat. 14285) Lifting Chocks when
	putting into line with engine. Taking away the chocks ready for removal of machine

#### 1 page

TR 3RLSClayton & Shuttleworth album page 65, plate 439E,PH2/8/68Apparatus for traversing Machine with the aid of Shuttleworth<br/>Wilkinson & Gamble's (Pat. 14285) Lifting Chocks when<br/>putting into line with engine. View showing how the travelling<br/>wheels can be taken off without the aid of a Screw Jack, by<br/>means of the prop and chocks

1 page

TR 3RLS Clayton & Shuttleworth Album no 12 PH2/9/1-68

1 vol

TR 3RLSClayton & Shuttleworth album page 1, plate 442A, 5ft 6insPH2/9/1Lev'n Helffrerich's Machine. Outside Cup Elevator pat.div.<br/>blast & front chaff delivery. Yard No. 9160. View of Elevator<br/>side, Shaker End.

1 page

TR 3RLSClayton & Shuttleworth album page 2, plate 442B, 5ft 6insPH2/9/2Lev'n Helffrerich's Machine. Opposite View showing driving<br/>side.

TR 3RLSClayton & Shuttleworth album page 3, plate 443A, 60hpPH2/9/3Special Steel Portable Fixture. Multitubular 'Belpaire' Boiler<br/>with 98 3" (out) by 10g tubes. Double 'Ramsbottom' Safety<br/>Valve, Screw Down Check Valve, for 150 pressure. View from<br/>smokebox end. Check Valve Side. Further details will be<br/>found Order No. 483 of 1897

1 page

TR 3RLSClayton & Shuttleworth album page 4, plate 443B, 60hpPH2/9/4Portable Fixture 'Belpaire' Boiler. Details as 443A View from<br/>opposite side.

1 page

TR 3RLSClayton & Shuttleworth album page 5, plate 444, 4ft 6" x 22"PH2/9/5New Patent Drum. With beater & face plates combined in one<br/>section of iron and obviating a bolt passing through the ribbed<br/>plates. View showing method of balancing the drum with a<br/>strip of sheet iron, and balanceing the rails. The drum is in all<br/>iron and has 4 - D672. Malle. centres and 8 beaters. It is<br/>fitted with main driver, barley awner, shaker, screen and<br/>elevator driving pulleys.

1 page

TR 3RLSClayton & Shuttleworth album page 6, plate 445, Two 4"PH2/9/6Centrifugal Pumps on one Cast Iron Base. Fitted with<br/>separate coupling for each pump and with central driving<br/>pulley as made for Taylor & Parsons. Order No. 1328 - 1897

1 page

TR 3RLSClayton & Shuttleworth album page 7, plate 446, 6 tonPH2/9/7Traction Wagon. With gear driven brake to work from either<br/>side of wagon. The towing iron is shown supported by a rope<br/>to illustrate its proper position.

TR 3RLS	Clayton & Shuttleworth album page 8, plate 447A, 12hp Fixed
PH2/9/8	Oil Engine Class 'G'. With overhung cylinder and new patter
	oil pump bracket. New pattern bed-plate with included
	bearings. New 'standard' engine with stronger shaft,
	cylcinder 9 1/2" bore x 17" stroke. Engine No. 271. View of
	Governor Side.

1 page

TR 3RLSClayton & Shuttleworth album page 9, plate 447B, 12hp FixedPH2/9/9Oil Engine No. 271 Class 'G'. As described for 447A, View<br/>showing oil pump bracket. Engine No. 271

1 page

TR 3RLSClayton & Shuttleworth album page 10, plate 448, 10hpPH2/9/10Double Cylinder Portable Engine with Cross Arm Governor.<br/>View of Pump Side Smokebox end. Yard No. of engine 9915

1 page

TR 3RLSClayton & Shuttleworth album page 11, plate 449A, 5hp "C"PH2/9/11Gas Engine with new base. Engine Yard No. 9990 fitted with<br/>pulley. View of Cylinder and Pulley side.

1 page

# TR 3RLSClayton & Shuttleworth album page 12, plate 449B, 5hp "C"PH2/9/12Gas Engine. As opposite view.

TR 3RLS	Clayton & Shuttleworth album page 13, plate 450A, 6hp
PH2/9/13	Traction Engine. Standard type with high speed Governor and
	'Ramsbottom' Safety Valves. View of flywheel side. Tender
	end. Yard No. 9917

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TR 3RLS	Clayton & Shuttleworth album page 14, plate 450B, 6hp
PH2/9/14	Traction Engine. As 450A. View from pump side.

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 15, plate 450C, 6hp
PH2/9/15	Traction Engine. As 450A. Rear End corner view, pump side.

1 page

TR 3RLS	Clayton & Shuttleworth album page 16, plate 450D, 6hp
PH2/9/16	Traction Engine. As 450A. Smoke box end view.

1 page

TR 3RLS	Clayton & Shuttleworth album page 17, plate 450E, 6hp
PH2/9/17	Traction Engine as 450A. View of Engine working parts from
	an elevated position at firebox end.

TR 3RLS PH2/9/18	Clayton & Shuttleworth album page 18, plate 451, 10hp Compound Fixed Engine. Yard No. 2461 with cast iron from. Fitted with Tyrrell & Deed's patent high speed Governors and auctomatic expansion. The engine No. 24083 was made for Smithfield Show 1887
	1 page
TR 3RLS PH2/9/19	Clayton & Shuttleworth album page 19, plate 452A, 16hp "G" Gas Engine No. 122. Wityh new pattern Overhun Cylinder. View of cylinder end of engine, cam side. Made for the Lincoln Co-operative Society's Joinery Works
	1 page
TR 3RLS PH2/9/20	Clayton & Shuttleworth album page 20, plate 452B, 16hp "G" Gas Engine No. 122. Showing one flywheel only with pulley on opposite end of crankshaft.
	1 page
TR 3RLS PH2/9/21	Clayton & Shuttleworth album page 21, plate 452C, 16hp "G" Gas Engine No. 122. Seen from opposite side showing driving pulley.
	1 page
TR 3RLS PH2/9/22	Clayton & Shuttleworth album page 22, plate 453, Fletcher's Spring Draw Bar for hauling traction wagons etc.

TR 3RLS PH2/9/23	Clayton & Shuttleworth album page 23, plate 454A, Quick's Patent Drill Sharpener with flywheel fast and loose pulley. View showing man at work sharpening a drill.
	1 page
TR 3RLS PH2/9/24	Clayton & Shuttleworth album page 24, plate 454B, Quick's Patent Drill Sharpener. View showing man cutting off a drill end.
	1 page
TR 3RLS PH2/9/25	Clayton & Shuttleworth album page 25, plate 454C, Quick's Patent Drill Sharpener. Opposite end view
	1 page
TR 3RLS PH2/9/26	Clayton & Shuttleworth album page 26, plate 455A, Chaff Cutter on three wheels. View of new Patent Safety Feed Stop - working position.
	1 page
TR 3RLS PH2/9/27	Clayton & Shuttleworth album page 27, plate 455B, Chaff Cutter on three wheels. Roller put out of gear.
	1 page
TR 3RLS PH2/9/28	Clayton & Shuttleworth album page 28, plate 456, 14hp Portable Fixture Boiler. Yard No. 10213 for 120lbs working pressure. With wrought iron ash pan and cast iron smokebox support. Boiler lagged wit non-condensing composition. Fitted with 'lock-up' and Ramsbottom Safety Valves, two gauge glasses, and also fitted with smoke guard over fire

door. Made for Holmes & Sons, Norwich as per OOB. 462 of 1898

1 page

TR 3RLSClayton & Shuttleworth album page 29, plate 457, 8hpPH2/9/29Portable Engine+B22 with 11 3/4" enlarged firebox, flat footed<br/>cylinder, bar brake, ladder at side, American or 'Cone' spark<br/>catcher. Yard No. 10188 as made for H. P. Welch & Co.<br/>Melbourne.

1 page

TR 3RLSClayton & Shuttleworth album page 30, plate 458, 8hpPH2/9/30Traction Engine. No. 31542 Recognised new design as<br/>previously photographed at side. Made to Order of Messrs.<br/>Heinemann Nabardi & Co. for the Khedive of Egypt.

1 page

TR 3RLSClayton & Shuttleworth album page 31, plate 459A, ChaffPH2/9/31Cutter Patent Feed Stop Gear. As photographed on Machine<br/>No. 308. View of apparatus in working order. Gear set for<br/>automatic closing of feed.

1 page

TR 3RLSClayton & Shuttleworth album page 32, plate 459B, ChaffPH2/9/32Cutter Patent Feed Stop Gear. As photographed on Machine<br/>No. 308. View of apparatus in working order. Gear set for<br/>automatic closing of feed. As 459A. View of apparatus<br/>showing machine reversed. This arrangement is for use<br/>when the machine chokes.

TR 3RLSClayton & Shuttleworth album page 33, plate 459C, ChaffPH2/9/33Cutter Patent Feed Stop Gear. As 459A. View of apparatus<br/>showing feed closed by pat. Gear.

1 page

TR 3RLSClayton & Shuttleworth album page 34, plate 460, 14hpPH2/9/34Portable Fixture Boiler. Yard No. 25/10380. Fitted with a<br/>new pattern Steam Water Heater & Pearn's 'donkey' wall<br/>pump, double 'Ramsbottom' Safety Valve. Stop Valve etc.<br/>Smokebox resting on a Cast Iron support KK3763 and also<br/>fitted with wrought iron ashpan. Made for J. Heslopl Bishop<br/>Auckland, as per OOB 953 - 1898

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TR 3RLSClayton & Shuttleworth album page 35, plate 461A, 12hpPH2/9/35Fixed Steam Engine with Single Cylinder on Cast Iron bed.<br/>Fitted with high speed cross arm Governor. Without Feed<br/>Pump. Made for Bracebridge Asylum. Yard No. 10390

1 page

TR 3RLSClayton & Shuttleworth album page 36, plate 461B, 12hpPH2/9/36Fixed Steam Engine as 461A View showing crank end<br/>Governor side.

