

## DN Engines

### Compounds and single cylinders

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
58558	Valve eccentrics	1913
58952	Regulator gear	1926
58954	Arrangement of motion, 12 ton compound	1924
58961	Winding forward drum	1928
58965	Hind road wheels, 10 ton convertible	1916
58973	Awning, 12 ton	1925
58974	Hind road wheels, 12 ton	1916
59126	Exhaust pipes, convertible	1916
59263	Scrapers and gear, 12 ton	1914
59384	Winding forward drum, 12 ton convertible	1927
59576	Shafts and axles, 10 ton	1934
59592	Glass water gauge, 10 ton	1926
59611	Teeth for gearing	1916
59614	Cylinder covers and liner	1914
59619	Bearings	1938
59628	Hind rollers	1926
59644	Oil tray under link motion, single cylinder	1926
59651	Flywheels	1914
59664	Reversing lever and guard	1914
59666	Engine covers	
59682	Arrangement of motion, 10 and 12 ton single cylinder	1916
59684	Reversing lever guard	1914
59686	Brake gear	1934
59698	Hind tank	1919
59709	Feed pump and clackbox	1915
59710	Front road wheels	1922
59714	Engine covers, single cylinder	1914
59716	Valve eccentrics and rods, compound	
59726	Pump eccentric rod and ram	1915
59732	Forecarriage bracket	1916
59763	Awning	1925
59811	Internal steam pipe and pressure gauge mounting	1935
59844	Cylinder covers, compound	1914
59849	Slide valves, compound	1926
59851	Ashpan and damper gear	1914
59854	Regulator gear	1935
59923	Cylinder cock gear	1914
59937	Arrangement of Manzel lubricator, compound	1915
59955	Valve chest cover and dome, compound	
59959	Oil tray under link motion, compound	
60402	Boiler	1915
60668	Slide bar, single cylinder	1915
60676	Gearing	1924

60692	Third motion and hind axle bearing	1915
60693	Slide bar, compound	1926
60694	Slide bar support	1915
60695	Smokebox and door	1915
60696	Footboard and bearers	1915
60697	Front scraper and steerage frame	1915
60792	Spark arrestor	1915
60851	Arrangement of motion, 10 ton	1922
60860	Crank and second motion shaft gearing, 12 ton	1935
60861	Third motion and hind axle gearing, 12 ton	1916
60863	Road gear covers, 12 ton	1930
60864	Clutch gear, 12 ton	1931
60971	Arrangement of bearings	1916
61001	Rigid forecarriage	1916
61008	Locking plates	1914
61129	Sweeping gear, 10 and 12 ton	1920
62574	Front tank, tarsprayer	1919
62657	Scarifier fixings	1925
62665	Boiler	1919
62861	Glass water gauge arrangement	1919
62996	Front tank, tarsprayer	1920
62997	Tarsprayer arrangement and details	1926
63037	Lifting levers and dies	1925
63311	Arrangement of Manzel lubricator, compound	1920
63329	Arrangement of oil burning apparatus	1920
63330	Oil tank, liquid fuel	1930
63331	Firebrick arch and firebars	1920
63332	Steam pipe and cock	1920
63458	Clutch gear	1920
63490	Road gear covers	1922
63565	$\frac{3}{4}$ -inch boiler clackbox for pump	1930
63930	Brake gear on driving plate	1929
64507	Front Rollers, 10 ton	1923
64508	Hind rollers, 10 ton	1923
65082	Road spur wheels	
65620	Splash guard, tarsprayer	1924
65835	Rocking firebars and firebrick arch	1924
65917	Water gauge	1924
66269	Hind rollers, 10 ton, 1925 type	1925
66277	Cylinder liners, 1925 type	1925
66278	Front rollers, 10 ton, 1925 type	1925
66285	Cylinder covers, 10 and 12 ton, 1925 type	1925
66288	Spring scrapers, 10 and 12 ton, 1925 type	1925
66289	Pistons, 10 and 12 ton	1925
66566	Spring scrapers	1925
66567	Spring scrapers	1925
66578	Arrangement of handles, tarsprayer	1931

