

STEAM ENGINE & STEAM BOILER MANUFACTURERS—continued.
 Marshall, Sons & Co. Limited, Britannia iron works, Gainsborough, Lincolnshire. Manufacturers of high pressure, compound, condensing & stationary engines, also portable & vertical engines & boilers, special engines for mining & electric lighting & other purposes, traction engines, thrashing machines, saw benches & corn mills. Agents in Western Australia, William Sandover & Co. Perth & Fremantle

Steam Fittings (Asbestos-packed) Manufacturers.
 Downance & Co. 158 Great Dover street, London S E

Steam Hammer Manufacturers.
 Massey B. & S. Manchester, England.



Patentees & special makers of steam hammers of all kinds, over 3,000 made. Also of steam stamps, kick stamps, drop hammers, pneumatic hammers, forging machines, circular and hand saws for metals, steam forging presses, furnaces, smiths' hearths &c. Medals awarded at all principal exhibitions

Steam Locomotive Makers.
 Aveling & Porter Limited, Rochester; makers of tramroad locomotives, steam road rollers, portable engines, road locomotives &c

Steam Packing Manfrs.
 Boora Thomas, 35 Elliott road, North Brixton, London S W. See advt. p. 11
 Loon Packing Co. (The), Boreham Wood works, Elstree, near London

Steel Founders & Castings Manufacturers.
 Hadfield's Steel Foundry Co. Limited, Sheffield, England

Steel Manufacturers.
 Hadfield's Steel Foundry Co. Attercliffe, Sheffield

SEEBOHM & DIECKSTAHL, Danne-mora steel works, Willey st. Sheffield; manufacturers of crucible cast steel for tools &c. Special "Dannemora" cast steel, self-hardening, for turning & planing tools for hard material; special "Magnat" steel, best warranted double-shear steel, blister steel & crucible cast steel of all descriptions; sheet steel, files, saws &c. &c. T A "Seebohm, Sheffield;" "Dieckstahl, London;" London office, 110 Cannon street E C



Wardlow S. & C. Portobello Steel works, Sheffield. See advt. Inside Front Cover

WHITWORTH SIR JOSEPH & CO. LIMITED, sole manufacturers of the "Whitworth" fluid pressed steel & steel forgings of every description, Openshaw, Manchester

Steel Manufacturers & Mers.
 Askham Bros. & Wilson Limited, Sheffield. See advt. p. 25
 Jackman Joseph & Co. Persberg Steel works, Attercliffe, Sheffield. Specialties: best cast & silver steel for engines, boiler makers, miners' drills &c.; shear, blister & welding cast steel; hammers, picks &c
 Turton Bros. & Matthews, Steel, File & Spring works, Sheffield
 Tyzack W. & Sons & Turner, Little London works, Abbeydale, Sheffield. See advt. p. 23

Steel Castings Manufacturers.
 Askham Bros. & Wilson Limited, Sheffield. See advt. p. 25
 Wardlow S. & C. Portobello steel works, Sheffield. See advt. Inside Front Cover

Steel Pen Manufacturers.
 Brandauer C. & Co. 401 to 410 New John street west, Birmingham
 Mitchell William, Cumberland street, Birmingham; & 41 Cannon street, London E C

Steel Toy Manufacturers.
 Atkin & Sons Limited, Sheffield works, Rea street south, Birmingham. See advt. p. 17

Stirrup Makers (Wholesale).
 Hawkins J. H. & Co. Limited, Walsall, England. See advt. p. 20

Stocks, Taps & Dies Manufacturers.
 Atkin & Sons Limited, Sheffield works, Rea street south, Birmingham. See advt. p. 17
 Chatwin Thomas, Great Tindal street, Birmingham. See advt. p. 16

Stone Breaking Machinery Manufacturers.
 Askham Bros. & Wilson Limited, Sheffield. See advt. p. 25

Stove & Range Makers.
 Barnard, Bishop & Barnards Limited, Norfolk iron works, Norwich. See advt. p. 29

Stove Screen Manufacturers.
 Tuck Raphael & Sons Limited, 72 & 73 Coleman street, City, London. See advt. p. 10

Surgical Elastic Stocking & Truss Manufacturer.
 Haywood J. H. Castle Gate, Nottingham

Surgical Needle Makers.
 Milward H. & Sons, Limited, Redditch, England. See advt. p. 20

Surveying Instrument Maker.
 Stanley William Ford, Great Turnstile, Holborn, London W C. See advt. p. 10

Syphon Vases for Aerated Waters.
 Barnett & Foster, Eagle Wharf road, London N. See advt. p. 2

Tablet & Granulated Jelly Manufacturers.
 Nelson G., Dale & Co. Lim. 14 Dowgate hill, London E C. See advt. p. 12

Tanners.
 Barrow Samuel & Brother Lim.; offices & warehouses, Weston street, London S E. See advt. p. 5
 Wood T. T. 48 Tanner st. Bermondsey, London S E. See advt. p. 15

