

Refiners—Gold, Silver & Platinum.
Johnson, Matthey & Co. Lim. Hutton garden, London E.C. See advert. p. 6

Refrigerator Manufacturers.
Husham Foundry & Engineering Co. Limited, Union foundry, Derby, & 34 New Bridge street, London, E.C. See advert. p. 27

Refuse Destructors.
Meldrum Bros. Atlantic works, Manchester. See advert. p. 20

Rennet Manufacturers.
FULLWOOD R. J. & BLAND. Estab. 1785. Also manufacturers of Amatto & Oleo butter coloring. Sole address: Steam Amatto works, 31 Bevanend street, Hoxton, London N

Rim Lock Makers—Patent.
Carpenter & Tildesley, Summerford works, Willenhall. See advert. p. 14

Rope & Twine Manufacturers.
Cookson Joseph, Wellington mills, Manchester. See advert. p. 22
Smart Arthur & Co. Robert street mill, Manchester. See advert. p. 20

Rope & Twine Machinery.
Perflex Tube & Engineering Co. Limited, Bridgewater street iron works, Green-gate, Salford, Manchester. See advert. p. 21

Saddle Felt Manufacturers.
Whitehead R. R. & Bros. Lim. 10 Endell street, London W. C. See advert. p. 11


Saddles (Bicycle & Tricycle) Manufacturers.
Wood's Patent Wire Cycle Saddles. Makers, Longford Wire Co. Lim. (Warrington, England)

Safe Manufacturers.
Price George Limited, Cleveland works, Wolverhampton

Safe Maker—Iron.
Tann John, "Anchor Reliance," 11 New-gate street, London E.C.

Safety Fuse Manufacturers.
Tangye E. Redruth, Cornwall. See advert. p. 27

Sail Cloth Manufacturers.
HAYWARD, RICHARD & CO. The Coker Sailcloth works, Crewkerne, Somerset.



Spinners & manufacturers of flax & cotton sail cloth, sail twines &c. Awarded the only Gold Medal for the United Kingdom, also Special prize & Diploma of Honour at the International Fisheries Exhibition, London 1883. Telegraphic address—"Hayward, Coker Works, Crewkerne"

Salt Merchants & Exporters.
VERDIN-COOKE J. J. 9 James street, Liverpool

Sanitary Appliance Manufcs.
Lely A. J. & Son, 12 Railway approach, London bridge, London S.E. See advert. p. 7
Robinson B. Church Gresley, England

Sanitary Engineers.
Glenfield Co. Limited, Kilmarnock, Scotland. See advert. p. 27
Hughes & Lancaster, 47 Victoria street, Westminster, London S.W.; manufacturers of "Shone's" ejectors, air compressors, rock drills &c

Sanitary Fittings Manufcs.
Robinson B. Church (Gresley, England)

Saw Manufacturers.
Tyzack W., Sons & Turner, Little London works, Abbeydale, Sheffield. See advert. p. 17

Saw Mill Machinery Manufcs.
Clayton & Shuttleworth, Lincoln, England. Refer to entry under Mining Machinery
Reynolds F. W. & Co. Acorn works, Edward st. & Chancel st. Blackfriars road, London S.E. See advert. p. 8

Scale & Weight Makers.
Savage & Co. 28 Love lane, Eastcheap E.C.; works, Snow's fields, Bermondsey, London S.E. See advert. p. 11

Screwing Tackle Manufcs.
Armstrong Sir W. G., Whitworth & Co. Limited, Elswick works, Newcastle-upon-Tyne & Ashton rd. Openshaw, Manchester
Chatwin Thomas, Great Tindal street, Birmingham. See advert. p. 12

Soythe, Sickle & Reaping Hook Manufacturers.
Tyzack W., Sons & Turner, Little London works, Abbeydale, Sheffield. See advert. p. 17

Seedsman.
SUTTON & SONS (Sutton's Vegetable, Flower, Farm & Grass Seeds of the highest purity & germination),
ROYAL SEED ESTABLISHMENT, Reading, England; & 13 Victoria st. London S.W. Priced Lists mailed free on application



Shafting Manufacturers—Patent Rolled (Bright Compressed).
Kirkstall Forge Co. Leeds. See advert. p. 19

Sheep Dip Manufacturers.
Dussek Bros. & Co. Verney road, London S.E. See advert. p. 9