1 page

TR 3RLSClayton & Shuttleworth album page 37, plate 462A, Five-knifePH2/9/37Chaff Cutter on three wheels. No. 321 with Patent Feed stop<br/>gear necessary pulleys for chaff blower. Machine shown<br/>ready for work.

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TR 3RLS PH2/9/38	Clayton & Shuttleworth album page 38, plate 462B, Five-knife Chaff Cutter on three wheels
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TR 3RLS PH2/9/39	Clayton & Shuttleworth album page 39, plate 462C, Five-knife Chaff Cutter on three wheels
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TR 3RLS PH2/9/40	Clayton & Shuttleworth album page 40, plate 462D, Five-knife Chaff Cutter on three wheels
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TR 3RLS PH2/9/41	Clayton & Shuttleworth album page 41, plate 463, Five-knife Chaff Cutter No. 322
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TR 3RLS PH2/9/42	Clayton & Shuttleworth album page 42, plate 464A, 6hp Traction Engine No. 32051(Convertible)
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TR 3RLS PH2/9/43	Clayton & Shuttleworth album page 43, plate 464B, 6hp Traction Engine No. 32051 (Convertible)

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TR 3RLS PH2/9/44	Clayton & Shuttleworth album page 44, plate 465A, Board of Stacker Fittings
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TR 3RLS PH2/9/45	Clayton & Shuttleworth album page 45, plate 465B, Stacker Fittings
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TR 3RLS PH2/9/46	Clayton & Shuttleworth album page 46, plate 466A, Portable Bruised Straw Riddle
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TR 3RLS PH2/9/47	Clayton & Shuttleworth album page, plate 467A, 6hp Road Roller (Convertible) No 32051
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TR 3RLS PH2/9/48	Clayton & Shuttleworth album page, plate 467B, 6hp Road Roller (Convertible) No 32051
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TR 3RLS PH2/9/49	Clayton & Shuttleworth album page 49, plate 467C, 6hp Road Roller (Convertible) No 32051

TR 3RLS PH2/9/50	Clayton & Shuttleworth album page 50, plate 468, 4ft Large Fixed Thrashing Machine
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TR 3RLS PH2/9/51	Clayton & Shuttleworth album page 51, plate 469, Large Size Maize Sheller
	1 page
TR 3RLS PH2/9/52	Clayton & Shuttleworth album page 52, plate 470A, Straw Elevator fittings
	1 page
TR 3RLS PH2/9/53	Clayton & Shuttleworth album page 53, plate 470B, Straw Elevator fittings
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TR 3RLS PH2/9/54	Clayton & Shuttleworth album page 54, plate 471, 3ft 6in Corn Mill
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TR 3RLS PH2/9/55	Clayton & Shuttleworth album page 55, plate 472A, 8hp Fixed Engine

TR 3RLS PH2/9/56	Clayton & Shuttleworth album page 56, plate 472B, 8hp Fixed Steam Engine
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TR 3RLS PH2/9/57	Clayton & Shuttleworth album page 57, plate 473, 8hp Portable Engine
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TR 3RLS PH2/9/58	Clayton & Shuttleworth album page 58, plate 474A, 8hp Portable Engine
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TR 3RLS PH2/9/59	Clayton & Shuttleworth album page 59, plate 474B, 8hp Portable Engine
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TR 3RLS PH2/9/60	Clayton & Shuttleworth album page 60, plate 475, 8hp Portable Engine
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TR 3RLS PH2/9/61	Clayton & Shuttleworth album page 61, plate 476, 8hp Portable Engine

TR 3RLS	Clayton & Shuttleworth album page 62, plate 476A, 8hp
PH2/9/62	Portable Engine
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TR 3RLS	Clayton & Shuttleworth album page 63, plate 477, 10hp
PH2/9/63	Portable Engine
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TR 3RLS	Clayton & Shuttleworth album page 64, plate 478A, 10hp
PH2/9/64	Portable Engine No. 32937
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TR 3RLS	Clayton & Shuttleworth album page 65, plate 479, 8hp
PH2/9/65	Traction Engine No. 32220
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TR 3RLS	Clayton & Shuttleworth album page 66, plate 480, 12 S.C.
PH2/9/66	Portable Engine
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TR 3RLS	Clayton & Shuttleworth album page 67, plate 481A, 8hp
PH2/9/67	Traction Engine No. 32602

TR 3RLS PH2/9/68	Clayton & Shuttleworth album page, plate 481B, 8hp Traction Engine
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TR 3RLS PH2/10/1-66	Clayton & Shuttleworth Album no 12A
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TR 3RLS PH2/10/1	Clayton & Shuttleworth album page 1, plate 1042, Motor Driven Stripper 1912 Early Self Propelled Combine Harvester
	1 page
TR 3RLS PH2/10/2	Clayton & Shuttleworth album page 2, plate 1044, Sheaf Elevator Band Cutting Feeder for Spain
	1 page
TR 3RLS PH2/10/3	Clayton & Shuttleworth album page 3, plate 1045, Stripper Wood Frame for South America through J. & J. Drysdale 1912
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TR 3RLS PH2/10/4	Clayton & Shuttleworth album page 4, plate 1047, Model Thrasher and engine for Rose-Innes Chile 1912

TR 3RLS PH2/10/5	Clayton & Shuttleworth album page 5, plate 1055, Sleeping Van 1912
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TR 3RLS PH2/10/6	Clayton & Shuttleworth album page 6, plate 1057, BB Drysdale Thrasher with Wind Stacker 1912
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TR 3RLS PH2/10/7	Clayton & Shuttleworth album page 7, plate 1061, Wind Stacker Spare Parts 1912
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TR 3RLS PH2/10/8	Clayton & Shuttleworth album page 8, plate 1061A, Wind Stacker Spare Parts 1912
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TR 3RLS PH2/10/9	Clayton & Shuttleworth album page 9, plate 1061B, Wind Stacker Spare Parts 1912 (trunking)
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TR 3RLS PH2/10/10	Clayton & Shuttleworth album page 10, plate 1061C, Wind Stacker Spare Parts 1912

TR 3RLS	Clayton & Shuttleworth album page 11, plate 1061D, Wind
PH2/10/11	Stacker Spare Parts 1912

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TR 3RLSClayton & Shuttleworth album page 12, plate 1062, OvertypePH2/10/125 ton Steam Wagon for Alexander Thomson of Aberdeen<br/>1912 No. 45126

1 page

TR 3RLS	Clayton & Shuttleworth album page 13, plate 1062A,
PH2/10/13	Overtype 5 ton Steam Wagon for Alexander Thomson of
	Aberdeen 1912 No. 45126

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TR 3RLS	Clayton & Shuttleworth album page 14, plate 106B, Overtype
PH2/10/14	5 ton Steam Wagon for Alexander Thomson of Aberdeen
	1912 No. 45518

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TR 3RLSClayton & Shuttleworth album page 15, plate 106C, OvertypePH2/10/155 ton Steam Wagon with furniture van for G. H. Shaw of 126High Street, Lincoln

TR 3RLS PH2/10/16	Clayton & Shuttleworth album page 16, plate 1063, Overtype 5 ton Steam Wagon for Alexander Thomson of Aberdeen 1912 No. 45126
	1 page
TR 3RLS PH2/10/17	Clayton & Shuttleworth album page 17, plate 1067,New Type Chaff Cutter with pneumatic blower 1.9.1912 1 September 1912
	1 page
TR 3RLS PH2/10/18	Clayton & Shuttleworth album page 18, plate 1069, Stripper Parts 1912
	1 page
TR 3RLS PH2/10/19	Clayton & Shuttleworth album page 19, plate 1069A, Stripper Parts 1912
	1 page
TR 3RLS PH2/10/20	Clayton & Shuttleworth album page 20, plate 1069B, Stripper Parts 1912
	1 page
TR 3RLS PH2/10/21	Clayton & Shuttleworth album page 21, plate 1069C, Stripper Parts 1912

**TR 3RLS**Clayton & Shuttleworth album page 22, plate 1069D, Stripper**PH2/10/22**Parts 1912

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**TR 3RLS**Clayton & Shuttleworth album page 23, plate 1069E, Stripper**PH2/10/23**Parts 1912

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TR 3RLS	Clayton & Shuttleworth album page 24, plate 1069F, Stripper
PH2/10/24	Parts 1912

#### 1 page

**TR 3RLS**Clayton & Shuttleworth album page 25, plate 1069G, Stripper**PH2/10/25**Parts 1912

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**TR 3RLS**Clayton & Shuttleworth album page 26, plate 1069H, Stripper**PH2/10/26**Parts 1912

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**TR 3RLS**Clayton & Shuttleworth album page 27, plate 1069J, Stripper**PH2/10/27**Parts 1912

TR 3RLSClayton & Shuttleworth album page 28, plate 1069K, StripperPH2/10/28Parts 1912

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**TR 3RLS**Clayton & Shuttleworth album page 29, plate 1069L, Stripper**PH2/10/29**Parts 1912

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 30, plate 1069M, Stripper
PH2/10/30	Parts 1912

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 31, plate 1069N, Stripper
PH2/10/31	Parts 1912