Tanning Materials.
 Scriven Bros. & Co. 35 St. Thomas' street, Bermondsey, London S E. See advt. Facing Bark Factors

Tarpaulin Manufacturers.
 Briggs Thomas, 21 Major street, Manchester. See advt. p. 26

Tea Mixers & Mill Makers.
 Savage & Co. 28 Love lane, Eastcheap E C; works, Snow's fields, Bermondsey, London S E. See advt. p. 15

Telegraph Wire Manufacts.
 Glover W. T. & Co. Salford, Manchester; & 39 Victoria st. London S W. See advt. p. 28
 Shaw John Limited, Yorkshire wire rope & fencing works, Sheffield. See advt. p. 22

Telegraph Wire & Cable Mnfrs.
 Glover W. T. & Co. Salford, Manchester; & 39 Victoria st. London S W. See advt. p. 28

Telephone Wire Manufacturers.
 Glover W. T. & Co. Salford, Manchester; & 39 Victoria st. London S W. See advt. p. 28

Telescope Manufacturers.
 Dallmeyer J. H. Ltd. 23 Newman street, London W. See advt. p. 12

Tent & Marquee Manufacts.
 Briggs Thomas, 21 Major street, Manchester. See advt. p. 26
 Feltham W. H. 87 Tooley street, London S E. See advt. p. 12

Threshing Machine Manfrs.
 Ransomes, Sims & Jefferies Limited, Orwell works, Ipswich. See advt. p. 29

Tile Manufacturers.
MINTON, HOLLINS & CO. Patent Tile works, Stoke-on-Trent. By special appointment to H.M. The Queen. Exhibition awards, London 1851 & 1862, Paris 1855, 1867 & 1878, Melbourne 1881, Moscow 1872, Vienna 1873, Philadelphia 1876, Calcutta 1884. Established 1840

Timber Merchants.
 Hopton & Sons, George street, Euston square, London N W. See advt. p. 6
TICKLE R. G. & SON, 33 to 37 & 47-53 Blackstock street, Liverpool. (See also Mahogany Merchants)

Tobacco Machinery Makers.
 Greig John & Sons, Fountain House works, Edinburgh

Tool Manufacturers.
 Chatwin Thomas, Great Tindal street, Birmingham. See advt. p. 16
 Maud & Turner, Perseverance works, Gibbet st. Halifax. See advt. p. 28

Nicholson Jos. C. Tool Co. (The), New-castle-on-Tyne. See advt. p. 30
 Tyzack W. Sons & Turner, Little London works, Abbeydale, Sheffield. See advertisement, p. 23
 Whitworth Sir Joseph & Co. Limited (engineers'), Ashton road, Openshaw, Manchester

Tool Manfrs.—Gasfitters'.
 Chatwin Thomas, Great Tindal street, Birmingham. See advt. p. 16

Tracing Cloth & Paper Mnfrs.
 Poore George J. & Co. 35 North John street, Liverpool. "Closely woven," "Diaphano," "Crescent," & "Pure White" Tracing Linens

Traction Engine Manfrs.
 Ransomes, Sims & Jefferies Lim. Orwell works, Ipswich. See advt. p. 29

Tramway & Colliery Wheel Manufacturers.
 Miller & Co. London Road foundry, Edinburgh

Tramway Material Manfrs.
 Askham Brothers & Wilson Limited, Sheffield. See advt. p. 25

Travelling Bag Makers.
ASPREY C. & G. E. 166 New Bond st. London W. By appointment to H.R.H. Prince of Wales. Illustrated catalogue free

Trek Tow Chain Makers.
 Hawkins J. H. & Co. Limited, Walsall, England. See advt. p. 20

Tube Manufacturers.
 Foster Bros. Limited, Lea Brook works, Wednesbury. See advt. commencement of English Section
 Spencer John, 14 Great St. Thomas Apostle, London E C; works, Wednesday

Turbine Manufacturers.
 Arnfield J. J. & Co. 20 Mark lane, London E C

Underclothing Manufacturers.
LUCAS W. F. & CO. 129A, London wall, London E C; manufacturers of "Oxford" underclothing & baby linen; Australian agents, Mr. G. Phillips, 18 Barrack street, Sydney
STAPLEY & SMITH, 128 London wall, London E C
 Underhill, Stanham & Musson Limited, 11 & 13 London wall, London E C

Universal Provider.
 Whiteley William, London; ladies' & gentlemen's attire, household furniture & bedding, ironmongery, brushes, turnery, china & glass, pianos, musical instruments & music, grocery & provisions, wines, spirits & beer exporter

Upholsterers.
NEWSON & CO. Minsbury house & 2 & 4 Worship street, London E C. See also Furniture Manufacturers

Upholsterers' & Coach Builders' Leather.
 Wood T. T. 48 Tanner street, Bermondsey, London S E. See advt. p. 15

