

School Project Sheet

Old Trade Advertisements

Educational visits to Combe Mill are organised jointly by the Combe Mill Society and the Blenheim Palace Education Department. Contact details can be found at the end of this document. 94



F.W.REYNOLDS&C^{0.}

Are offering at Special Prices for Cash or upon Extended Terms, several

OOD-WORKING OTHER MACHINES

which have been taken back from Hire, &c.

Saw Bench, rising and falling spindle, table 3ft. Sin. by 2ft., to take 18in. taws. with boring slide and two saws, £19 10s.]

Firewood Saw Bench, 4tt. by 2ft., to take 24in. saw, £10 108.

Saw Bench, rising and falling table, Sit, Sin. by 1ft. 9in., to take 21in. saw, £12 10s.

Saw - Sharpening Machine, £19.

Firewood Bundler, 18ia. Jaws, on Stand, with Wooden Table, £5.

Saw Bench, for Hand Power, with rising and falling spindle, one 13in. saw, spanner and handle, £8.

Fret Saw Machine, for Power, with Overhead Gear, £10 10s.

Dovetailing Apparatus, with Outter Head and Loose Spindle, Suitable for Vertical Moulding Michine, £10.

"Princess" Bandsaw Machine, £8.

0

Rounding Machine, with 11in. head and self contained countershaft to work in. to 11in., £12 10s.

9in. Hazeland Planer, for boards, boxes, and laths, £36.

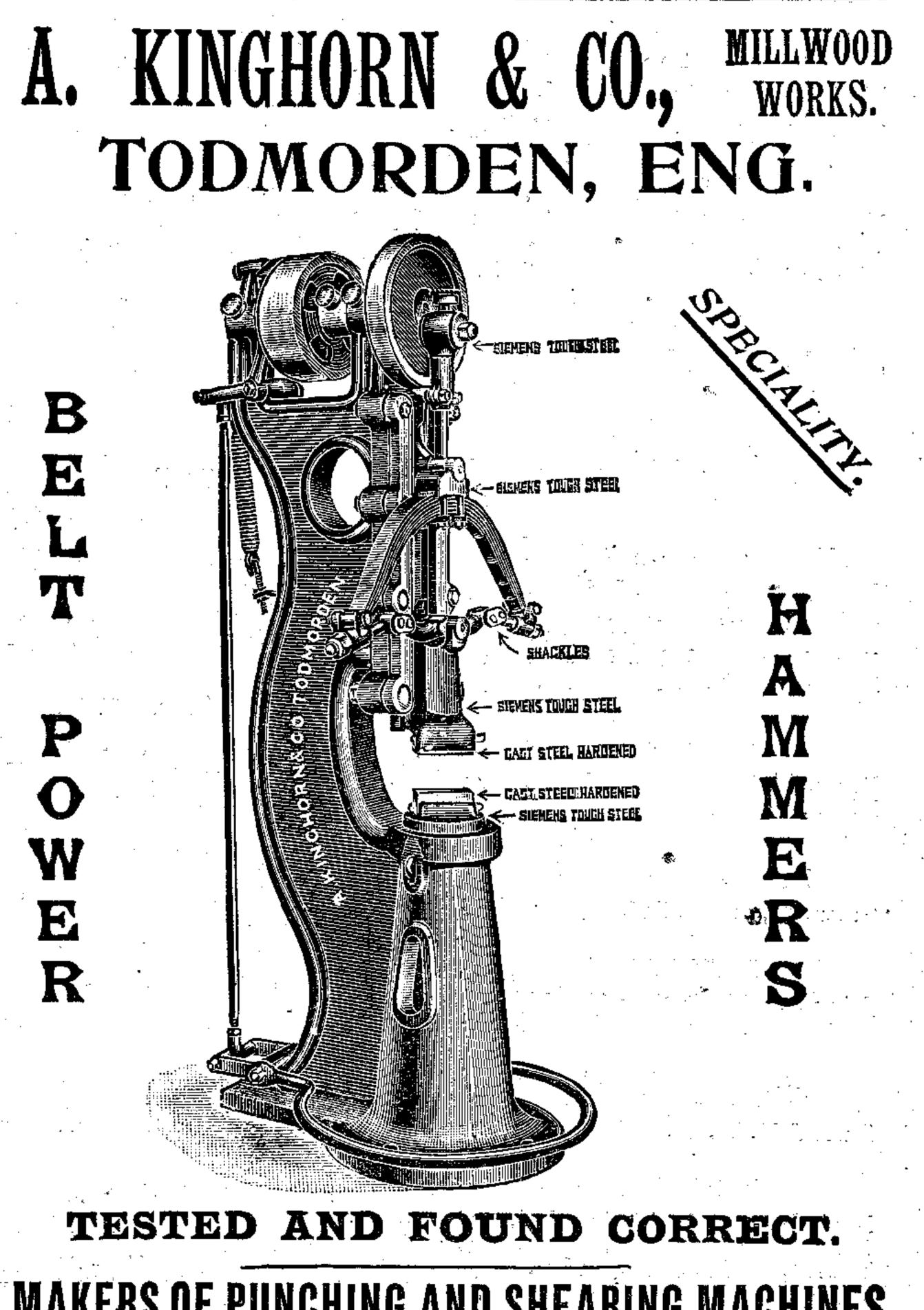
Saw Bench, fixed spindle for power, with one sawea. 12in. and 18in., £11 10s.