# 1 page

**TR 3RLS**Clayton & Shuttleworth album page 32, plate 1069P, Stripper**PH2/10/32**Parts 1912

## 1 page

**TR 3RLS**Clayton & Shuttleworth album page 33, plate 1069Q, Stripper**PH2/10/33**Parts 1912

TR 3RLS PH2/10/34	Clayton & Shuttleworth album page 34, plate 1069R, Stripper Parts 1912
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TR 3RLS PH2/10/35	Clayton & Shuttleworth album page 35, plate 1071, BB Thrasher Elevator Side for Drysdale 1912
	1 page
TR 3RLS PH2/10/36	Clayton & Shuttleworth album page 36, plate 1073, Wind Stacker fitted to BB Drysdale Machine
	1 0000
TR 3RLS	1 page Clayton & Shuttleworth album page 37, plate 1073A, Wind
PH2/10/37	Stacker fitted to BB Drysdale Machine
	1 222
TR 3RLS PH2/10/38	Clayton & Shuttleworth album page 38, plate 1075, BB Thrasher with Sheaf Elevator and Band Cutter Feeder and Caving Blower for Helfferich
	1 page
TR 3RLS PH2/10/39	Clayton & Shuttleworth album page 39, plate 1075A, BB Thrasher with Sheaf Elevator, Band Cutter and Feeder also Chaff and Caving Blower for Helfferich

TR 3RLS PH2/10/40	Clayton & Shuttleworth album page 40, plate 1078, 3ton Overtype Steam Wagon with Standard Body on Bauly wheels lettered The Premier Fireproofing Partition Co. New Malden 1912
	1 page
TR 3RLS PH2/10/41	Clayton & Shuttleworth album page 41, plate 1080, Portable Straw Riddle and Wind Stacker Combined
	1 page
TR 3RLS PH2/10/42	Clayton & Shuttleworth album page 42, plate 1081, 3ft Maize Sheller for Drysdale 1912 1912
	1 page
TR 3RLS PH2/10/43	Clayton & Shuttleworth album page 43, plate 1081A, 3ft Maize Sheller for Drysdale with elevator 1912 1912
	1 page
TR 3RLS PH2/10/44	Clayton & Shuttleworth album page 44, plate 1081B, 3ft Maize Sheller for Drysdale ready to transport
	1 page
TR 3RLS PH2/10/45	Clayton & Shuttleworth album page 47, plate 1092, Scotch Fixture Thrasher on Brick Foundations and Caving Blower 16.1.1913 16 January 1913

Clayton & Shuttleworth album page 48, plate 1092A, Scotch Fixture Thrasher on Brick Foundations and Caving Blower 16.1.1913 16 January 1913
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Clayton & Shuttleworth album page 49, plate 1092B, Scotch Fixture Thrasher on Brick Foundations and Caving Blower 16.1.1913 16 January 1913
1 page
Clayton & Shuttleworth album page 50, Overtype 5 ton Wagon on Steel Wheels with Standard body lettered Henry Willcock & Co Contractors, Wolverhampton and Coventry
1 page
Clayton & Shuttleworth album page 51, plate 1102, Overtype 3 ton Wagon Special Body with tilt lettered for Yorke Stoneham & Jones Ltd.'Deptford S.E. No. 45518
1 2000
1 page Clayton & Shuttleworth album page 52, plate 1103, Overtype 5 ton Wagon with Standard body for J. Barrack & Sons Westhills, Skene

TR 3RLS PH2/10/51	Clayton & Shuttleworth album page 53, plate 1112, Overtype 5 ton Wagon with Standard Body for Priddy Stanley and Co. Ltd.No. 45554
	1 page
TR 3RLS PH2/10/52	Clayton & Shuttleworth album page 54, plate 1113, Thrasher (Drive Side) for Helfferich 11.3.1913 11 March 1913
	1 page
TR 3RLS PH2/10/53	Clayton & Shuttleworth album page 55, plate 1113A, Thrasher (Elevator Side) 11.3.1913 11 March 1913
	1 page
TR 3RLS PH2/10/54	Clayton & Shuttleworth album page 56, plate 1114, Large Home Thrasher D/C I.C.E. Driving Side
	1 page
TR 3RLS PH2/10/55	Clayton & Shuttleworth album page 57, plate 1114A, Large Home Thrasher D/C I.C.E. Elevator Side
	1 page
TR 3RLS PH2/10/56	Clayton & Shuttleworth album page 58, plate 1115, Overtype 5 ton Wagon with Flat Body and trailer for E. Metcalfe & Sons General Carriers Houghton-Le-Spring No. 45581

TR 3RLS PH2/10/57	Clayton & Shuttleworth album page 59, plate 1123, Overtype 3 ton Wagon with Bauly Wheels and Millers Body for Jas. Bowman & Sons, Hitchin and Astwick
	1 page
TR 3RLS PH2/10/58	Clayton & Shuttleworth album page 60, plate 1124, Overtype 5 ton Wagon Special Body for long timber for H. Newsum, Sons & Co. Ltd
	1 page
TR 3RLS PH2/10/59	Clayton & Shuttleworth album page 61, plate 1125, Portable Straw Riddle with trailing elevator for Colorini
	1 page
TR 3RLS PH2/10/60	Clayton & Shuttleworth album page 62, plate 1126, Overtype 3 ton Wagon with special long box body for C. A. Duff & Sons
	1 page
TR 3RLS PH2/10/61	Clayton & Shuttleworth album page 63, plate 1127, Overtype 3 ton Wagon with Millers body for J. H. Bartlett Miller etc. Barford & Tisbury
	1 page
TR 3RLS PH2/10/62	Clayton & Shuttleworth album page 64, plate 1130, Overtype 5 ton Wagon with special long body for long timber for H. Newsum, Sons & Co. Ltd No. 45695

TR 3RLS	Clayton & Shuttleworth album page 65, plate 1131, Combined
PH2/10/63	Drum & Web Feeder made for Gartiez

1 page

TR 3RLSClayton & Shuttleworth album page 66, plate 1132, OvertypePH2/10/645 ton Wagon with Brewery Body for Soulby Sons & Winch<br/>Ltd.'Alford fitted with capstan

1 page

TR 3RLS	Clayton & Shuttleworth album page 67, plate 1134, Overtype
PH2/10/65	5 ton Wagon with Standard Body for Henry Le Tall Ltd. Crown
	Mills, Lincoln Offside View No. 45753

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TR 3RLS	Clayton & Shuttleworth album page 68, plate 1134A,
PH2/10/66	Overtype 5 ton Wagon with Standard Body for Henry
	Le Tall Ltd. Crown Mills, Lincoln Offside View Loaded with
	flour No. 45753

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Clayton & Shuttleworth album page 1, plate 1.207, Thrashing Machine Drum
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Clayton & Shuttleworth album page 2, plate 1.208, Thrashing Machine Drum
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Clayton & Shuttleworth album page 9, plate 1.213, Elevator
1 page
Clayton & Shuttleworth album page 10, Elevator
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Clayton & Shuttleworth album page 11, page 1.215, Thrashing Machine with R Hornsby & Sons trusser
1 page
Clayton & Shuttleworth album page 12, plate 1.217, Thrashing Machine driven by Clayton & Shuttleworth Ltd Internal Combustion Engine

TR 3RLS PH2/11/7	Clayton & Shuttleworth album page 13, plate 1.219, Thrashing Machine with trusser
TR 3RLS PH2/11/8	1 page Clayton & Shuttleworth album page 14, Four wheeled flat bed wagon with iron wheels for The Newcastle Breweries Ltd, Newcastle
TR 3RLS PH2/11/9	1 page Clayton & Shuttleworth album page 15, plate 1.223, Four wheeled rubber tyred flat bed wagon on Bauly wheels for Holder's Brewery Ltd No. 9 Birmingham
TR 3RLS	1 page Clayton & Shuttleworth album page 16, plate 1.221, Four wheeled rubber tyred wagen with Browery Body for Smith 8

**PH2/11/10** Clayton & Snuttleworth album page 16, plate 1.221, Four wheeled rubber tyred wagon with Brewery Body for Smith & Garrett's

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**TR 3RLS**Clayton & Shuttleworth album page 17, plate 1.227, Four**PH2/11/11**wheeled traction wagon nearside view

1 page

# **TR 3RLS**Clayton & Shuttleworth album page 18, plate 1.227, Four**PH2/11/12**wheeled traction wagon near side view

TR 3RLS	Clayton & Shuttleworth album page 19, plate 1.212, Four
PH2/11/13	wheeled Overtype wagon with brewery body for Bass,
	Ratcliffe & Gretton Ltd. Burton -on-Trent

TR 3RLS	Clayton & Shuttleworth album page 20, plate 1.249, Four
PH2/11/14	wheeled timber carriage lettered W. J. Jones, Timber
	Merchant, Reading

# 1 page

# TR 3RLSClayton & Shuttleworth album page 21, plate 1.250, 2nd ViewPH2/11/15of Four wheeled timber carriage for W. J. Jones, Timber<br/>Merchant, Reading with extra long drawbar

#### 1 page

# TR 3RLSClayton & Shuttleworth album page 22, plate 1.271, PegPH2/11/16Drum

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TR 3RLS	Clayton & Shuttleworth album page 23, plate 1.275, Concave
PH2/11/17	

1 page

# **TR 3RLS**Clayton & Shuttleworth album page 24, plate 1.276, Peg**PH2/11/18**Drum Concave

TR 3RLS	Clayton & Shuttleworth album page 33, Rear View Wagon No
PH2/11/19	47084 Reg. No. FE 1513 for street watering

TR 3RLS	Clayton & Shuttleworth album page 34, plate 1.286, Double
PH2/11/20	Drum Peg Drum

1 page

TR 3RLS	Clayton & Shuttleworth album page 35, plate 1.290, Four
PH2/11/21	wheeled traction wagon for 'E. Harris Builder & Contractor, Coventry

1 page

TR 3RLS	Clayton & Shuttleworth album page 36, plate 1.290A, Four
PH2/11/22	wheeled flat bed wagon

1 page

TR 3RLS	Clayton & Shuttleworth album page 37, plate 1.296, Four
PH2/11/23	wheeled rubber tyred wagon with badly wheels for Joshua
	Wilson & Bros. Ltd.