## DN Convertible engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
58839	Smokebox and door	1914
58961	Winding forward drum. 10 ton	1928
58965	Hind road wheels, 10 ton	1916
59126	Exhaust Pipes	1916
59384	Winding forward drum	1927
59710	Front road wheels	1922
61001	Rigid forecarriage	1916
63020	Scheme for forecarriage conversion	1919
64854	Front road wheels with rubber tyres	1923
67460	Transport frame	1926

## DN Hercules tractors

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
63672	Smokebox and door	1927
64846	Front tank and steerage	1923
64854	Front road wheels	1923
64894	Brake gear on hind rollers	1923
64895	Hind road wheels	1923
64957	Locking gear for differential	1923
65061	Ashpan and damper gear	1923
65127	Flywheel brake	1931
65128	Collapsible awning	1924
65129	Plated hind rollers	1923
65948	Flywheel	1924
65957	Brake gear	1924
65958	Front tank and steerage	1924
66221	Hind road wheels	1925
66222	Winding forward drum	1925
66223	Wood rack	1925
66224	Rope guide rollers	1925
S705	Section through hind axle	1924
S 772	Cross section of hind axle, engine no. 16076	1925
S1378	Rubber pads, hind road wheels	1927
S1480	Rubber pads, hind road wheels	1928

## DN Road Rollers

### Compound and single cylinder engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
64872	Hind rollers	1923
66517	Driving plate, 8 ton engines, 1925 type	1925

66525	Steerage, 8 ton engines, 1925 type	1925
66566	Spring scrapers, 10 ton engines	1925
66578	Arrangement of hosepipe carrier and handles for car delivery and suction	1931
66587	Driving plate, 10 and 12 ton rollers, 1925 type	1925
66993	Arrangement of water spraying apparatus	1925
S714	Section through gearing, 12 ton engines	1924
S771	Section through gearing, 10 & 12 ton engines, 1925 type	1925
S934	Arrangement of 10 ton tar spraying engine	1925
S1134	Section through firebox, 10 ton engines	1926

### Compound engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
59598	Cylinder	1914
59666	Engine covers	1914
59716	Valve eccentrics and rods	1914
59844	Cylinder covers	1914
59854	Regulator gear	1915
59937	Arrangement of Manzel lubricator	1915
59955	Valve chest cover and dome	1915
59959	Oil tray under link motion	1914
60693	Slide bars	1915
60694	Valve spindle and slide bar support	1915
60851	Arrangement of motion	1915
63311	Arrangement of Manzel lubricator	1920
63332	Arrangement of steam cock and pipe for oil injector	1920
64513	Brake on flywheel	1923
S257	Outline arrangement of compound DN road roller	1922

### Single cylinder engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
58558	Valve eccentrics and rods [also for DH]	1913
59644	Oil tray under link motion [Also for DH]	1926
59682	Arrangement of motion [Also for DH]	1916
59714	Engine covers [Also for DH]	1914
60668	Slide bar [also for DH]	1915

## DN tarsprayer

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
62574	Front tank	1919
62996	Front tank	1920
62997	Tarspraying apparatus and details	1926
64150	Arrangement and details of tarspraying apparatus	1922
64991	Splash guard	1926
64992	Three-way cock	1923
65620	Cover for tarsprayer	1924
66204	Arrangement of tarsprayer, 10 and 12 ton	1925
66206	Cover for tarsprayer, 10 and 12 ton	1925
66261	Details of tarspraying apparatus	1925
66578	Arrangement of handles	1931
67028	Tar pump	1926
67183	Splash guard	1926
67185	Splash guard	1926
67312	Tarspraying apparatus	1926
67313	Covers for spraying nozzles	1926
S934	Arrangement of 10-ton roller with tarsprayer	1925

