

B and S Massey Engineering Drawings
Accession Number 1992.230

<u>DRAWING NO</u>	<u>TITLE</u>	<u>Boiler Number</u>	<u>DATE</u>	<u>Order No</u>
1149F	Base plate for 30 cwts steam hammer (special selfacting)	General sawing 1129	16.6.1888	
1143F	7 cwts improved rigby steam hammer	superceding no. 449	4.5.1888	
1146F	repair cylinder etc. for Crippin Wigan (D5183)		13.6.1888	
1145F	2 1/2 cwt welding hammer		6.6.1888	
1144F	7 cwt steam hammer		1.6.1888	
5F	1 1/2 cwt steam hammer		1.1871?	
2F	1/2 cwt stamping hammer		1873	
1F	1/2 cwt steam hammer		6.6.1871?	
14F	10 cwt steam hammer	cloth negative in fireproof room	25.3.1872	
12F	7 cwt SA hammer	7 cwt steam hammer	10.6.1872	
11F	6 cwts arch hammer	250 blows per minute	24.8.1872	
16F	15 cwt overhanging steam hammer	superceded by no 1037	4.1872	
18F	15 cwt steam hammer	superceded by no 896	4.6.1872	
19FA	30 cwt steam hammer, single acting	revised ??1883. Cylinder drawing 107	1883?	
177F	wall bracket for 2" pedestal		1.8.1874	
63F	1 1/2 cwt self acting steam hammer		nd	
61F	forgings for 1 cwt arch hammer for steel tilting		11.1872	
60F	1 cwt steam hammer		[1.1877]	
66F	5 cwt stamp		1.4.1884	
65F	3 cwt stamp self acting		10.6.1872?	
64F	3 cwt stamp with foot lever		nd	
1241F	special anvil-block for 30 cwt steam hammer		21.5.1889	
1240F	20 cwt steam hammer		15.5.1889	
1239F	friction-gear and tup for 3 1/2 cwt drop hammer		13.5.1889	
1236F	steel standard for tube welding ???		29.?.1889	
1233F	anvil-block for 1 1/2 cwt steam hammer		15.7.1892	
1266F	reconstruction of old hammer	cylinder drawing 1263, forgings drawn	15.8.1889	
1257F	alteration to 26" circular saw	for general drawing see 1056	15.7.1889	
1255F	20 cwt improved rigby hammer	general drawing no 1240	1.7.1889	
1254F	foundation for 8 cwt steam hammer	long note on use signs of wax seal	1.7.1889	
1251F	foundation for 30 tons steam press	for general drawing see 1225	11.5.1889	
1250F	26 " circular saw alteration	general drawing 1056	5.6.1889	
1049F	10 cwt steam hammer		20.6.1889	
1248F	piston-rod and tup for 30 cwt steam hammer		27.6.1889	
1247F	anvil-block for 6 tons steam hammer		1.6.1889	
1263F	special cylinder for old standard (ryder) Bolton		2.8.1889	
1262F	7 cwt steam hammer	seal remains on back	1.8.1889	
1261F	7 cwt steam hammer		22.7.1889	
1270F	foundation for 7 cwt steam hammer		22.8.1889	
1269F	reconstruction of old hammer (D 5643)		22.8.1889	
1287F	foundation for 4 cwt steam hammer	note re improved rigby	27.12.1889	
1286F	head gear and tup for 5 cwt friction hammer hasse type		12.11.1889	
1285F	forgings for 1 cwt suspended hammer		7.12.1889	
1284F	100 cwt suspended hammer		27.11.1889	
1283F	forgings for 100 tons steam press		4.11.1889	
1282F	5 cwt friction hammer hasse type		7.11.1889	
1281F	forgings for 5 cwt steam stamp		21.11.1889	
1280F	head gear for 1 cwt friction hammer		29.10.1889	
1279F	1 cwt friction drop hammer		13.11.1889	
1278F	1 cwt friction hammer		21.10.1889	
1277F	dyes for 5 cwt steam stamp		11.10.1889	
1276F	forgings for double 2 cwt steam hammer		11.10.1889	
1518F	anvil-block for 2500lbs steam hammer		1.12.1891	
1275F	100 tons steam press		4.10.1889	
1274F	forgings for 8 cwt steam hammer	general drawing no 1256	4.10.1889	
1273F	foundation for 1 cwt friction drop hammer		24.9.1889	
1272F	foundation for 8 cwt steam hammer	general drawing no 1256	19.9.1998	
172F	special 1 1/2 cwt stamp		15.7.1874	
171AF	30 " circular saw for hot iron		24.7.1889	
1148F	5 tons steam hammer	all other details see drawing 1109	16.6.1888	
176F	special 1 1/2 cwt steam stamp for gun barrels		29.7.1874	
1038F	saw sharpener for circular saw (cold iron)		2.11.1886	
1039F	15 cwt steam hammer		15.11.???	
1036F	foundation for 4 cwt coppersmith's hammer		28.10.1886	
1025F	foundation for 8 cwt steel tilting hammer		1.10.1886	
1024F	baseplate anvil-block and pallets for 8 cwt steel tilting hammer		30.9.1886	
1022F	20 cwt steam hammer Wro't iron standards		25.9.1886	
1019F	baseplates and anvil-blocks for 20 cwt arch hammer with wro't iron frame		16.9.1886	
1020F	foundation for 20 cwt arch hr wro't i frame		17.9.1886	
1018F	alterations to 1 1/2 cwt steam hammer ordered with specially wro't actual falling weight about 2 cwt		4.9.1886	