TR 3RLS	Clayton & Shuttleworth album page 38, plate 1.298, Four
PH2/11/24	wheeled tipping wagon for 'Brick & Tile Manufacturer

TR 3RLS	Clayton & Shuttleworth album page 41, plate 1.303, Four
PH2/11/25	wheeled tipping wagon with Bauly wheels for 'Etablissements
	de Fleury -sur-Andelle

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TR 3RLSClayton & Shuttleworth album page 42, plate 1.307, Four<br/>wheeled wagon with Bauly wheels and high sided drop side<br/>body

# 1 page

# TR 3RLSClayton & Shuttleworth album page 43, plate 1.309, Four<br/>wheeled wagon with Bauly wheels standard dropside body for<br/>Gartsides (Brookside Brewery) Ltd. Ashton-Under- Lyne

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TR 3RLS	Clayton & Shuttleworth album page 44, plate 1.310, Four
PH2/11/28	wheeled wagon with Bauly wheels with brewery body for
	Chester's Brewers Manchester

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TR 3RLS	Clayton & Shuttleworth album page 45, plate 1.314, Four
PH2/11/29	wheeled 5 ton tipping wagon, end tip No. 337

TR 3RLS PH2/11/30	Clayton & Shuttleworth album page 46, plate 1.314A, Four wheeled 5 ton tipping wagon, end tip No. 337 showing body tipped
	1 page
TR 3RLS PH2/11/31	Clayton & Shuttleworth album page 47, plate 1.338, Four wheeled Brewers trailer unladen weight 1ton 13cwt for Ansell's Brewery
	1 page
TR 3RLS PH2/11/32	Clayton & Shuttleworth album page 48, One rear view and one offside view of timber trailer with rolling bed demonstration
	1 page
TR 3RLS PH2/11/33	Clayton & Shuttleworth album page 49, One view of timber trailer with rolling bed unloaded and one sprung and one unsprung 'V' bar
	1 page
TR 3RLS PH2/11/34	Clayton & Shuttleworth album page 50, 1. One five bladed chaff cutter knife ; 2. Gearing to determine different lengths of chaff; 3. Screen; 4. Inside of screen
	1 page
TR 3RLS PH2/11/35	Clayton & Shuttleworth album page 51, 1. Gearing for Chaff Cutter; 2. Blower for thrasher

TR 3RLS PH2/11/36	Clayton & Shuttleworth album page 52, 3 views of Thrasher Components
	1 page
TR 3RLS PH2/11/37	Clayton & Shuttleworth album page 53, 4 view of Thrasher Components - including concave and peg drum components
	1 page
TR 3RLS PH2/11/38	Clayton & Shuttleworth album page 54, Thrasher Components including front axle
	1 page
TR 3RLS PH2/11/39	Clayton & Shuttleworth album page 55, Erecting Shop for internal combustion engines
	1 page
TR 3RLS PH2/11/40	Clayton & Shuttleworth album page 56, plate 1.143, Great Eastern Railway Locomotive with train carrying Clayton & Shuttleworth Portable Engines
	1 page
TR 3RLS PH2/11/41	Clayton & Shuttleworth album page 65, plate 1.412A, Four wheeled Overtype tipping wagon for Bradford Corporation Street Drainage Department. Near side view

TR 3RLS	Clayton & Shuttleworth album page 66, plate 1.412B, Four
PH2/11/42	wheeled Overtype tipping wagon near side view with body
	tipped

1 page

TR 3RLS	Clayton & Shuttleworth album page 67, plate 1.418A, Four
PH2/11/43	wheeled Overtype General Delivery Covered Wagon for
	Boulton & Paul Ltd. Norwich. Offside view

1 page

TR 3RLS	Clayton & Shuttleworth album page 68, plate 1.418B, Four
PH2/11/44	wheeled Overtype General Delivery Covered Wagon for
	Boulton & Paul' Norwich

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TR 3RLS Clayton & Shuttleworth Album no 14 PH2/12/1-64

1 vol

TR 3RLSClayton & Shuttleworth album page 1, plate 523A, 10 tonPH2/12/1Road Roller No. 34002 as made for the Royal Show of 1901<br/>with Patent Spring Scrapers. View of pump side, tender end )<br/>See OOB No. 358

TR 3RLS PH2/12/2	Clayton & Shuttleworth album page 2, plate 523B, 10 ton Road Roller as above showing Flywheel side, Smokebox End
TR 3RLS PH2/12/3	1 page Clayton & Shuttleworth album page 3, plate 524A, 4ft 6" Thrasher Reversible Concave (Top and Bottom) with removable rest block. 2 scaffold door levers, straps, links and eye
TR 3RLS PH2/12/4	1 page Clayton & Shuttleworth album page 4, plate 524B, 4ft 6" Patent Drum 24" diameter, showing one each right and left hand.
TR 3RLS PH2/12/5	1 page Clayton & Shuttleworth album page 5, plate 525A, 18 Centrifugal Pump (as made for R. Hornsby & Sons to be driven by one of their Oil Engines) with air exhauster comprising a Roots Blower (Latest Patent "Acme") Size B No. 1896 made by Samuelson of Banbury.  With water gauge and tap. Mounted on two cast iron girders for vertical suction and horizontal delivery. For use at Willingham Fen Drainage Station as per OOB 726 of 1901
TR 3RLS PH2/12/6	1 page Clayton & Shuttleworth album page 6, plate 525B, 18 Centrifugal Pump )as made for R. Hornsby & Sons to be driven by one of their Oil Engines) with air exhauster comprising a Roots Blower (Latest Patent "Acme") Size B No. 1896 made by Samuelson of Banbury.  With water gauge and tap. Mounted on two cast iron girders for vertical suction and horizontal delivery. For use at Willingham Fen Drainage Station as per OOB 726 of 1901 Side view of Roots Blower (Air Exhauster)

TR 3RLS	Clayton & Shuttleworth album page 7, plate 526a, 10hp
PH2/12/7	Strawburning Traction Engine as made for Drysdale & Co.
	(1901 pattern) with new Spark Catcher, Moore" pump, a
	larger Governor, altered Feed Pump with all valves, springs to
	Steering Chain, Smaller Flywheel, larger Smokebox etc.
	Engine No. 34223 yew showing pump side with Straw Carrier
	on.

1 page

# TR 3RLSClayton & Shuttleworth album page 8, plate 526b, 10hpPH2/12/8Strawburning Traction Engine as above but view showing<br/>firebox and straw carrier end

1 page

TR 3RLS<br/>PH2/12/9Clayton & Shuttleworth album page 9, plate 527a, 8hp Single<br/>Cylinder "Undertype" engine of new pattern with Ramsbottom<br/>Safety Valve, double Water Gauge, new pattern High Speed<br/>Governor, Trunk Guide, C.I. rest under firebox with cast iron<br/>door. Yard No. 2670-12984.I View of pump side, firebox end<br/>made for the Crown Agents to Colonies (for Singapore) to<br/>O.O.B. 754 of 1901

1 page

# TR 3RLSClayton & Shuttleworth album page 10, plate 527b, 8hpPH2/12/10"Undertype" single cylinder engine as above, but seen from<br/>Cylinder end, Fly Wheel side.

TR 3RLS PH2/12/11	Clayton & Shuttleworth album page 11, plate 528a, 3 wheel Chaff Cutter with five knife Flywheel, and fitted with new Caving Elevator shown ready for work and for delivering cavings into the Feed Hopper. Machine No. 411
	1 page
TR 3RLS PH2/12/12	Clayton & Shuttleworth album page 12, plate 528b, 5 knife Chaff Cutter as above but showing top of caving elevator
	1 page
TR 3RLS PH2/12/13	Clayton & Shuttleworth album page 13, plate 529, 6 ton Traction Waggon mounted on Springs as made for South Africa to the order of Blane & Co. O.O.B 838 1901
	1 page
TR 3RLS PH2/12/14	Clayton & Shuttleworth album page 14, plate 530, 12 1/2 ton Road Roller No. 34251 with Morrison's Scarifier shown as traveling on the road with Sleeping Van, and Parish Council Water Car (for 200 gallons) as supplied to the Sleaford Rural District Council
	1 page
TR 3RLS PH2/12/15	Clayton & Shuttleworth album page 15, plate 531, 30hp Lancashire Boiler 24ft long 6ft 6" in diameter with 3 cross Galloway tubes on each flue. Boiler fitted with necessary mountings inclusive of two water gauges, check valve, steam gauge, and 2 1/2" ball weight Safety Valve, n4 1/2" Steam Junction Valve. 3 1/2" lever Safety Valve, 2" Feed Clack Valve, 2" Feed Check Valve and 2 Blow off cock (not shown in photograph) for 110lbs working pressure as made for Richardson & Cruddles, Order 831, 1901 Yard No. of the boiler 2743

TR 3RLS	Clayton & Shuttleworth album page 16, plate 532, 4ft 6in
PH2/12/16	Drum Spindle with Self Oiling Bearings and main driving
	pulley

1 page

**TR 3RLS**Clayton & Shuttleworth album page 17, plate 533, New Chaff**PH2/12/17**Cutter Gearing (for changing size of cut) showing spindle<br/>bearing etc.

