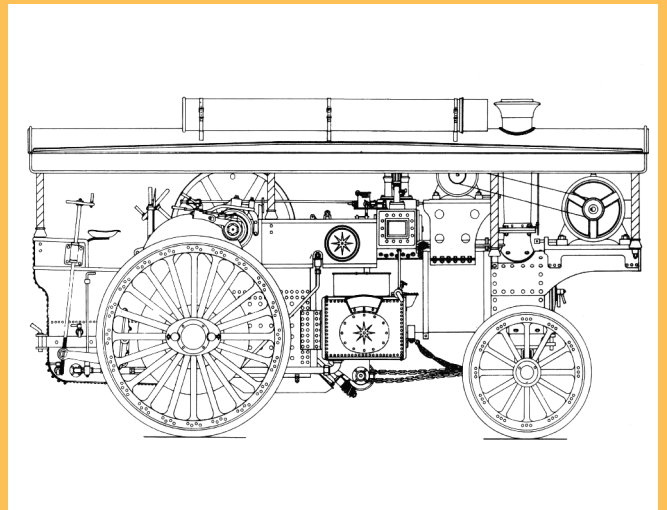


Burrell 8NHP 6" Scenic Showman Locomotive

Stock No.	Description	Unit	Material
DRG6SDCC	Full set of drawings in Imperial	set	
6S6	Fire bars	set/10	Cast iron
6S7	Left-hand hornplates (dished)	each	Steel
6S8	Right-hand hornplate (flat)	each	Steel
6S9	Smoke box tube	each	Steel
6S10	Smoke box door ring	each	Cast iron
6S11	Smoke box door	each	Cast iron
6S12	Smoke box door centre	each	Cast iron
6S13	Small name ring	each	Gunmetal
6S14	Large name ring	each	Gunmetal
6S15	Dynamo platform name-plate	each	Gunmetal
6S16	Dynamo rails	pair	S G iron
6S17	Chimney base	each	Cast iron
6S18	Chimney base ring	each	Cast iron
6S19BR	Spun brass chimney top	each	Brass
6S19CU	Spun copper chimney top	each	Copper
6S20	Perch bracket	each	Cast iron
6S21	Front fork	each	S G iron
6S22	Front axle	each	S G iron
6S23	Front wheel hubs	pair	Cast iron
6S24	Front wheel bearings	pair	SAE660
6S25	Front hub cover plates (inner)	pair	Cast iron
6S26	Front hub cover plates (outer)	pair	Cast iron
6S27	Front wheel hub caps	pair	Gunmetal
6S28	Front wheels	pair	Steel
6S29	Front wheel spokes	set/24	Steel
6S30	Rear wheel hubs	pair	Cast iron
6S31	Rear hub cover plates (inner)	pair	Cast iron
6S32	Rear hub cover plates (outer)	pair	Cast iron
6S33-GM	Rear wheel hub caps	pair	Gunmetal
6S34	Rear wheel rims & brake bands	pair	Steel
6S35	Rear wheel spokes	set/40	Steel
6S37	Top footstep	each	Gunmetal
6S38	Bottom footstep	each	Gunmetal
6S39	Water pocket & lid	each	Cast iron
6S40	Tender brake tube	each	Cast iron
6S41	Brake shoes	pair	S G iron
6S42	Brake return spring (3ft. x 3/4" x 1/8")	each	Steel
6S43	Brake arm	pair	S G iron
6S44	Brake lever	each	S G iron
6S45	Brake wheel	each	Cast iron
6S46	Brake bracket	each	Cast iron
6S47	2nd. shaft tube	each	Cast iron
6S48	2nd. shaft tube bearings	pair	SAE660
6S49	Rear axle tube	each	Cast iron
6S50	Axle tube bearings	pair	SAE660
6S51	Crankshaft balance weights	set/4	Cast iron
6S52	Left-hand cannon bracket	each	Cast iron
6S53	Left-hand cannon bracket bearings	set	Gunmetal
6S54	Right-hand cannon bracket	each	Cast iron
6S55	Right-hand cannon bracket bearings	set	Gunmetal
6S56	Pump gear blank	each	Nylon
6S57	Pump shaft housing	each	Cast iron
6S58	Bearing for pump shaft housing	each	SAE660
6S61	Left-hand bottom steering bracket	each	Cast iron
6S62	Right-hand bottom steering bracket	each	Cast iron
6S63	Steering wheel	each	Cast iron
6S64	Top steering bracket	each	Cast iron
6S65	Toolbox lid	each	Cast iron
6S66	Compensating centre	each	Cast iron
6S68	Outer bevel wheel/pinion	each	Cast iron
6S69	Inner bevel wheel/pinion	each	Cast iron
6S70	Left-hand final drive pinion	each	EN8
6S71	1st. gear ring	each	EN8
6S72	2nd. gear ring	each	EN8
6S73	3rd. gear ring	each	EN8
6S74	Winding drum centre	each	Cast iron
6S75	Winding drum	each	Cast iron
6S77	Right-hand centre spider	each	Cast iron
6S78	Final drive rings	pair	EN8
6S79	3rd. speed hub casting	each	Cast iron
6S80	Exciter rails	pair	S G iron
6S81	Flywheel ring	each	Gunmetal
6S82	Flywheel	each	Cast iron
6S83	Cap for flywheel	each	Gunmetal
6S84	Brake shoe for flywheel	each	S G iron
6S85	Brake pivot for flywheel	each	S G iron
6S86	Flywheel brake top support bracket	each	Gunmetal
6S87	Brake wheel for flywheel brake	each	Gunmetal
6S88	Cylinder block	each	Cast iron
6S89	H.P. liner	each	Cast iron
6S90	L.P. liner	each	Cast iron
6S91	Rear cylinder cover	each	Cast iron
6S92	Front cylinder cover	each	Cast iron
6S93	Gland brushes	set/6	Gunmetal
6S94	H.P. finishing cover	each	Gunmetal
6S95	L.P. finishing cover	each	Gunmetal
6S96	L.P. valve chest cover	each	Gunmetal
6S97	H.P. valve chest cover	each	Gunmetal
6S98	L.P. piston	each	Cast iron



This is the largest engine in our range and would be ideal for heavy haulage being capable of pulling at least 15 tons. The ultimate project for a builder with the necessary equipment. Like most Burrells it has three shafts - crankshaft, second shaft and axle and is fitted with a winch, geared water pump, injector, water pick-up and blowdown valve.

General Dimensions

Length	133 1/2"
Height	72"
Track front	38 1/2"
Track rear	52"
Wheel base	71 3/8"
Rear wheel	36" OD
Front wheel	22 3/4" OD
Flywheel xwidth	27" OD x 4"
Final drive gear	23 5/64"
Gearing ratios	1st: 22.6 overall 2nd: 12.6 overall 3rd: 7.8 overall
Total weight	2 1/2 tons
Working pressure	200 PSI
Cylinder bore h-pressure	3 3/8"
Cylinder bore l-pressure	5 5/8"
Stroke	6"

Available in Imperial and Metric dimensions