

**Printing Ink Manufacturers (Colors for).**  
Williams Bros. & Co. Hounslow, Middlesex. See advert. p. xxviii

**Printing Machine Manufrs.**  
Greig John & Sons, Fountain House works, Edinburgh. Established 1810

**Pump Makers.**  
Hayward-Tyler & Co. Ltd. 99 Queen Victoria street, London E C

**Pumping Machinery Manufrs.**  
Hughes & Lancaster Ltd. 16 Victoria st. Westminster, London S W; manufs. of Shone's ejectors for raising sewage &c. air compressors, rock drills &c

**Reaper & Mower Machine Knife Manufacturers.**

Tyzack W. Sons & Turner Ltd. Little London works, Sheffield. See advert. p. xxix

**Rennet Manufacturers.**  
Fullwood R. J. & Bland, 31 Bevedon street, Hoxton, London N

**Sauce Manufacturers.**  
Brand & Co. Limited, Mayfair works, Vauxhall, London S W. At & other sauces

**Saw Manufacturers.**  
Tyzack W. A. & Co. Stella works, Hereford st. Sheffield. T A "Stella"  
Tyzack W. Sons & Turner Ltd. Little London works, Sheffield. See advert. p. xxix

**Screw Manufacturer.**  
Pitter Joseph (square threaded), Britannia works, Cheapside, Birmingham. See advert. p. xxix

**Soythe, Sickle & Reaping Hook Manufacturers.**  
Tyzack W. A. & Co. Stella works, Hereford st. Sheffield. T A "Stella"  
Tyzack W. Sons & Turner Ltd. Little London works, Sheffield. See advert. p. xxix

**Seed Merchants.**  
Boswell Wm. & Co. 36 Mark lane, London E C. T A "Bryce, London"

**Sewing Machine Needle Manufacturers.**  
Milward Henry & Sons Ltd. Washford mills, Redditch

**Sheep Shears Manufacturers.**  
Ball Brothers & Co. Globe works, Penistone road, Sheffield. T N 2355

**Silk Mercers.**  
**MARSHALL & SNELGROVE LIMITED**, court dressmakers & general drapers; the largest stock in Europe of British & foreign silks; 10 to 20 Vere street; 334 to 348 & 352 to 354 Oxford st.; 16 to 20 Henrietta st. & 2 to 24 Marylebone lane, London W

**Silversmiths.**  
Goldsmiths & Silversmiths Co. Ltd. 112 Regent street, London W

**Skirt Manufacturers.**  
Lucas W. F. & Co. 1294, London wall, London E C

**Slate Manufacturers.**  
**DAVIES BROTHERS**, Portmadoc, North Wales. Blue, red & green Welsh roofing slates, slate slabs &c

**Soda Water Machinery Mfrs.**  
Hayward-Tyler & Co. Ltd. 99 Queen Victoria street, London E C

**Solicitors.**  
Burn & Berridge, solicitors, commissioners & solicitors in England to the Government of Newfoundland, 11 Old Broad street, London E C

**Speaking Tube Manufacturers.**  
Sheath Bros. 87 City road, London E C

**Sponge Cloth Manufacturers.**  
Chain Bar Mill Co. Moston & 56 Newton street, Manchester

**Square Threaded Screw Mfr.**  
Pitter Joseph, Britannia works, Cheapside, Birmingham. See advt. p. xxix

**Stained Glass Artists.**  
Jones & Willis Ltd. 43 Great Russell street, London W C & at Edmund st. Birmingham

**Stair Treads.**  
Sheath Brothers, 87 City rd. London E C

**Steam Engine & Steam Boiler Manufacturers.**  
Garrett Richard & Sons Ltd. Leiston works, Leiston, Suffolk, England. Established 1778

**Steam Fittings (Asbestos-Packed) Manufacturers.**  
Dewrance & Co. 165 Great Dover street, London S E

**Steam Gauge Manufacturers.**  
Tomey Joseph & Sons Limited (steam pressure & vacuum), Catherine street, Aston, Birmingham

**Steam Hammer Makers.**  
Massey B. & S. Openshaw, Manchester; steam hammers & stamps, steam & friction drop stamps, patent pneumatic power hammers, the best belt-driven hammers, patent spring power hammers, saws for metals &c

**Steel Manufacturers.**  
**EAGLE & GLOBE STEEL CO. LIMITED (THE)**, Dannemora steel works, Sheffield, Melbourne, Sydney, Kulgoolie & Fremantle (Australian agents for Seaborn & Dieckstahl Limited, Sheffield); manufacturers of "An Eagle on a Globe" brand of crucible cast steel for tools &c. "Capital" high speed steel; "D.S.W." water or oil-hardening steel; miners' drill steel &c.; Tel. add. "Dannemora, Sheffield"; London office, 7 East India avenue E C

**Steel Manufrs. & Merchants.**  
Andrew Jno. Hy. & Co. Limited, Toledo steel works, Sheffield

Tyzack W. A. & Co. Stella works, Hereford street, Sheffield  
Tyzack W. Sons & Turner Limited, Little London works, Sheffield. See advert. p. xxix

**Steel Castings Manufacturers.**  
Hadfield's Steel Foundry Co. Limited, East Hecla works, Tinsley, Sheffield  
—T A "Hadfield, Sheffield"