1 page

TR 3RLSClayton & Shuttleworth album page 18, plate 534, Three 4ftPH2/12/186" new section Beater Plates showing where the face is<br/>bolted on. Right and left hand plates shown.

1 page

TR 3RLSClayton & Shuttleworth album page 19, plate 535, 4ft 6"PH2/12/19Strawbruising Thrashing Machine Yard No. 12509 J. M.<br/>Sumner Manchester and Lisbon, with portable chopper, straw<br/>riddle and blower

1 page

TR 3RLSClayton & Shuttleworth album page 20, plate 535b, 4ft 6"PH2/12/20Strawbruising Thrashing Machine Yard No. 12509 J. M.<br/>Sumner Manchester and Lisbon, with portable chopper, straw<br/>riddle and blower with scaffold boards turned up.

TR 3RLSClayton & Shuttleworth album page 21, plate 536, 10hpPH2/12/21Strawbruiser Set complete, comprising 10hp engine Yard No.<br/>2676 - 13084 with cone spark-catcher, chimney-raiser etc.<br/>and 4ft 6"" large size Bruising Thrashing Machine No. 12509<br/>yard with Portable straw Riddle as made for J. M. Sumner &<br/>Co. View of driving side.

1 page

TR 3RLSClayton & Shuttleworth album page 22, plate 537, 10hpPH2/12/22Portable Engine as made for Helfferich-Sadet showing<br/>proposed new style of packing to avoid theft of brass etc.

1 page

TR 3RLSClayton & Shuttleworth album page 23, plate 538a, 5 KnifePH2/12/23Chaff Cutter mounted on 3 wheels fitted with longer elevator<br/>and means for taking off chaff at usual distance also if<br/>desired. Machine No. 429 made for G. Holt Donnington as<br/>per Office Order Book 292 of 1902

1 page

TR 3RLSClayton & Shuttleworth album page 24, plate 538b, 5 knifePH2/12/24Chaff Cutter as above with extended Elevator position for<br/>work.

1 page

TR 3RLSClayton & Shuttleworth album page 25, plate 539, 4hpPH2/12/25Portable Engine with Cranked axle, B\Bar Brake enlarged<br/>firebox and all fittings necessary for South Africa made for<br/>F.A. Robinson & Co. Ltd. London and Africa.

1 p	age
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TR 3RLS	Clayton & Shuttleworth album page 26, plate 540a, 4ft 6"
PH2/12/26	Small size Maize Sheller No. 12668 showing driving side

#### 1 page

TR 3RLSClayton & Shuttleworth album page 27, plate 540b, 4ft 6"PH2/12/27Small size Maize Sheller No. 12668 as above with view of<br/>opposite side showing sacking elevator and bagging<br/>apparatus

1 page

TR 3RLSClayton & Shuttleworth album page 28, plate 540c, 4ft 6"PH2/12/28Small size Maize Sheller No. 12668 showing the hopper<br/>turned back on the top of the machine for traveling

1 page

TR 3RLSClayton & Shuttleworth album page 29, plate 541a, 8hpPH2/12/29Portable Engine No. 2633/3057 with automatic expansion as<br/>made for Boeke and Huidekoper. View showing safety valve<br/>uncovered, flywheel side, firebox end.

1 page

TR 3RLSClayton & Shuttleworth album page 30, plate 541b, AutomaticPH2/12/30Expansion Gear with new Hartnell Governor

TR 3RLSClayton & Shuttleworth album page 31, plate 542a, 16hpPH2/12/31Compound Special Portable Engine with brass mountings,<br/>auto expansion, wi9th two flywheels No. 34293 as made for<br/>Boeke & Huidekoper to Order 236 of 1902 with name on as<br/>sold to Alex Benner of Dordrecht. Flywheel side, smokebox<br/>end.

1 page

TR 3RLSClayton & Shuttleworth album page 32, plate 542b, 16hpPH2/12/32Compound Special Portable Engine with brass mountings,<br/>auto expansion, wi9th two flywheels No. 34293 as made for<br/>Boeke & Huidekoper to Order 236 of 1902 with name on as<br/>sold to Alex Benner of Dordrecht. Flywheel side, firebox end.

1 page

TR 3RLS<br/>PH2/12/33Clayton & Shuttleworth album page 33, plate 543, 4ft 6" Large<br/>Fixed Thrashing Machine Yard No. 12706 Inside Cups,<br/>Patent Drum Chaff Sifter & Elevator, 5ft spouting projecting<br/>outwards, double crank shaker, mounted on trestle<br/>underframe so that the machine stands 10ft 1" above floor.<br/>Fitted with Hornsby's double string Trusser attached to the<br/>Thrasher and equipped with raising and lowering apparatus<br/>as made for W. Adamson of Charleston, Errol. See O.O.B.<br/>314 - 1902

1 page

TR 3RLSClayton & Shuttleworth album page 34, plate 544, 4ft 6" LargePH2/12/34Thrashing Machine with Inside Cups, Patent Drum, double<br/>crank shakers, front chaff delivery, self oiling drum bearings,<br/>special bagging apparatus and left hand drive. Order 312 of<br/>1902 mounted on brickwork and as made for Mr. Bell,<br/>Leuchars, N.B.

TR 3RLSClayton & Shuttleworth album page 35, plate 544a, 4ft 6"PH2/12/35Large Thrashing Machine with Inside Cups, Patent Drum,<br/>double crank shakers, front chaff delivery, self oiling drum<br/>bearings, special bagging apparatus and left hand drive.<br/>Order 312 of 1902 mounted on brickwork and as made for Mr.<br/>Bell, Leuchars, N.B. showing special delivery spouting<br/>removed

#### 1 page

TR 3RLSClayton & Shuttleworth album page 36, plate 545a, TractionPH2/12/36Wagon without side mounted on springs and with spring<br/>drawbar, wrought iron wheels, bar brake as made for Fowler<br/>& Co. Leeds. View of forecarriage end

1 page

TR 3RLSClayton & Shuttleworth album page 37, plate 545b, TractionPH2/12/37Wagon without side mounted on springs and with spring<br/>drawbar, wrought iron wheels, bar brake as made for Fowler<br/>& Co. Leeds. View from opposite side

1 page

TR 3RLSClayton & Shuttleworth album page 38, plate 546, 10 tonPH2/12/38Road Roller with Bomford Scarifier shown as if at work as<br/>made for Stranraer Town Council No. 34380 to Order 342 of<br/>1902

1 page

TR 3RLSClayton & Shuttleworth album page 39, plate 547a, 16HPPH2/12/39Compound Portable Engine (Standard Pattern of 1902) as<br/>made for Steinomann Nabardi & Co. Yard No. 13278/2843.<br/>Chimney removed. View of pump side smokebox end

TR 3RLSClayton & Shuttleworth album page 40, plate 547b, 16HPPH2/12/40Compound Portable Engine (Standard Pattern of 1902) as<br/>made for Steinomann Nabardi & Co. Yard No. 13278/2843.<br/>Chimney removed. View of flywheel side, firebox end

1 page

TR 3RLSClayton & Shuttleworth album page 41, plate 548, 4PH2/12/41Centrifugal pump mounted on wheels with driving pulley on<br/>axle No. 392 as ordered for J. Spencer Glasgow. Fitted with<br/>shafts. View of suction and driving side.

1 page

TR 3RLSClayton & Shuttleworth album page 42, plate 548a, 4PH2/12/42Centrifugal pump mounted on wheels with driving pulley on<br/>axle No. 392 as ordered for J. Spencer Glasgow. Fitted with<br/>shafts. Side view

1 page

TR 3RLSClayton & Shuttleworth album page 43, plate 549a, SpecialPH2/12/43Traction Waggon for South Africa with sides and ends that<br/>may be let down, brake to both hind wheels. Spring draw bar<br/>as made for J. Fowler & Co. Leeds.

1 page

TR 3RLSClayton & Shuttleworth album page 44, plate 549b, SpecialPH2/12/44Traction Waggon for South Africa with sides and ends that<br/>may be let down, brake to both hind wheels. Spring draw bar<br/>as made for J. Fowler & Co. Leeds. Seen from behind and<br/>showing brake wheel

TR 3RLS	Clayton & Shuttleworth album page 45, plate 550, Automatic
PH2/12/45	Expansion Gear of 16hp Fixed Engine taken under Mr.
	Nelsons supervision and to suit his desires (two views)

TR 3RLS	Clayton & Shuttleworth album page 47, plate 551a, 8hp
PH2/12/46	Traction Engine and 6 Waggons en route

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 46, plate 551b, 8hp
PH2/12/47	Traction Engine and 6 Waggons en route

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 48, plate 552, 123hp
PH2/12/48	Long Stroke Fixed Engine with Hartnell Governor, Auto
	Expansion, Flywheel and third bearing. Yard No. 13171 cast
	iron bed, and piston tail rod. Stock engine photographed
	under Mr. Nelson's supervision

1 page

# TR 3RLSClayton & Shuttleworth album page 49, plate 553, 4ft 6"PH2/12/49Thrashing Machine. Vienna pattern No. 32679 showing new<br/>Patent Sack Holders in place of hooks. [No photograph]