Varnish Manufacturers.
 Abbott, Abbott & Co. Verney road, London S E
 Alder H. B. & Co. 60 Fenchurch st E C; works, Limehouse, London E C
 Bigsby William Thomas, Trundley's rd. Deptford, London S E
 Burrell & Co. 117 & 118 Leadenhall st. London E C & Burrell's wharf, Millwall, London E
 Rose Sir W. A. & Co. 66 Upper Thames street E C & Rose's wharf, Millwall, London E

Vice Makers.
 Askham Brothers & Wilson Limited, Sheffield. See advt. p. 25

Vinegar Manufacturers.
 Grimble & Co. Limited, Cumberland market, London N W. (Six Gold Medals)

Vinegar Merchants.
 Bumsted D. & Co. 36 King William st. London E C. See advt. p. 13

Wagon Cover Makers.
 Briggs Thomas, 21 Major street, Manchester. See advt. p. 26
 Feltham W. H. 87 Tooley street, London E C. See advt. p. 12

Warehousemen.
 Faudel, Phillips & Sons, 36 to 40 Newgate st. London E C. See advt. p. 14

Watch & Clock Makers.
 Dent E. & Co. 61 Strand & 4 Royal Exchange, London. Watch & clock makers to the Queen & Prince of Wales, Makers of the great clock of the Houses of Parliament & of the standard clock of the Royal Observatory, Greenwich

Water Closet Manufacturers.
 Guest & Chrimes, foundry & brass works, Rotherham, Yorkshire. See advt. p. 21
 Tylor J. & Sons Lim. 2 Newgate street, London E C

Water Closet Manufacturer—Patent.
ROBINSON B. Church Gresley, near Burton-on-Trent

Water Meter Manufacturers.
 Guest & Chrimes, foundry & general brass works, Rotherham, England. See advt. p. 21
 Tylor J. & Sons Lim. 2 Newgate street, London E C

Water Waste Preventers.
 Falcon Brass Works Limited (W. J. Holmes, managing director), Holland street, Blackfriars road, London S E. See advertisement p. 6

Waterproof Composition Manufacturer.
 Singleton William, Newland works, Lincoln. Established over 30 years

Waterproof Cover Manufact.
 Singleton Wm. Newland works, Lincoln (every description). Estd. 30 years

Web Manufacturers.
 Bird Robert & Co. Crawkerne, Somerset. Saddlery & upholstery webs of all descriptions, also ready-made girths & rollers &c. & horse clothing
 Hart Arthur, Crawkerne, England. Manufacturer of saddlery & upholstery webs &c. Prices & samples on application

Weighing Machine Manfrs.
DENISON SAML. & SON, Leeds, England. Established 1820; telegraph address, "Weigh, Leeds;" improved weigh-bridges for railways, roads, pit banks & stores

Welded Boiler Makers.
 Hartley & Sugden Limited, Atlas works (Gibbet street, Halifax)

Well Boring Tool & Pipe Makers.
 Isler C. & Co. Bear lane, Southwark, London S E. See advt. p. 4
 Richards R. & Co. Upper Ground street, London S E

Wheel Makers.
 Hopton & Sons, George st. Euston sq. London N W. See advt. p. 6

Wheelwrights.
 Hopton & Sons, George st. Euston sq. London N W. See advt. p. 6

Whisky Distillers.
 Begg John; office, 17 Weighthouse sq. Aberdeen; & Lochmarg Royal distillery, Balmoral, Aberdeenshire
 Bernard & Co. Whisky Distillers, Leith, Scotland. The "Encore" Whisky
 Bucher F. & Co. Lauris street (head of Constitution street), Leith. Blenders of old Scotch whisky. Proprietors of "Royal Salute" and "Three Star" old Scotch whisky

BULLOCH, LADE & CO. LIMITED, distillers from pure malt only, at Loch Katrine distillery, Camlachie, Glasgow; Benmore distillery, Campbeltown; & Caol Ila distillery, Island of Islay; also exporters of the choicest old blended Highland whiskies; offices, 4 Bothwell street, Glasgow & 21 Mincing lane, London

Harey J. & J. & Co. Dundas Hill distillery, Glasgow, distillers of pure malt Scotch whisky & exporters of standard blends of finest old Scotch whiskies. Established 1770

WHITE HORSE CELLAR, Glenlivet malt whisky shipped by Mackie & Co. distillers Limited, Craigalachie, Glenlivet; Lagavulin & Laphroig distilleries, Islay; & 217 West George street, Glasgow. (Milne & Co. Perth, agents for Western Australia)

Whisky Merchants & Exporters.
 Beaton D. O. Kirkecaldy, Scotland. Exporter of Scotch whisky. Samples & quotations on application
 "Breadalbane" Highland whisky (Alex' Ferguson & Co. Limited), Glasgow
 Ferguson Alexander & Co. Limited, Glasgow. "Special Cream Breadalbane," "Glenlivet," & "Club" whiskies