## DN1 engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
63462	Flywheel	1920
63469	Gearing	1926
63478	Crank and second motion bearings	1929
63481	Shafts and axles	1920
63484	Third motion and hind axle bearings	1920
63707	Pump pipes	1921
63712	Special driving gear	1921
63749	Slide bar support, single cylinder	1921
63767	Hind rollers	1939
63772	Forecarriage fork and axle	
63794	Cylinder cock gear	1921
63796	Ashpan and damper gear	1921
63820	Hind axle bearings, convertible	1929
63930	Brake on driving plate, 10 ton	1929
64014	Engine covers, compound	1922
64019	Engine covers, single cylinder	1922
64160	Boiler	1922
64161	Boiler, longbox	1922
64501	Tarspraying apparatus	1923
64513	Brake gear on flywheel	1923
64846	Front tank and steerage, convertible	1923
64851	Pickering governor, single cylinder	1927
64991	Splash guard	1926

64992	Three-way cock and return pipe	1923
64995	Boiler, corrugated firebox	1929
65116	Special awning	1922
65369	Drag plates for scarifier	1924
65835	Rocking firebars and firebrick arch, oil burner	
65837	Steam cock and pipe for oil injection	1926
65917	Arrangement of water level	1924
65969	Steerage, 12 ton	1924
65970	Hind rollers, 12 ton	1924
65973	Hind rollers	1924
65974	Bearings	1924
65975	Shafts and axles	1924
66102	Hind rollers, 10 and 12 ton	1924
66104	Side drag plate, 10 and 12 ton	1924
66106	Reversing lever and guard, roller and tractor	1924
66108	Short awning, single cylinder	1924
66128	Internal steam pipe and pressure gauge	1924
66206	Splash guard	1925
66231	Hind tank, 95 gallons, 8 ton	1925
66235	Hind rollers, 8 ton	
66237	Flywheel	1925
66244	Scraper gear, 8 ton	1925
66261	Chain sprocket and brackets	1928
66311	General arrangement, 10 and 12 ton	1925
66475	Forecarriage fork	1925
66477	Brake	1925
66512	Arrangement of scarifier, 10 and 12 ton	1925
66517	Driving plate, 8 ton	1925
66525	Steerage	1925
66527	Mechanical lubricator, Maddison Kipp	1925
66528	Mechanical lubricator, Dunbar & Slater	1925
66529	Regulator gear	1925
66705	Regulator gear, single cylinder	1925
66734	Pickering governor, single cylinder	1925
66809	Forecarriage fork	
66939	Forecarriage fork, 10 ton	1925
66940	Water sprayer, 10 ton	1925
66993	Water spraying apparatus, 10 ton	1925
S681	Outline arrangement, agricultural engine	1924

## DN1 road rollers

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
58449	Connecting rod (also for DN, DH & DH1)	1927
63462	Fly wheel	1920
63469	Road spur gearing	1926
63481	Shafts and axles	1924
63484	Third motion shaft and hind axle bearings (also for DH1)	

63490	Road gear covers (also for DN2)	1920
63712	Driving gear for tar pump	1921
64160	Boiler (also for DH)	1922
64161	Boiler, long box (also for DN2)	1922
64501	Tarspraying apparatus	1923
65082	Road spur wheels (also for DH1 and D5)	
65116	Awning with steel roof	1922
65127	Brake on flywheel for tarspraying roller	1931
65129	Hind rollers	1923
65369	Drag gear for roller with Magdeburg scarifier	1924
65969	Steerage, 10 and 12 ton rollers	1924
65970	Hind rollers, 12 ton rollers	1924
65973	Hind rollers, 10 ton rollers	1924
65974	Third motion shaft and hind axle bearings, 8 ton rollers	1924
65975	Shafts and axles, 10 and 12 ton rollers	1924
66102	Hind rollers	1924
66104	Drawgear, 10 ton rollers	1924
66108	Special awning, 10 and 12 ton rollers	1924
66128	Internal steam pipe and pressure gauge mounting (also for DH)	
66231	Hind tank, 8 ton rollers	1925
66237	Flywheel, 8 ton rollers	1925
66244	Spring scrapers, 8 ton rollers	1925
66311	Alien 3-tyne scarifier for 10 and 12 ton rollers	1925
66477	Brake gear, 10 and 12 ton rollers, 1925 type	1925
66529	Regulator gear and altered position for pressure gauge, 10 ton rollers, 1925 type	1925
66567	Steerage frame and scrapers	1920
S764	Hind axle cross section	1920
S775	Hind axle cross section, 8 ton rollers	1925
S3362	Boiler with corrugated firebox top	