TR 3RLSClayton & Shuttleworth album page 50, plate 554, 10hp StrawPH2/12/50Burning Traction Engine Yard No. 2733/13173 with Straw<br/>Carrier, Cone Spark Catcher as made for J & J Drysdale &<br/>Co. shown at work with a 5ft 0" 'Leviathan' size Thrashing<br/>Machine Yard No. 12549 without shaker extension forming a<br/>Drysdale's Set

#### 1 page

TR 3RLSClayton & Shuttleworth album page 50, plate 554, 10hp StrawPH2/12/51Burning Traction Engine Yard No. 2733/13173 with Straw<br/>Carrier, Cone Spark Catcher as made for J & J Drysdale &<br/>Co. shown at work with a 5ft 0" 'Leviathan' size Thrashing<br/>Machine Yard No. 12549 without shaker extension forming a<br/>Drysdale's Set

#### 1 page

TR 3RLSClayton & Shuttleworth album page 52, plate 555a, l' = 20PH2/12/52BHP Oil Engine (fixed) with two flywheels and arranged for<br/>use with Self Starter sown enlarged on photo 555c originally<br/>made for E Schuler & Co Saratow

#### 1 page

TR 3RLSClayton & Shuttleworth album page 53, plate 555b, l' = 20PH2/12/53BHP Oil Engine (fixed) with two flywheels and arranged for<br/>use with Self Starter sown enlarged on photo 555c originally<br/>made for E Schuler & Co Saratow view of corn side, vaporizer<br/>end

#### 1 page

TR 3RLSClayton & Shuttleworth album page 54, plate 555c, l' = 20PH2/12/54BHP Oil Engine (fixed) with two flywheels and arranged for<br/>use with Self Starter sown enlarged on photo 555c originally<br/>made for E Schuler & Co Saratow Self Starter for same<br/>(enlarged size)

TR 3RLS	Clayton & Shuttleworth album page 55, plate 556a, 5ft 0"
PH2/12/55	'Leviathan' Drysdale's Thrashing Machine altered to
	instructions given to C & S workman in S. America in 1902.
	The shaker extension is of the 4ft 6" Hefferich pattern Yard
	No. of machine 13026. View of elevator side, screen end.

1 page

TR 3RLSClayton & Shuttleworth album page 56, plate 556b, 5ft 0"PH2/12/56'Leviathan' Drysdale's Thrashing Machine altered to<br/>instructions given to C & S workman in S. America in 1902.<br/>The shaker extension is of the 4ft 6" Hefferich pattern Yard<br/>No. of machine 13026. Driving side view, shaker end showing<br/>new pattern shakers

1 page

TR 3RLSClayton & Shuttleworth album page 57, plate 556c, 5ft 0"PH2/12/57'Leviathan' Drysdale's Thrashing Machine altered to<br/>instructions given to C & S workman in S. America in 1902.<br/>The shaker extension is of the 4ft 6" Hefferich pattern Yard<br/>No. of machine 13026. End view showing shaker extension<br/>prongs.

1 page

TR 3RLSClayton & Shuttleworth album page 58, plate 557a, 10hpPH2/12/58Portable Engine of Standard new type with brass guard for<br/>Water Gauge Yard No. 3130/13569 View of pump side,<br/>firebox end.

TR 3RLS	Clayton & Shuttleworth album page 59, plate 557b, 10hp
PH2/12/59	Portable Engine of Standard new type with brass guard for
	Water Gauge Yard No. 3130/13569 Seen from flywheel side
	smokebox end.

TR 3RLS	Clayton & Shuttleworth album page 60, plate 558, 8 ton
PH2/12/60	Traction Waggon mounted on Springs and specially
	constructed for Mr. Pinegar, with larger wheels and brake

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 61, plate 559, 4ft 6" Rice
PH2/12/61	(Peg) Drum and Concave

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 62, plate 560a, 5 knife
PH2/12/62	Chaff Cutter No. 445 with Robinsons Patent Blast Elevator as
	made to Mr. T.Watson's Sinerl Banks Lincoln order

1 page

TR 3RLS	Clayton & Shuttleworth album page 63, plate 560b, 5 knife
PH2/12/63	Chaff Cutter No. 445 with Robinsons Patent Blast Elevator as
	made to Mr. T.Watson's Sinerl Banks Lincoln order, Sown
	with elevator laid back for traveling

TR 3RLS PH2/12/64	Clayton & Shuttleworth album page 64, plate 560c, 5 knife Chaff Cutter No. 445 with Robinsons Patent Blast Elevator as made to Mr. T.Watson's Sinerl Banks Lincoln order. Side view
	1 page
TR 3RLS PH2/13/1-54	Clayton & Shuttleworth Book no 16
	1 vol
TR 3RLS PH2/13/1	Clayton & Shuttleworth album page 1, plate 1868, Folding Elevator
	1 page
TR 3RLS PH2/13/2	Clayton & Shuttleworth album page 2, plate 1939, Maize Thrasher fitted with blower Nearside View
	1 page
TR 3RLS PH2/13/3	Clayton & Shuttleworth album page 3, plate 1937, Maize Thrasher fitted with blower Offside View
	1 page
TR 3RLS PH2/13/4	Clayton & Shuttleworth album page 4, plate 1869, Folding Elevator erected

TR 3RLS PH2/13/5	Clayton & Shuttleworth album page 5, plate 1870, Fordson Standard Tractor with trembler box.Clayton Cab and wings.Offside
	1 page
TR 3RLS PH2/13/6	Clayton & Shuttleworth album page 6, plate 1871, Fordson Standard Tractor with trembler box. Clayton Cab and wings with 3 ton tipping trailer
	1 page
TR 3RLS PH2/13/7	Clayton & Shuttleworth album page 7, plate 1872, Fordson Standard Tractor with Clayton Cab and wings with tipping trailer in tipped position
	1 page
TR 3RLS PH2/13/8	Clayton & Shuttleworth album page 8, plate 1874, Clayton 3 ton end tipping trailer. Offside
	1 page
TR 3RLS PH2/13/9	Clayton & Shuttleworth album page 9, plate 1873, Clayton 3 ton end tipping trailer. Nearside view
	1 page
TR 3RLS PH2/13/10	Clayton & Shuttleworth album page 10, plate 1875, Clayton 3 ton end tipping trailer in tipped position

TR 3RLS PH2/13/11	Clayton & Shuttleworth album page 11, plate 1892, Clayton Thrashing Machine Offside view
	1 page
TR 3RLS PH2/13/12	Clayton & Shuttleworth album page 12, plate 1962, Clayton Thrashing Machine fitted with Chaff Blower Offside view
	1 page
TR 3RLS PH2/13/13	Clayton & Shuttleworth album page 13, plate 1963, Clayton Thrashing Machine with Cavings Blower. Nearside view
	1 page
TR 3RLS PH2/13/14	Clayton & Shuttleworth album page 14, plate 1893, Clayton Thrashing Machine with self feeder and blower. Offside view
	1 page
TR 3RLS PH2/13/15	Clayton & Shuttleworth album page 15, plate 1894, Self feeder for Clayton Thrashing Machines
	1 page
TR 3RLS PH2/13/16	Clayton & Shuttleworth album page 16, plate 1895, View of Self Feeder

TR 3RLS	Clayton & Shuttleworth album page 17, plate 1896, View of
PH2/13/17	Self Feeder

#### 1 page

# TR 3RLSClayton & Shuttleworth album page 18, plate 1897, ClaytonPH2/13/18Crawler Tractor 3/4 front view

1 page

TR 3RLS	Clayton & Shuttleworth album page 19, plate 1898, Clayton
PH2/13/19	Crawler Tractor 3/4 rear view

1 page

TR 3RLS	Clayton & Shuttleworth album page 20, plate 1958, Clayton
PH2/13/20	Chaff Cutter Sheeted

1 page

TR 3RLS	Clayton & Shuttleworth album page 21, plate 1956, Clayton
PH2/13/21	Chaff Cutter

1 page

# **TR 3RLS**Clayton & Shuttleworth album page 22, plate 1957, Clayton**PH2/13/22**Chaff Cutter showing main drive

TR 3RLS	Clayton & Shuttleworth album page 23, plate 1950, Clayton
PH2/13/23	two wheeled living van on solid rubbers for W & J Glossop
	Ltd. Telephone 20 Hipperholme

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 24, plate 1986, Clayton
PH2/13/24	Thrasher with Chaff Blower for Buenos Aires Offside view

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 25, plate 1987, Clayton
PH2/13/25	Thrasher with Chaff Blower for Buenos Aires. 3/4 front view

1 page

TR 3RLS	Clayton & Shuttleworth album page 26, plate 1988, Clayton
PH2/13/26	Thrasher with Chaff Blower for Buenos Aires. 3/4 rear view

1 page

TR 3RLS	Clayton & Shuttleworth album page 27, 3 views of Maize
PH2/13/27	Sheller for Buenos Aires

TR 3RLS	Clayton & Shuttleworth album page 28, plate 2034, Clayton &
PH2/13/28	Shuttleworth Thrashing Machine with Gleaning Sieve for
	Export

TR 3RLS	Clayton & Shuttleworth album page 29, plate 2036, Clayton &
PH2/13/29	Shuttleworth Thrashing Machine with Gleaning Sieve with
	sieve in working position for Export

TR 3RLS	Clayton & Shuttleworth album page 30, plate 2037, Clayton &
PH2/13/30	Shuttleworth Thrashing Machine with Gleaning Sieve with
	sieve in working position. 3/4 rear view for Export

#### 1 page

# TR 3RLSClayton & Shuttleworth album page 31, plate 2038, Clayton &<br/>Shuttleworth Thrashing Machine with Gleaning Sieve. Rear<br/>view showing sieve for Export

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 32, plate 2040, Clayton &
PH2/13/32	Shuttleworth Thrashing Machine with Gleaning Sieve for
	Export

1 page

TR 3RLS	Clayton & Shuttleworth album page 33, plate 2039, Clayton &
PH2/13/33	Shuttleworth Thrashing Machine with Gleaning Sieve showing
	the straw walkers and drum for Export

**TR 3RLS**Clayton & Shuttleworth album page 34, plate 4237, Marshall**PH2/13/34**Maize Thrasher?

#### 1 page

**TR 3RLS**Clayton & Shuttleworth album page 35, plate 4239, Marshall**PH2/13/35**Maize Thrasher?

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 36, plate 4529, Marshall
PH2/13/36	Maize Thrasher in Marshall's works?

