

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

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

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

Razor, Cutlery & Strop Mnfrs.
Osborne, Garratt & Co.
razor & strop manufacturers.



Proprietors of the "Kropp," "Klein," "Elmo," "Car-rara," "Birr," "Ogee" & "Osgar" brands of razors, 51 to 54 Frith street & 8 & 11 Bate-man street, Soho, London w; & at Birmingham

Reaper & Mower Machine Knife Manufacturers.
Tyzack W. Sons & Turner Ltd. Little London works, Sheffield. See advert. p. xxxi.

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

Saddle Felt Manufacturers.
WHITEHEAD R. R. & BROS. LTD. 10 Endell street, London W C

Sail Cloth Manufacturers.
BAXTER BROTHERS & CO. LTD., Dens works, Dundee, Scotland; Agents: Alexander & Paterson, 17 McKillop street, Melbourne; manufacturers of tarpaulin canvas, ducks, dowlas & other heavy linens

Sauce Manufacturers.
Brand & Co. Limited, Mayfair works, Vauxhall, London S W. Ai & 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. xxxi

Screw Manufacturer.
Fitter Joseph (square threaded), Britannia works, Cheapside, Birmingham. See advert. p. xxx

Scythes, 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. xxxi

Sewing Machine Needle Manufacturers.
Milward Henry & Sons Ltd. Washford Mills, Redditch. 2 Grands Prix, Turin, 1911

Sheep Shears Manufacturers.
Ball Brothers & Co. Globe works, Peni-stone road, Sheffield. T N 2355

Silversmiths.
Goldsmiths & Silversmiths Co. Ltd. 112 Regent st. London W (only address)

Sinks—Enamelled Steel.
Griffiths & Brown Ltd. Bradford street, Birmingham. Est. 1820

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

Speaking Tube Manufacts.
Sheath Bros. 87 City road, London E C. Patentees of revolving shutter-fittings for speaking tubes. Makers of the Douglas patent Homophone

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

Square Threaded Screw Mnfr.
Fitter Joseph, Britannia works, Cheap-side, Birmingham. See advt. p. xxx

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 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. Ltd. Manchester; steam hammers & stamps fitted with patent expansion valve gear, patent friction drop stamps, patent pneumatic hammers, patent compressed air hammers, saws for metals &c. &c

Steel Manufacturers.
EAGLE & GLOBE STEEL CO. LIMITED (THE), Darnemora steel works, Sheffield, Melbourne, Sydney, Kalgoorlie & Fremantle (Australian agents for Seeborn & 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. "Darnemora, Sheffield"; London office, 7 East India avenue E C

Steel Manufs. & 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. xxxi

Steel Castings Manufacturers.
Hadfields Ltd. East Hecla works, Tinsley, Sheffield—T A "Hadfield, Sheffield"

Surgical Needle Makers.
Milward Henry & Sons Lim. Washford Mills, Redditch. 2 Grands Prix, Turin, 1911

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

Table Expander Manufactr.
Fitter Joseph, Britannia works, Cheap-side, Birmingham. See advt. p. xxx

Tea Machinery Manufacturers.
Grocers' Engineering & Whitmee Ltd. Cole street, London S E

Tinfoil Manufacturers.
Betts & Co. Limited, 1 Wharf road, City road, London N

Tinmen's & Copper-smiths' Furniture Manufacturers.
Banks & Davis Ltd. River street, Deritend, Birmingham—T A "Seamless"; T N Central 697

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

Tobacconists' Sundriesmen.
Hovenden R. & Sons Limited, 29 to 33 Berners st. London W & 89 to 95 City road, London E C. See advt. p. xxx

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

Tramway Material Manufs.
Hadfields Ltd. East Hecla works, Tinsley, Sheffield—T A "Hadfield, Sheffield"

Tramway Point & Crossing Manufacturers.
Hadfields Ltd. East Hecla works, Tinsley, Sheffield—T A "Hadfield, Sheffield"

Tramway Wheel & Axle Mfrs.
Hadfields Ltd. East Hecla works, Tinsley, Sheffield—T A "Hadfield, Sheffield"

Tube Manufacturers.
MANNESMANNRÖHREN - WERKE, Düsseldorf. Tubes for all purposes, welded & lapwelded. Boring tubes, Spigot & faucet tubes. Steel cylinders, coils, iron drums. Agents: Streitz Bros. Perth & Fremantle

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

Vinegar Brewers.
Grimble & Co. Ltd. Cumberland market, London S W (eight gold medals)

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

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

Whisky Distillers.
Thom & Cameron Ltd. 93 Cheapside street, 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

BOULTON & 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 3/4in.; send for special estimates; large stocks, prompt deliveries

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

Manufacturers of locked coil, flattened strand & 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"
Australasian agents, Overall McCray Ltd. 44 Campbell street (near railway station), Sydney, N. S. W

Woollen Manufacturers.
KENYON JAMES & SON LIMITED; every kind of BATTERY BLANKETING, STRAKE CLOTH, AMALGAMATION BLANKETING, CYANIDE & FILTER CLOTH, DOMESTIC BLANKETS, CLOTHS FOR STEAM LAUNDRIES, &c.; every description of cloths for machinery purposes; Dorby 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, mauds, sealskin rugs, tweeds, horse kerseys, ruggings, collar checks & saddlers' wobs, horse clothing &c. Castle mills, Kendal, England. Telegrams, "Wilson, Kendal"

Writing & Copying Ink Mfrs.
Antoine L. Pils & Co. 13 Rose street Newgate street, London E C