71B.H.P. Gas Engine (in capital condition), £39.

8 B.H.P. Oil Engine (nearly new), £55.

Several Lathes, varying in price from £9 to £30.

THESE MAY BE INSPECTED AT "Acorn" Works, Edward Street, Blackfriars Road, S.E.

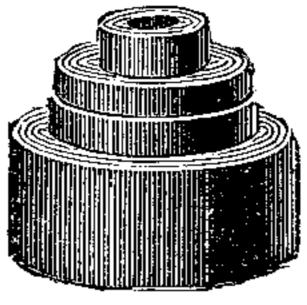


MAKERS OF PUNCHING AND SHEARING MACHINES (HAND AND POWER). Send for Lists.

ENGINEERS' STORES

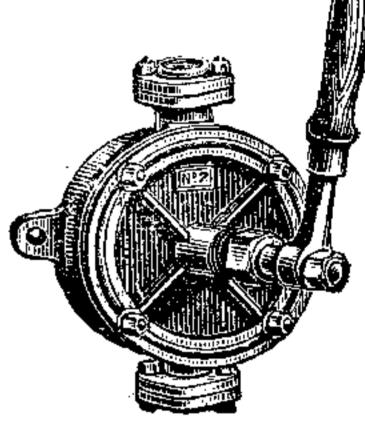
"PENBERTHY" Automatic and Restarting INJECTOR