#### 1 page

TR 3RLS	Clayton & Shuttleworth album page 37, plate 4540, Marshall
PH2/13/37	Maize Thrasher

#### 1 page

**TR 3RLS**Clayton & Shuttleworth album page 38, plate 4530, Marshall**PH2/13/38**Maize Thrasher

#### 1 page

# **TR 3RLS**Clayton & Shuttleworth album page 39, plate 4531, Marshall**PH2/13/39**Maize Thrasher

TR 3RLS PH2/13/40	Clayton & Shuttleworth album page 40, plate 4532, Marshall Maize Thrasher
	1 page
TR 3RLS PH2/13/41	Clayton & Shuttleworth album page 41, plate 127, Clayton & Shuttleworth Maize Sheller for Export to Buenos Aires
	1 page
TR 3RLS PH2/13/42	Clayton & Shuttleworth album page 42, plate 128, Clayton & Shuttleworth Maize Sheller for Export to Buenos Aires
	1 page
TR 3RLS PH2/13/43	Clayton & Shuttleworth album page 43, plate 129, Clayton & Shuttleworth Maize Sheller for Export to Buenos Aires
	1 page
TR 3RLS PH2/13/44	Clayton & Shuttleworth album page 44, plate 130, Clayton & Shuttleworth Maize Shellers for Export to Buenos Aires
	1 page
TR 3RLS PH2/13/45	Clayton & Shuttleworth album page 45, plate 131, Clayton & Shuttleworth Maize Shellers for Export to Buenos Aires

TR 3RLS PH2/13/46	Clayton & Shuttleworth album page 46, plate 132, Clayton & Shuttleworth Maize Shellers for Export to Buenos Aires
	1 page
TR 3RLS PH2/13/47	Clayton & Shuttleworth album page 47, plate 138, Shaker Cranks
	1 page
TR 3RLS PH2/13/48	Clayton & Shuttleworth album page 47, plate 139, Shaker Cranks
	1 page
TR 3RLS PH2/13/49	Clayton & Shuttleworth album page 48, plate 119, Clayton & Shuttleworth Thrashing Machine with built in straw elevator
	1 page
TR 3RLS PH2/13/50	Clayton & Shuttleworth album page 49, plate 120, Clayton & Shuttleworth Thrashing Machine folded for transport
	1 page
TR 3RLS PH2/13/51	Clayton & Shuttleworth album page 50, page 115, Clayton & Shuttleworth Thrashing Machine

TR 3RLS PH2/13/52	Clayton & Shuttleworth album page 51, plate 116, Clayton & Shuttleworth Thrashing Machine
TR 3RLS PH2/13/53	1 page Clayton & Shuttleworth album page 52, plate 117, Clayton & Shuttleworth Thrashing Machine
TR 3RLS PH2/13/54	1 page Clayton & Shuttleworth album page 53, plate 118, Clayton & Shuttleworth Thrashing Machine
TR 3RLS PH2/14/1-65	1 page Clayton & Shuttleworth Album no 16
TR 3RLS PH2/14/1	1 vol Clayton & Shuttleworth album page 1, plate 598A, Traction Tipping Waggon. Wrought Iron Wheels. Solid Support
TR 3RLS PH2/14/2	1 page Clayton & Shuttleworth album page 2, plate 598B, Traction Tipping Waggon. Wrought Iron Wheels. Solid Support. Showing works under.

TR 3RLS PH2/14/3	Clayton & Shuttleworth album page 3, plate 598C, Traction Tipping Waggon. Wrought Iron Wheels. Solid Support with tipped onpen side discharging debris.				
	1 page				
TR 3RLS PH2/14/4	Clayton & Shuttleworth album page 4, plate 598D, Traction Tipping Waggon. Wrought Iron Wheels. Solid Support with tipped open side but empty.				
	1 page				
TR 3RLS PH2/14/5	Clayton & Shuttleworth album page 5, plate 599A, Compound Undertype Engine with water heater. High Pressure and Flywheel side.				
	1 page				
TR 3RLS PH2/14/6	Clayton & Shuttleworth album page 6, plate 599B, Compound Undertype Engine with water heater. Low Pressure and Pump Side.				
	1 page				
TR 3RLS PH2/14/7	Clayton & Shuttleworth album page 7, plate 599C, Compound Undertype Engine with water heater. Low Pressure and Pump Side.				
	1 page				
TR 3RLS PH2/14/8	Clayton & Shuttleworth album page 8, plate 599D, Compound Undertype Engine with water heater. Low Pressure and Pump Side.				

1	page
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TR 3RLS	Clayton & Shuttleworth album [Page Removed] plate 600,
PH2/14/9-10	Centrifugal Pump and [Page Removed] plate 601, Convertible
	Road Roller & Traction Engine with Crane. Gear Side.

<b>TR 3RLS</b> Clayton & Shuttleworth album page 11, plate 602A,	
PH2/14/11Convertible Road Roller & Traction Engine with Crane w suspended load. No. 35350	/ith

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 12, plate 602B,
PH2/14/12	Convertible Road Roller & Traction Engine with Crane. Flywheel side. No. 35350

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 13, plate 603, Centrifugal
PH2/14/13	Series Pump. Double Standard. Single Pulley

1 page

TR 3RLS	Clayton & Shuttleworth album page 14, plate 604A,
PH2/14/14	Centrifugal Pump. Flap Valve & Elbow Pipes.

TR 3RLS PH2/14/15	Clayton & Shuttleworth album page 15, plate 604B, For Centrifugal Pump. Expanding Suction Pipe. Retaining Valve, Foot Valve & Strainer				
	1 page				
TR 3RLS PH2/14/16	Clayton & Shuttleworth album page 15, plate 604C, For Centrifugal Pump. Foot Valve & Strainer, Disc, Shaft and Glands.				
	1 page				
TR 3RLS PH2/14/17	Clayton & Shuttleworth album page 16, plate 605, Compound Road Roller fitted with Bomford's Scarifier. Awning over tank. Gear side.				
	1 page				
TR 3RLS PH2/14/18	Clayton & Shuttleworth album page 17, plate 606A, Portable Engine. Single Cylinder fitted with Bar Brake. Flywheel Side.				
	1 page				
TR 3RLS PH2/14/19	Clayton & Shuttleworth album page 18, plate 606B, Portable Engine. Single Cylinder fitted with Bar Brake. Pump Side.				
	1 page				
TR 3RLS PH2/14/20	Clayton & Shuttleworth album page 19, plate 607, Portable Engine. Single Cylinder fitted with Elworthy's Straw Burning Apparatus No. 35774				

TR 3RLS	Clayton & Shuttleworth album page 20, plate 608A, Fixed
PH2/14/21	Engine. Banjou Type. Pump Side.

1 page

TR 3RLS	Clayton & Shuttleworth album page 21, plate 608B, Fixed
PH2/14/22	Engine. Banjou Type Pump Side

1 page

TR 3RLS	Clayton & Shuttleworth album page 22, plate 609A, Thrashing
PH2/14/23	Machine. Outside Cup Elevator. Fitted with Brake. Elevator
	Side. To South Africa. No. 33880

1 page

TR 3RLS	Clayton &	Shuttleworth	album pag	ge 23, plat	e 609B,	Thrashing
PH2/14/24	Machine.	Outside Cup	Elevator.	Fitted with	n Brake.	Driving
	Side.					

1 page

TR 3RLS	Clayton & Shuttleworth album page 24, plate 610A, Special
PH2/14/25	Thrashing Machine. Welch Perrin & Co. with Bar Brake.
	Elevator Side.

TR 3RLS PH2/14/26	Clayton & Shuttleworth album page 25, plate 610B, Special Thrashing Machine. Welch Perrin & Co. with Bar Brake. Driving Side. No. 33900
	1 page
TR 3RLS PH2/14/27	Clayton & Shuttleworth album page 26, plate 611A, Portable Engine. Single Cylinder with Head & Schemioth's Straw Burning Apparatus driven from Crankshaft. Pump Side. No. 3564
	1 page
TR 3RLS PH2/14/28	Clayton & Shuttleworth album page 27, plate 611B, Portable Engine. Single Cylinder with Head & Schemioth's Straw Burnin Apparatus. Operated by manual power.
	1 page
TR 3RLS PH2/14/29	Clayton & Shuttleworth album page 28, plate 612A, 3ft 6" Bruiser Machine. Howard Farrar & Co. Oil Lubrication. Fitted with Brake. Driving Side. No. 33936
	1 page
TR 3RLS PH2/14/30	Clayton & Shuttleworth album page 29, plate 612B, 3ft 6" Bruiser Machine. Howard Farrar & Co. Oil Lubrication. Fitted with Brake. Elevator Side. No. 33926
	1 page
TR 3RLS PH2/14/31	Clayton & Shuttleworth album page 30, plate 613, 10hp Portable Engine. Fitted with Head & Schemioth's Strawburning Apparatus. Drysdale. No. 35875?