Sheep Shear Manufacturers.
Ball Brothers, Globe works, Penistone road, Sheffield

Sheet Lead Manufacturers.
Foster, Blackett & Wilson Limited, Newcastle-on-Tyne

Shipping & Forwarding Agents.
Neale & Wilkinson, 32 St. Mary Axe, London E.C. Goods shipped, cash on delivery

Ships' Paint Manufacturers.
Peacock & Bachan, Southampton. See advert. p. 26

Shoe Mercery Manufacturers.
FAIRE BROS. & CO. St. George's mills, Leicester, England; elastic web, linings, boot laces, loopings, cork socks, bindings, beadings

Show Card & Advertising Novelties.
Tuck Raphael & Sons Limited, 71, 72 & 73 Coleman street, City, London. See advert. p. 9

Silk Manufacturers.
Bright John & Brothers Limited, Field-house mills, Rochdale

Silversmiths—Manufacturing.
MAPPIN BROTHERS (original firm established 1810), 220 Regent street, London W & 66 Cheapside, London E.C. (late of 67 King William street, London bridge). Manufacturers of "Queen's Plate," "Queen's Cutlery"; manufactory, The Queen's works, Sheffield

Silversmiths—Wholesale.
Saunders & Shepherd, Bartlett's Passage buildings, Holborn circus, London E.C. See advert. p. 3

Skin Factors.
Scriven Brothers & Co. 35 St. Thomas street, Bermondsey, London S.E.

Slate Manufacturers.
Davies Bros. Portmadoc, North Wales. Exporters of all kinds of Welsh slates

Slate Merchants.
Vallongo Slate & Marble Quarries Co. Lim. 165 Queen Victoria street, London E.C. See advert. p. 11

Slate Tank Manufacturers.
Vallongo Slate & Marble Quarries Co. Lim. 165 Queen Victoria st. London E.C. See advert. p. 11

Smallware Manufacturers.
FAIRE BROS. & CO. St. George's mills, Leicester, England. Skirt beltings, prussian bindings, tapes, mendings

Smallware Machinery Makers.
Perflex Tube & Engineering Co. Lim. Bridgewater Street iron works, Green-gate, Salford, Manchester. See advert. p. 21

Smelling Bottle Makers—Wholesale.
Saunders & Shepherd, Bartlett's Passage buildings, Holborn circus, London E.C. See advert. p. 3

Soda Water Machinery Manufcs.
Barnett & Foster, Eagle Wharf road, Hoxton, London N. See advert. p. 2
Hayward-Tyler & Co. 90 & 92 White-cross street, London E.C. See advertisement facing Aërated Water Machinery Manufacturers

Sofa Spring Manufacturers.
Bagshaw & Morris, 43 Charlotte street, Great Eastern street, London E.C. See advert. p. 4

Solicitors.
Burn & Herridge, solicitors, commissioners & solicitors to the Government of Newfoundland, 11 Old Broad st. London E.C.

Spade & Shovel Manufcs.
Hadfield's Steel Foundry Co. Limited, Sheffield, England

Sponge Importers.
COHEN I. & M. 53 & 54 Houndsditch E & 66 St. Mary Axe, London E.C.

Sponge Merchants.
COHEN I. & M. 53 & 54 Houndsditch E & 66 St. Mary Axe, London E.C.

Sponge Cloth Manufacturers.
Chain Bar Mill Co. Moston & 32 Victoria street, Manchester
Cookson Joseph, Wellington mills, Manchester. See advert. p. 22
Smart Arthur & Co. Robert street mill, Manchester. See advert. p. 20

Spring Manufacturers.
Bagshaw & Morris, 43 Charlotte street, Great Eastern street, London E.C. See advert. p. 4

Stable Fittings Manufcs.
Lely A. J. & Son, 12 Railway approach, London S.E. See advert. p. 7

Stationers—Wholesale & Export.
OUSEY GEORGE R. & CO. wholesale stationers & manufacturers of tracing cloth, bookbinders' cloth & materials & mounted drawing papers, 7 Bunhill row, London E.C.

