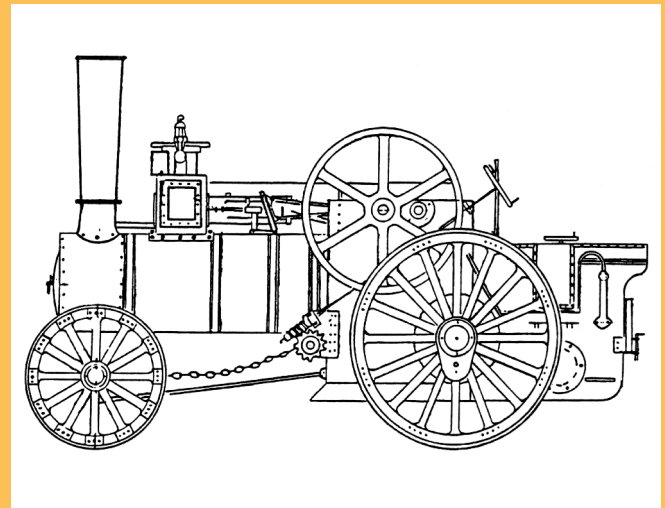


Foster 3" Scale Traction Engine

Stock No.	Description	Unit	Material
DRG3F-IMP	Full set of drawings in Imperial	set	
DRG3F-MET	Full set of drawings in Metric	set	
3F. A.	Smoke box door, name ring	each	Gunmetal
3F.B.- IMP	Hornplates - Imperial	pair	Steel
3F.B.- MET	Hornplates - Metric	pair	Steel
3F.C.	Tender side-plates	pair	Steel
3F.D.	Front wheel rims & steel tyres	pair	Steel
3F.F.	Rear wheel rims	pair	Steel
3FTRAN	3" scale Foster transfer	each	
3F1001	Tender back-plate	each	Steel
3F1016	Chimney base ring	each	Cast iron
3F1017	Chimney base	each	Cast iron
3F1020	Smoke box door ring	each	Cast iron
3F1021	Smoke box door	each	Cast iron
3F1031	Towing bracket	each	Cast iron
3F1032	Smoke box tube	each	Steel
3F1035	Rolled chimney	each	Steel
3F1036BR	Brass chimney cap (spun)	each	Brass
3F1036CU	Copper chimney cap (spun)	each	Copper
3F1037	Spacer ring	each	Steel
3F1041	Pivot bracket for front axle	each	S G iron
3F1042	Perch bracket	each	Cast iron
3F1046	Spud pan ring	each	Steel
3F1047	Spud pan (spun)	each	Steel
3F1082	Fire grate	each	Cast iron
3F1130	Cylinder block	each	Cast iron
3F1130/1	Cylinder liner	each	Cast iron
3F1137/38	Steam valve / carrier	each	Gunmetal
3F1143	Steam chest cover-plate	each	Cast iron
3F1145	Safety valve spring	each	Steel
3F1148	Safety valve chimneys	pair	Gunmetal
3F1156	Cylinder piston rod gland	each	Gunmetal
3F1157	Crosshead support	each	Cast iron
3F1159	Cylinder end cover (rear)	each	Cast iron
3F1173	Top footstep	each	Gunmetal
3F1174	Water filler box	each	Gunmetal
3F1175	Water filler box lid	each	Gunmetal
3F1176	Bottom footstep	each	Gunmetal
3F1191	Left-hand & 2nd. bearing housing	pr/unit	Cast iron
3F1192	Right-hand & 2nd. bearing housing	pr/unit	Cast iron
3F1193	Bearing oiler caps	pair	Cast iron
3F1194	Main bearing, top & bottom	pair	Gunmetal
3F1195	Gear fast pinion	each	Cast iron
3F1197	Gear slow pinion	each	Cast iron
3F1198	Crankshaft	each	S G iron
3F1201	Flywheel	each	Cast iron
3F1202/A	Slow gear, 2nd. shaft	each	Cast iron
3F1202/B	Fast gear, 2nd. shaft	each	Cast iron
3F1206	Fast/slow changeover bracket	each	Cast iron
3F1222	Cylinder end cover (front)	each	Cast iron
3F1225	Wayshaft bracket	each	Cast iron
3F1245	Eccentric housing bracket	set/3	Cast iron
3F1274	Front wheel spokes	set/24	Steel
3F1275	Rear wheel spokes	set/32	Steel
3F1276	Rear wheel hubs	pair	Cast iron
3F1276/1	Rear wheel hub cover-plates	set/4	Cast iron
3F1281	Brake hand wheel	each	Cast iron
3F1282	Brake bracket upper	each	Cast iron
3F1286	Brake bracket lower	each	Cast iron
3F1289	Brake disc	each	Cast iron
3F1296	Hub caps rear	pair	Gunmetal
3F1300	Hub caps front	pair	Gunmetal
3F1311	Rear axle bearing housing	pair	Cast iron
3F1312	L-hand 3rd. shaft bearing housing	each	Cast iron
3F1313	R-hand 3rd. shaft bearing housing	each	Cast iron
3F1319	Drive gears 2nd. 3rd. shaft	pair	Cast iron
3F1320	Driven gear, 3rd. shaft	each	Cast iron
3F1321	Differential/ final drive	each	Cast iron
3F1326	Left-hand drive wheel	each	Cast iron
3F1327	Winch drum	each	Cast iron
3F1333	Steering wheel	each	Cast iron
3F1342	Front axle	each	S G iron
3F1343	Regulator bracket	each	Cast iron
3F1351	Differential pinion gears	pair	Cast iron
3F1352	Differential bevel gears	pair	Cast iron
3F1361	Water pump body	each	Gunmetal
3F1362	Water pump valves	unit	Gunmetal
3F1363	Elbow (pump)	each	Gunmetal
3F1364	Stuffing gland (pump)	each	Gunmetal
3F1365	Clack valve (injector)	each	Gunmetal
3F1367	Clack valve (pump)	each	Gunmetal
3F1368	Elbow for 3F1367	each	Gunmetal
3F1371	Steam take off body	each	Gunmetal
3F1372	Gate valve body	pair	Gunmetal
A461	Handwheels 7/8" ϕ	pair	Gunmetal
3F1375	Water lifter	each	Gunmetal
3F1376	Elbow for 3F1376	each	Gunmetal
3F1381	Water gauge top unit	each	Gunmetal
3F1382	Water gauge bottom unit	pair	Gunmetal
3F1385	Governor base	each	Gunmetal
3F1387	Governor gears	set/2	Steel
3F1388	Governor balls	set/2	Steel
3F1395	"FOSTER" makers name plate	each	Gunmetal



Scaled down from our successful 4-inch scale engine. Suitable for the beginner or experienced alike. Introduced into our range of engines in 1999 this engine is proving popular for those who want a smaller engine. Drawings for this engine are available in imperial or metric sets.

General Dimensions

Length	55"
Height	33"
Track front	18 3/8"
Tract rear	21 3/4"
Wheel base	31 1/8"
Rear wheel	18" OD
Front wheel	11 5/8" OD
Flywheel	13 1/2" OD
Final drive gear	10 1/2"
Total weight	6.5cwt approx.
Working pressure	120 PSI
Cylinder bore	2 1/16"
Stroke	3 3/32"

Available in Imperial and Metric dimensions