#### Single cylinder engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
64851	Pickering governor (Also for DH1 & D5)	1927
65837	Steam pipe and cock for oil injector	1924
66705	Regulator gear	1925
66734	Pickering governor (Also for D5)	1925
S691	Outline arrangement	1924

#### Compound engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
66527	Maddison Kipp lubricator	1925
66528	Dunbar & Slater lubricator	1925

S712	Outline arrangement	1924
S765	Outline arrangement, 8 ton rollers	1925
S861	Outline arrangement, 10 ton rollers, with scarifier	1925

### DN1 tarsprayer

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
64501	Tarspraying apparatus	1923
64991	Splash guard	1926
64992	Three-way cock and return pipe	1923
66206	Splash guard	1925
66261	Chain sprocket and brackets	1928

### DNA road rollers

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
40802	Firebars (also for DNB and DNC)	1949
64995	Boiler with corrugated firebox top	1931
66475	Forecarriage fork and axle	1925
66809	Cast steel forecarriage fork and axle, 1926 type engines	1925
66919	Awning with steel roof, 8 ton	1925
66961	Arrangement of Dunbar & Slater lubricator (pint size)	1925
66962	Arrangement of Dunbar & Slater lubricator (pint size), single cylinder engines (also for DNB and DNC)	1925
S885	Outline arrangement, 8 ton compound	1925
S888	Outline arrangement, 8 ton engine, 1925 type, with Jackson scarifier, compound	1925
S1042	Arrangement of compound roller with Jackson scarifier	1926
S1070	Outline arrangement, single cylinder engines, 8 ton	1926
S1126	Scheme for roller centres	1926
S1264	Arrangement, compound engines	1926
S2027	Arrangement, compound engines	1930

### DNB road rollers

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
40802	Firebars for DNA, DNB and DNC rollers	1949
66939	Cast steel forecarriage fork and axle	1925
S1242	General arrangement with tarspraying apparatus	1926



and 3-tyne Allen scarifier

S1470	Outline arrangement with full-width scarifier	1927
S1527	Arrangement, with road heating apparatus	1928
S1543	Gearing and arrangement of link motion	1928
S1535	Arrangement of 10-ton roller, with 7-tyne scarifier	1928

### DNB tarsprayer

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
68283	Deflector	1928
68289	Tarspraying apparatus	1925

### DN2 road rollers

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
63683	Boiler (also DH1)	1921
63749	Slide bar support and valve spindle guide (also DH1)	1921
63772	Forecarriage fork and axle	1921
63794	Cylinder cock gear (also DH1)	1921
63827	Link motion and reversing gear (also DH1)	1922
63828	Slide bar, compound	1922
63863	Link motion and reversing gear (also DH1)	1923
63964	Hind tank (also DH1)	1921
64014	Engine covers	1922
64160	Stamps on boiler plates (also DH1)	1922
64163	Internal steam pipe and pressure gauge mounting (also DH1)	1926

### DNC road rollers

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
64995D	Boiler, Dutch	1930
64995F	Boiler, French	1930
64995G	Boiler, German	1929
64995I	Boiler, Italian (also DN1)	1929
S1612	Outline arrangement	1928

### DNE engines

<i>Drawing No</i>	<i>Description</i>	<i>Date on drawing</i>
66912	Smokebox and bracket for convertible engine	1925