Stationers—Wholesale & Manufacturing.
Ward (Marcus) & Co. Limited, Royal Ulster works, Belfast, Ireland

Steam Boiler Manufacturers.
Clayton & Shuttleworth, Lincoln, England. Refer to entry under Mining Machinery
Ransomes, Sims & Jefferies Lim. Orwell works, Ipswich. See advert. p. 28

Steam Engine Manufacturers.
Clayton & Shuttleworth, Lincoln, England. Refer to entry under Mining Machinery
Prystale & Co. (high speed), Bon-Accord engine works, London road, Glasgow. See advert. p. 26
Hayward-Tyler & Co. 90 & 92 White-cross street, London E.C. See advertisement facing Aërated Water Machinery Manufacturers

Hunslet Engine Co. (locomotive), Hunslet Engine works, Leeds. See advert. p. 18
Ransomes, Sims & Jefferies Limited, Orwell works, Ipswich. See advert. p. 28

Steam Engine & Steam Boiler Manufacturers.
Garrett Richard & Sons Limited, Leiston works, Leiston, Suffolk. Estd. 1778
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 Fire Engine Makers.
Rose William, Metropolitan works, Manchester. See advert. p. 21

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

Steam Hammer Manufacturers.
Massey B. & S. Manchester, England. Patentees & makers of steam hammers of all kinds, over 3,000 made. Also of steam stamps, kick stamps, drop hammers, patent pneumatic hammers, patent spring power hammers, forging machines, circular & band saws for metals, furnaces, smiths' hearths &c. Medals awarded at all principal exhibitions



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

Steam Packing Manufcs.
Boorn Thomas, 35 Elliott road, North Brixton, London S.W. See advert. p. 10
Loon Packing Co. (The), Boreham Wood works, Elstree & Moorgate Station chambers, London

Steam Road Roller Manufacturers.
AVELING & PORTER LIMITED, Rochester, England

Steel Manufacturers.
ARMSTRONG SIR W. G., WHITWORTH & CO. LIMITED, sole manufacturers of the "Whitworth" fluid-pressed steel & steel forgings of every description, Elswick works, Newcastle-upon-Tyne & at Openshaw, Manchester
Hadfield's Steel Foundry Co. Limited, Sheffield
Wardlaw S. & C. Portobello Steel works, Sheffield

Steel Manufacturers & Merchants.
Ashkham Bros. & Wilson Limited, Sheffield. See advert. p. 18

Turton Bros. & Matthews Limited, Steel, File & Spring works, Sheffield
Tyzack W., Sons & Turner, Little London works, Abbeydale, Sheffield. See advert. p. 17

Steel Castings Manufacturers.
Ashkham Bros. & Wilson Limited, Sheffield. See advert. p. 18
Wardlaw S. & C. Portobello Steel works, Sheffield

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

Steel Pen Manufacturers.
Mitchell William, Cumberland street, Birmingham; & 44 Cannon street, London E.C.

Stocks, Taps & Dies Manufcs.
Chatwin Thomas, Great Tindal street, Birmingham. See advert. p. 12

Stone Breaking Machinery Manufacturers.
Ashkham Bros. & Wilson Limited, Sheffield. See advert. p. 18

Stove & Range Makers.
Barnard, Bishop & Barnards Limited, Norfolk iron works, Norwich. See advert. p. 14
Lely A. J. & Son, 12 Railway approach, London bridge S.E. See advert. p. 7

Stove Screen Manufacturers.
Tuck Raphael & Sons Limited, 71, 72 & 73 Coleman street, City, London. See advert. p. 9

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

Syphon Vases for Aërated Waters.
Barnett & Foster, Eagle Wharf road, London S. See advert. p. 2

Tablet & Granulated Jelly Manufacturers.
Nelson G., Dale & Co. Lim. 14 Dogwate hill, London S.C. See advert. p. 10

Tanners.
Barrow Samuel & Brother Lim.; offices & warehouses, Weston street, London S.E. See advert. p. 5
Wood T. T. 48 Tanner st. Bermondsey, London S.E. See advert. p. 11

Tanning Materials.
Scriven Bros. & Co. 35 St. Thomas' street, Bermondsey, London S.E.

Tar Merchants.
Dussek Bros. & Co. Verney road, London S.E. See advert. p. 9

Tea Lead Manufacturers.
Betts & Co. Lim.; for packing tea in 1/2 & 1 lb. packets, 1 Wharf road, City road, London S

Tea Mixers & Mill Makers.
Savage & Co. 28 Love lane, Eastcheap E.C.; works, Snow's fields, Bermondsey, London S.E. See advert. p. 11