1012F	cylinder and valve gearing adapted to old standard of steam har	old piston rod used	10.8.1886
1009F	15 cwt drop hammer alteration of standards and baseblock	superceding no 630	? 8.1886
1010F	10 cwt friction drop hammer	alteration of standards and baseblock	6.8.1886
no no.	alteration to 10 tons crane	superceded by drawing no 108 F	21.12.1884
1006F	friction gear for 15 cwt drop hammers	superceding no 623	14.8.1886
1001F	50 cwt arch hammer alteration to stage and motion work	general drawing 952	13.7.1886
1002F	foundation for 1cwt steam stamp		15.7.1886
1185F	20 cwt steam hammer	see also drawings no cylinder 595, fou	6.12.1888
1198F	10 cwt steam hammer escape valve		15.1.1889
1191F	foundation for 25 cwt wheel-bosser		19.12.1888
1097F	3 cwt air-cushion hammer alteration		12.1.1889
1195F	hand feed for band saw machine		9.1.1888
1194F	15cwt steam hammer additions to drawing 1177		4.1.1889
1192F	2 cwt friction hammer		20.12.1888
1193F	10 cwt steam stamp		28.12.1888
1177F	15 cwt steam hammer		14.11.1888
1183F	1/2 cwt steam hammer with steel frame (tracing)		20.2.1894
1171F	15 cwt steam hammer		12.10.1886
1172F	2 cwt friction drop hammer	general drawing 1169	26.10.????
1173F	head gear for 2 cwt friction hammer		27.10.1888
1174F	15 cwt steam hammer		1.11.1888
1170F	70 cwt steam hammer baseplate and anvil-block		9.10.1888
1166F	4 cwt steam hammer baseplate and anvil-block		26.9.1888
1165F	2 cwt steam hammer		20.9.1888
1154F	60 cwt steam hammer	general drawing 1152	11.7.1888
1155F	cylinder for 15 cwt steam hammer (Nasmyth)	deedson works, saltney	11.7.1888
1156F	6 cwt steam hammer		25.7.1888
1152F	60 cwt steam hammer (double and single acting)		5.7.1888
171F	smithwork details to 30" circular saw		3.12.1874