

## K5 Ploughing Engines

### Compounds and single cylinders

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
40208	Shafts and axles (also for T1)	1925
40295	Drum Studs (also for T1)	1926
40799	Bearings	1925
40818	Upright shaft footstep	
40837	Ploughing gear	1926
40892	Winding drum	1925
41380	Flywheel (also for T1)	1926
41925	Hind tank (also for T1)	1931
45423	Road spur gearing (also for T1)	1926
46042	Ploughing gear	1927
47493	Hind road wheels (also for T1)	1901
48580	Front road wheels (also for T1)	1927
49162	Gear rings (also for T1 and T2)	1903
49693	Injector and water lifter (also for T1)	1904
50092	Boiler (also for T1)	1904
50352	Ashpan (also for T1)	
50596	Spark arrestor on chimney top	1905
51126	Spark arrestor	1905
51162	Pump, eccentric rod and ram	1905
52022	Winding drum brake gear (also for T1 and T2)	1926
52877	Chimney and smokebox	1907
53607	Bevel gear for double speed engines	1926
53809	Bearings for double speed engines	1929
53827	Clutch gear for double speed engines	1926
55048	Oil box and pipes	1929
55095	Smokebox and door	1934
55550	Regulator gear	1926
55756	Flywheel	1926
55862	Exhaust pipes	1927
55914	Starting cock and gear	1926
55938	Upright shaft footstep bearing	1929
55941	Bearings	1924
55943	Centre bearing	1929
55964	Firebrick arch and firebars for alteration of ashpan	1912
56194	Bearings for double speed engines and centre bearing	1928
56527	Clutch gear for double speed engines and centre bearing	1935
56588	Boiler for New Zealand engines	1911
56592	Boiler for New Zealand engines	1911
57855	Liquid fuel pipes	1912
64841	Boiler (also for T1)	1923
S1855	Tapper wheel and ring	1929
S2101	Road spur pinions (also for AA)	1930

S2113 Bevel pinion for ploughing gear

1930

### Compounds only

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
44243	Slide bar support	1926
49215	Ploughing gear	1925
49283	Ploughing gear	1926
49322	Crankshaft	1934
49327	Slide bar support	1903
55180	Centre bearing	1925
56040	Oil box and pipes	1929
61120	Connecting rod	1929

### Single cylinders only

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
48869	Slide bar support	1903

K7 Ploughing Engine Drawings

All are size DE

Compounds and Single Cylinder Engines

No.	Description	Type
56235	Crankshaft	TC
56641	Boiler	TC
56689	Third motion shaft and hind axle bearings	TC
56705	Road Spur Gearing	TC
56765	Hind Tank	TC
56799	Pump pipes	TC
56847	Awning	TC
57202	Clutch gear - double speed engine	TC
57220	Internal steam pipes	TC
57959	Brake gear	TC
58320	Shape of teeth for bevel gear	OD
61206	Special draw gear	OD
61504	Smokebox and door	TC
62544	Hind tank(with loose tank back)	OD
62823	Injectors, waterlifter and pipes	OD
62902	Penberthy injectors, waterlifter and pipes	OD & TC
63177	Injector and waterlifter	OD & TC
63324	Oil tank for liquid fuel	TC
63325	Liquid fuel pipes	TC
63327	Steam cock and liquid fuel pipe	TC
63328	Alteration to boiler and hind tank for liquid fuel	TC
63340	Firebrick arch and firebars	TC
63544	Boiler	TC
63770	Coiling cage	TC
63773	Coiling cage for enlarged drum	TC
63864	Filling pipe	BP
65305	Coiling cage	TC
65890	Awning with steel roof	TC
67430	Winding drum	TC
68240	Upright shaft footstep	TC
68244	Coiling gear details for engines with B4 drums	TC
68249	Smokebox and door	TC
68825	Bevel gear for double speed engines Nos. 16647/8	TC
56735	Regulator gear	TC
<u>Compound Engines Only</u>		
49215	Blanks for cut gear for bevel gear(slow speed)	OD
57498	Coiling gear details	TC
57501	Shafts and axles	TC & BP
62834	Pump eccentric road and ram	TC

Addenda - Compounds and Single Cylinder Engines

58115	Forecarriage	TC
59344	Clutch & Brake Gear	TC
60397	Arr. of pump pipes	TC
61887	Widening Ring for road wheels	TC
62662	Boiler	TC
62728	Boiler	TC
62875	Arr. of pump pipes	TC

K7 Ploughing Engines - Tracked.Nos. 17768/9

<u>Drawing No.</u>	<u>Description</u>	All TC & DE
69119	Hind axle bearings	
69124	Bevel gear	
69125	Ring of gear etc.	
69126	Left hand crankshaft bearing	
69127	Boiler	
69149	Right hand crankshaft bearing	
69154	Road clutch gear	
69164	Road spur gearing	
69167	Differential gear	
69173	Details of track shoe	
69176	Brake gear	
69178	Smokebox & door	
69179	Firebars	
69180	Footboard & bearers	
69181	Cylinder cock gear	
69182	Brass bushes for track	
69183	Oil box & pipes	
69184	Shafts & axles	
69185	Clutch gear for ploughing motion	
69186	Locking gear & differential	
69188	Arr. of injector & pump pipes	
69189	Arr. & details of rear track	
69190	Rear track casting details	
69191	Front track	
69192	Forecarriage	
69194	Ashpan & damper	
69195	Hind tank	
69196	Spud carriers	
69197	Chute for Ampas fuel	
69199	Steerage details	
69200	Awning	
69201	Coiling cage	
69567	Covers for hind track	
S 1615	<i>Arrangement</i>	

<u>Photograph No.</u>	<u>Description</u>
C 297	At work. RH side. [No. 17768] . In UK. 1929(18 Dec)
C 298	At work. LH side. No. 17768 . " "
C 299	At work. LH side. No. 17768 . " "
C 300	At work. LH side. No. 17768 . " "
C 301	At work. Front. [No. 17768] . " "
C 302	At work. Hind. No. 17768 . " "
C 305	At work. RH side. [No. - ] . At Knostrop. 1930(14 Jan)
C358	At work. LH side/Hind. [No. -] In Java. 1931(Jun)