**Surgical Needle Makers.**  
Milward Henry & Sons Lim. Washford Mills, Redditch

**Surveying & Drawing Instrument Manufacturers.**  
**STANLEY W. F. & CO. LTD.** 4 & 5 Great Turnstile, Holborn & 286 High Holborn, London W C

**Surveying Instruments & Mining Apparatus.**

**DAVIS JOHN & SON (DERBY) LIMITED**, All Saints works, Derby, England; Cablegrams, "Davis, Derby"; Cable codes, A B C, 5th edition & Lieber. Surveying instruments, transits, levels, dials &c. mathematical drawing instruments, miners' safety lamps, electric blasting apparatus, telephones, signals

**Table Expander Manufact.**  
Pitter Joseph, Britannia works, Cheapside, Birmingham. See advt. p. xxix

**Tinfoil Manufacturers.**  
Bets & Co. 241 to 257 City rd. London E C

**Tinmen's & Coppersmiths' Furniture Manufacturers.**  
Banks & Davis (late Pipe & Banks), River street, Deritend, Birmingham

**Tobacco Machinery Makers.**  
Greig John & Sons, Fountain House works, Edinburgh. Established 1810

**Tobaccoists' Sundriesmen.**  
Hovenden R. & Sons Limited, 30 to 33 Berners st. London W & 89 to 95 City road, London E C. See advt. p. xxviii

**Tool Manufacturers—Mining.**  
Tyzack W. Sons & Turner Limited, Little London works, Sheffield. See advert. p. xxix

**Tramway Material Manufrs.**  
Hadfield's Steel Foundry Co. Limited, East Hecla works, Tinsley, Sheffield.  
—T A "Hadfield, Sheffield"

**Tramway Point & Crossing Manufacturers.**  
Hadfield's Steel Foundry Co. Limited, East Hecla works, Tinsley, Sheffield.  
—T A "Hadfield, Sheffield"

**Tramway Wheel & Axle Mfrs.**  
Hadfield's Steel Foundry Co. Limited, East Hecla works, Tinsley, Sheffield.  
—T A "Hadfield, Sheffield"

**Tube Manufacturers.**  
**DEUTSCH-OESTERREICHISCHE MANNESMANNRÖHREN-WERKE**, Düsseldorf. Weldless STEEL TUBES for all purposes

**Turbine Manufacturers.**  
Armfield Joseph J. & Co. 20 Mark lane, London E C

**Typewriter Supplies.**  
Antoine L. Fils & Co. (A. J. Miles, manager), 13 Rose street, Newgate street, London E C. Ribbons & carbons

**Vinegar Makers.**  
Grimble & Co. Ltd. Cumberland market, London N W (eight gold medals)

**Water Mains.**  
Clayton, Son & Co. Ltd. (welded & riveted steel mains), Moor end, Hunslet, Leeds

**Web Manufacturers.**  
**BIRD ROBERT & CO.** Crowkerne, Somerset, England. Manufacturers of saddlery & upholstery wools of all descriptions, also ready-made girths & rollers & horse clothing. Home & export. Telegrams, "Bird, Crowkerne"

**Whisky Merchants & Exporters.**  
Thom & Cameron Ltd. Glasgow; & 23 Leadenhall street, London E C

**White Metal Manufacturers.**  
Dewrance & Co. 165 Great Dover street, London S E. Original manufacturers of anti-friction metals

**Wire Netting Manufacturers.**  
**BARNARDS LIMITED** (galvanized), Norfolk iron works, Norwich; speciality, patent machine-made rabbit proof mixed mesh netting. Sole makers. Buyers should specify "Barnards" or "Busy Bee" brand to ensure satisfaction; contractors to the Victorian Government

**BOLTON & PAUL LTD.** Norwich, England; galvanized wire netting our speciality; large shipments to all parts of the world; made in every variety of mesh from 4in. to 3in.; send for special estimates; large stocks, prompt deliveries

**Wire Rope Manufacturers.**  
**HAGGIE D. H. & G.**  
Wearmouth patent rope works, **SUNDERLAND**, England.

Manufacturers of every description of wire ropes for mining, engineering, oil wells, aerial ropeways, street tramways & shipping purposes; galvanized extra flexible ropes a speciality. London offices, Dashwood house, 9 New Broad street E C  
Telegraphic addresses, "HAGGIE, SUNDERLAND"  
"MINUTELY, LONDON"  
Agent, Frank R. Perrot, No. 883 Hay street, Perth

**Wood Stain Makers.**  
Williams Brothers & Co. Hounslow, Middlesex. See advert. p. xxviii

**Woolen Manufacturers.**  
**KENYON JAMES & SON LIMITED**; every kind of BATTERY BLANKETING, STRAKE CLOTH, AMALGAMATION BLANKETING, CYANIDE & FILTER CLOTH, DOMESTIC BLANKETS &c. &c.; every description of cloths for machinery purposes; Derby Street mills, Bury, Lancs.—T A "Kenyon, Bury." Mention name in requisitions to merchants. Trade mark, "Three Acrobats"

**WILSON J. J. & W. LIMITED**, travelling rugs & wraps, sealskin rugs, tweeds, horse kerseys, ruggings, collar checks & saddlers' wools, horse clothing &c. Castle mills, Kendal, England. Telegrams, "Wilsons, Kendal"

**Writing & Copying Ink Mfrs.**  
Antoine L. Fils & Co. (A. J. Miles, manager), 13 Rose street, Newgate street, London E C