1	page
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TR 3RLS	Clayton & Shuttleworth album page 31, plate 614, Traction
PH2/14/32	Engine. Thrashing Machine & Straw Carrier. Posed as a
	Thrashing Set.

TR 3RLS	Clayton & Shuttleworth album page 32, plate 615, 6hp
PH2/14/33	Traction Engine. Single Cylinder. Gear Side. Smokebox End.

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 33, plate 616, Packed
PH2/14/34	Machine on Railway Truck. Drysdale

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 34, plate 617, Thrashing
PH2/14/35	Machine 'Home' Double Crank. Chaff Elevator. Wood
	Wheels. Driving Side. No. 33983

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 35, plate 617A,
PH2/14/36	Thrashing Machine 'Home'. Without Straps on Pulleys

TR 3RLS PH2/14/37	Clayton & Shuttleworth album page 36, plate 617B, Thrashing Machine 'Home'. Elevator Boards with Scaffold Boards in position.
	1 page
TR 3RLS PH2/14/38	Clayton & Shuttleworth album page 37, plate 617C, Thrashing Machine 'Home' with Scaffold Boards cover.
	1 page
TR 3RLS PH2/14/39	Clayton & Shuttleworth album page 38, plate 618A, Traction Engine. Single Cylinder. Ramsbottom Valve. Gear Side.
	1 page
TR 3RLS PH2/14/40	Clayton & Shuttleworth album page 39, plate 618B, Traction Engine. Single Cylinder. Rambottom Valve. Flywheel Side.
	1 page
TR 3RLS PH2/14/41	Clayton & Shuttleworth album page 40, plate 619, Thrashing Machine. Packed on Railway Truck minus wheels and under works.
	1 page
TR 3RLS PH2/14/42	Clayton & Shuttleworth album page 41, plate 620A, Chaff Cutter on 3 wheels with Robinson's Chaff Elevator

TR 3RLS PH2/14/43	Clayton & Shuttleworth album page 42, plate 620B, Chaff Cutter on 3 wheels with Robinson's Chaff Elevator
	1 page
TR 3RLS PH2/14/44	Clayton & Shuttleworth album page 43, plate 621, Traction Wagon. Spring mounted. Iron Travelling Wheels.
	1 page
TR 3RLS PH2/14/45	Clayton & Shuttleworth album page 44, plate 622A, "Banjou" Fixed Engine fitted with Pickering Governors. Flywheel Side.
	1 page
TR 3RLS PH2/14/46	Clayton & Shuttleworth album page 45, plate 622B, "Banjou" Fixed Engine fitted with Pickering Governors. Pump Side.
	1 page
TR 3RLS PH2/14/47	Clayton & Shuttleworth album page 46, plate 623A, Maize Sheller with Cob Elevator at right angles. Delivery End.
	1 page
TR 3RLS PH2/14/48	Clayton & Shuttleworth album page 47, plate 623B, Maize Sheller with Cob Elevator at right angles. Front end.

TR 3RLS	Clayton & Shuttleworth album page 48, plate 623C, Maize
PH2/14/49	Sheller with Cob Elevator folded and in position for travelling.

**TR 3RLS**Clayton & Shuttleworth album page 49, plate 624, Centrifugal**PH2/14/50**Pump. Motor Driven.

1 page

TR 3RLSClayton & Shuttleworth album page 50, plate 625A, TractionPH2/14/51Waggon. No. 206. Mounted on Springs. Iron Wheels, Front<br/>end.

1 page

**TR 3RLS**Clayton & Shuttleworth album page 51, plate 625B, Traction**PH2/14/52**Waggon. Solid Supports. Iron Wheels. Back End.

1 page

TR 3RLS	Clayton & Shuttleworth album page 52, plate 626, BB
PH2/14/53	Thrashing Machine (Damaged) on Railway Truck. Drysdale.

1 page

**TR 3RLS**Clayton & Shuttleworth album page 53, plate 627, Machine**PH2/14/54**Details

TR 3RLS PH2/14/55	Clayton & Shuttleworth album page 54, plate 628A, Bruiser Thrashing Machine with port straw riddle. Driving Side. No. 34171
	1 page
TR 3RLS PH2/14/56	Clayton & Shuttleworth album page 55, plate 628B, Bruiser Thrashing Machine with port straw riddle. Opposite Side.
	1 page
TR 3RLS PH2/14/57	Clayton & Shuttleworth album page 56, plate 629A, Thrashing Machine with Brake. Double Crank. Driving Side. Screen End.
	1 page
TR 3RLS PH2/14/58	Clayton & Shuttleworth album page 57, plate 629B, Thrashing Machine with Brake. Double Crank. Elevator Side. Shaker End.
	1 page
TR 3RLS PH2/14/59	Clayton & Shuttleworth album page 58, plate 630, Maize Sheller with Cob or Ear Elevator at right angle. Cup Elevator Side. Front End.
	1 page
TR 3RLS PH2/14/60	Clayton & Shuttleworth album page 59, plate 631, Portable Engine & Maize Sheller in operation

TR 3RLS	Clayton & Shuttleworth album page 60, plate 632A, Argentine
PH2/14/61	& Single Cylinder Traction Engine. Undergoing Test in field.

# 1 page

TR 3RLS	Clayton & Shuttleworth album page 61, plate 632B, Argentine
PH2/14/62	& Single Cylinder Traction Engine. Undergoing Test in field.

1 page

TR 3RLS	Clayton & Shuttleworth album page 62, plate 632C, Argentine
PH2/14/63	& Single Cylinder Traction Engine. Undergoing Test in field.

1 page

TR 3RLS	Clayton & Shuttleworth album page 63, plate 633A, Traction
PH2/14/64	Details

1 page

TR 3RLS	Clayton & Shuttleworth album page 64, plate 633B, Traction
PH2/14/65	Details

TR 3RLS	Clayton & Shuttleworth Album no 17
PH2/15/1-25	

TR 3RLS PH2/15/1	Clayton & Shuttleworth album page 1, plate 633C, Traction Details
	1 page
TR 3RLS PH2/15/2	Clayton & Shuttleworth album page 2, plate 633D, Traction Details
	1 page
TR 3RLS PH2/15/3	Clayton & Shuttleworth album page 3, plate 633E, Traction Details
	1 page
TR 3RLS PH2/15/4	Clayton & Shuttleworth album page 4, plate 633F, Traction Details
	1 page
TR 3RLS PH2/15/5	Clayton & Shuttleworth album page 5, plate 633G, Traction Details
	1 page
TR 3RLS PH2/15/6	Clayton & Shuttleworth album page 6, plate 633H, Traction Details

TR 3RLS	Clayton & Shuttleworth album page 7, plate 633J, Traction
PH2/15/7	Details

1 page

TR 3RLS	Clayton & Shuttleworth album page 8, plate 634, 25hp
PH2/15/8	Compound Portable Engine Vienna Type

1 page

TR 3RLS	Clayton & Shuttleworth album page 9, plate 635A, Single
PH2/15/9	Cylinder Road Roller with awning over engine and tender,
	gear side

1 page

TR 3RLS	Clayton & Shuttleworth album page 10, plate 636A, F Size Oil
PH2/15/10	Engine (Showing disconnecting clutch and Standard) and
	pump

1 page

TR 3RLS	Clayton & Shuttleworth album page 11, plate 636B, F Size Oil
PH2/15/11	Engine (Showing disconnecting clutch and Standard) and
	pump

TR 3RLS PH2/15/12	Clayton & Shuttleworth album page 12, plate 637, Single Cylinder Portable Engine with Vane Spark catcher and hand pump. Pump Side
	1 page
TR 3RLS PH2/15/13	Clayton & Shuttleworth album page 13, plate 638, Fixture Engine Pump Side
	1 page
TR 3RLS PH2/15/14	Clayton & Shuttleworth album page 14, plate 638Z, Fixture Engine Flywheel Side
	1 page
TR 3RLS PH2/15/15	Clayton & Shuttleworth album page 15, plate 6348B, 8hp Road Roller and Wagon with awning over Engine and Tender
	1 page
TR 3RLS PH2/15/16	Clayton & Shuttleworth album page 16, plate 639B, 8hp Road Roller with awning over Engine and Tender. Flywheel Side
	1 page
TR 3RLS PH2/15/17	Clayton & Shuttleworth album page 17, plate 641, Hand Pump fitted to side of firebox of port engine

TR 3RLS PH2/15/18	Clayton & Shuttleworth album page 18, plate 642, 15 ton Standard Road Roller Gear Side
	1 page
TR 3RLS PH2/15/19	Clayton & Shuttleworth album page 19, plate 643, Thrashing Machine with Colonial Elevator. Driving Side
	1 page
TR 3RLS PH2/15/20	Clayton & Shuttleworth album page 20, plate 644B, 4hp Steam Tractor Gear Side
	1 page
TR 3RLS PH2/15/21	Clayton & Shuttleworth album page 21, plate 644C, 4hp Steam Tractor Flywheel Side No. 36921
	1 page
TR 3RLS PH2/15/22	Clayton & Shuttleworth album page 22, plate 645, Bruiser Fittings
	1 page
TR 3RLS	Clayton & Shuttleworth album page 23, plate 646A, Log
PH2/15/23	Burner Portable Engine Pump Side

**TR 3RLS**Clayton & Shuttleworth album page 24, plate 646B, Log**PH2/15/24**Burner Portable Engine Flywheel Side

1 page

TR 3RLSClayton & Shuttleworth album page 25, plate 647, 4hp SinglePH2/15/25Cylinder Tractor and Wagon