PENBERTHY



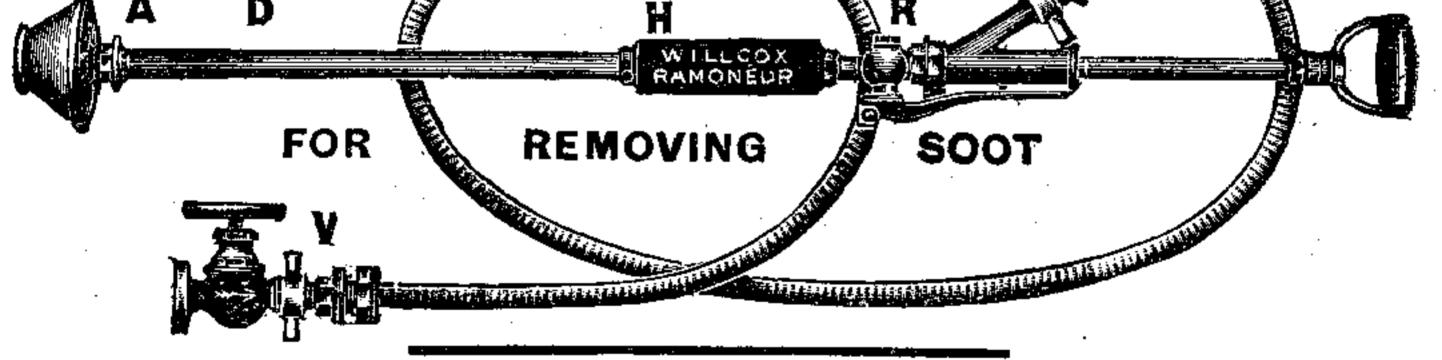
WILLCOX Semi-Rotary WING PUMPS

Leather, Cotton, Hair, Balata and India-Rubber BELTINGS



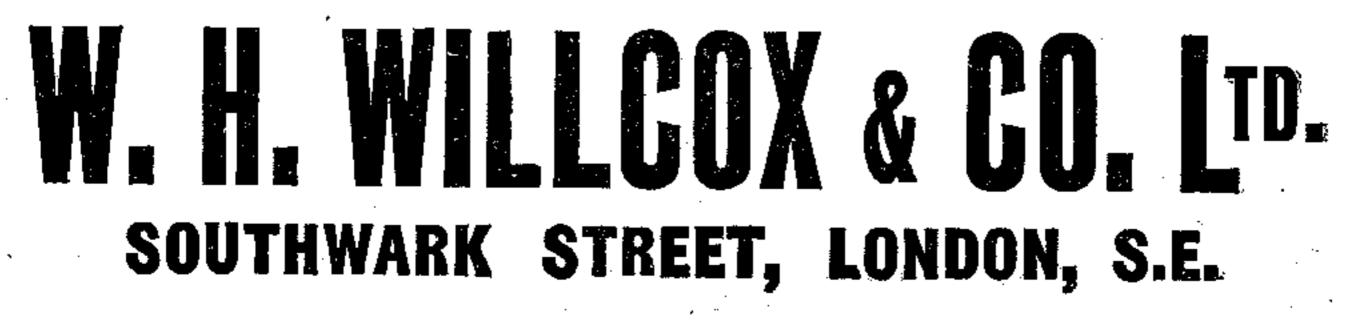
"RAMONEUR" TUBE CLEANER

Works with Hot Air and Dried Steam | Saves Time, Tubes and Trouble



ALSO "JONES=WILLCOX" PATENT WIRE-BOUND (Non-Rubber) HOSE

We supply everything for the Engine-Room. State your requirements and we shall be pleased to quote.



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OVER 3,500,000 IN OPERATION. "THE NEEDLE LUBRICATOR" (LIEUVAIN'S PATENT). Price ONE SHILLING Each. Supersedes all others in economy and efficiency. -A saving of 75 per cent. in oil. Proprietors of English Patent, CLARKE and DUNHAM, Patentees of the Millstone Balance, Millstone and Flour Mill Machinery Factors, Sole Agents for London and Home Counties for Golay's Patent, 48, MARK LANE, London. 0333







BEWARE OF WORTHLESS IMITATIONS. None are genuine that do not bear the "K" Label.

Telegrams-

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Contractors to H.M. Navy, also to H.M. War Department and Home Office, Indian States Railway, and other British Railway Companies.

No other maker has supplied the British Navy throughout.

SAMPLE, POST FREE, 2s. EACH. Patent Steel K'S SEAMLESS OIL CAN with Patent Seamless Spout. JOS. KAYE & SONS, Ltd., KAYE'S PATENT LOCK WORKS, LEEDS. And at 93, HIGH HOLBORN, LONDON, W.C.

"STAUFFERS' TRADE MARK.) - LUBRICANT." THE STANDARD MACHINE GREASE Bearings, Gear-Boxes Chains of Motor Cars. LOCKED-**SOLE Makers:** TRIER BROS., 1, Great George St., Westminster FAND CUMBERLAND WORKS, CAMBERWELL, S.E.

British Engine, Boiler and Electrical Insurance Co. Ltd.



12, King St., Manchester

CHIEF ENGINEER: Michael Longridge, M.A., M.I.C.E., M.I.M.E.

Prevention & Remedy of Breakdowns

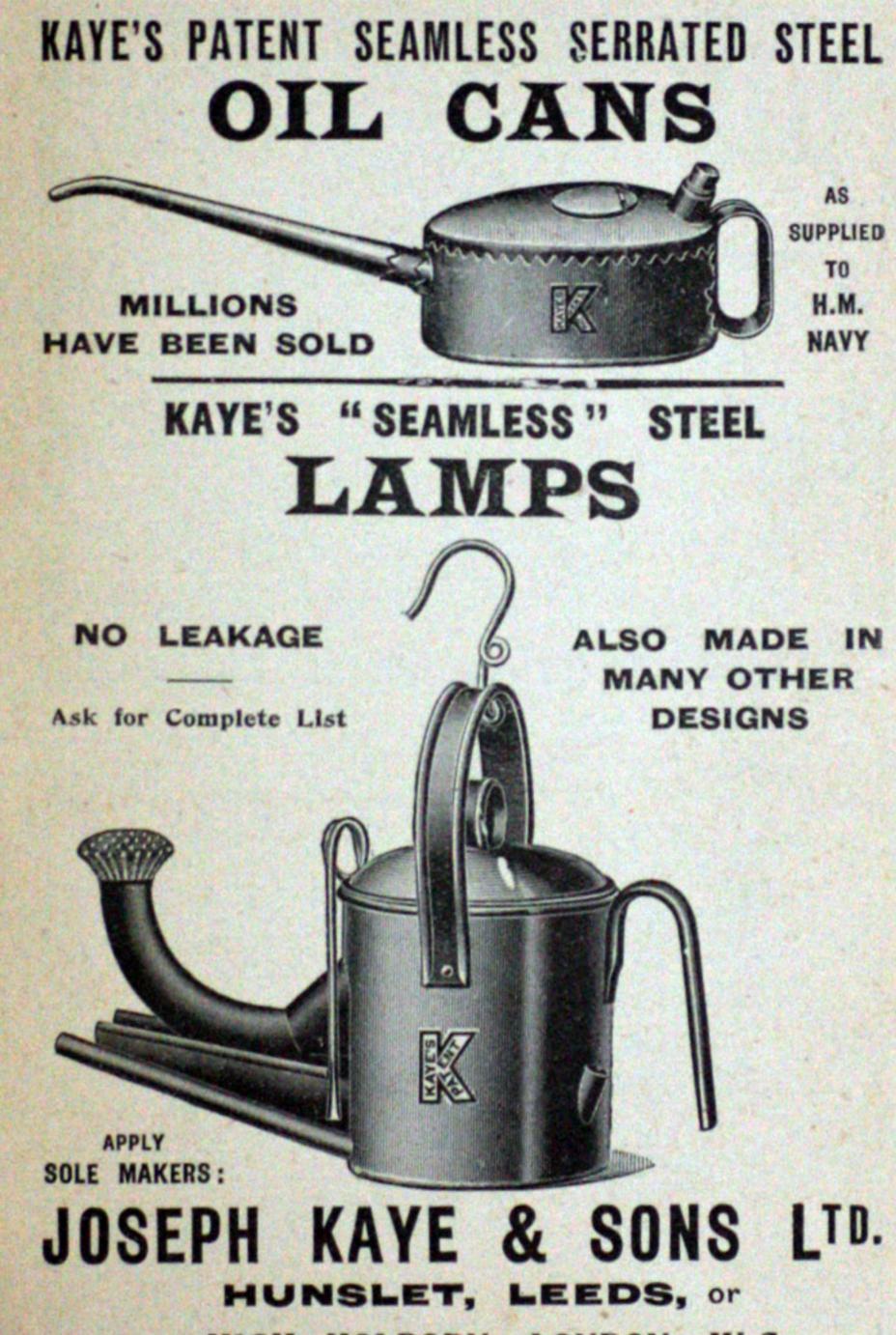
i.e. INSPECTION with INSURANCE is the business of this Company

DEPARTMENTS

Dynamos, Boilers, Gas Plants Motors, Engines, Lifts, &c.

The Company also undertake the ANALYSIS OF BOILER FEED WATER, COAL, ETC.

Correspondence Invited



93 HIGH HOLBORN, LONDON, W.C.

ESTABLISHED 1845

Manufacturers of all kinds of .

BLACK AND BRIGHT BOLTS, STUDS, NUTS ETC.

BRIGHT WORK A SPECIALITY

500 TONS BOLTS, NUTS, &c., IN STOCK

S. MARSDEN & SON LTD. London Road, MANCHESTER

Telegrams-"BOLTS, MANCHESTER."

Telephone-No. 2031 Central, Two Lines.

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Sole TRIER BROS. CAXTON HOUSE, WESTMINSTER, S.W. Makers TRIER BROS. Works: CAMBERWELL, S.E., LONDON

LANCASHIRE BOILERS

SIZES :

24' × 6' 6" | 28' × 7' | 28' × 7' 6" | 30' × 8' | 30' × 8' 6" | 30' × 9

APPROXIMATE EVAP. LBS. PER HOUR, EASY STEAMING 3750 | 4800 | 5760 | 6630 | 7560 | 7920

We have built over 4000 Lanc. Boilers ranging in Pressures from 80 lbs. to 200 lbs.

YORKSHIRE BOILERS

SIZES :

17' × 6' 6" | 24' × 7' 6" | 24' × 8' | 24' × 8' 6" | 24' × 9' | 24' × 9' 4"

APPROXIMATE EVAP. IN LBS. PER HOUR EASY STEAMING 3750 | 6624 | 7997 | 8730 | 9459 | 11,000

Extract from Official Report of 8 hours' Test of 4 Yorks. Boilers size 24' × 9' 4"

"Equivalent evaporation per boiler per hour 'from and at' 212 deg. F. ... 15,244 lbs. Overall efficiency 78 per cent."

YOU know Coal is dear, but do you know a Yorkshire Boiler 24 ft. long will Evaporate as much water for 9 cwt. of fuel as a Lancashire Boiler will 10 for 10 cwt.?

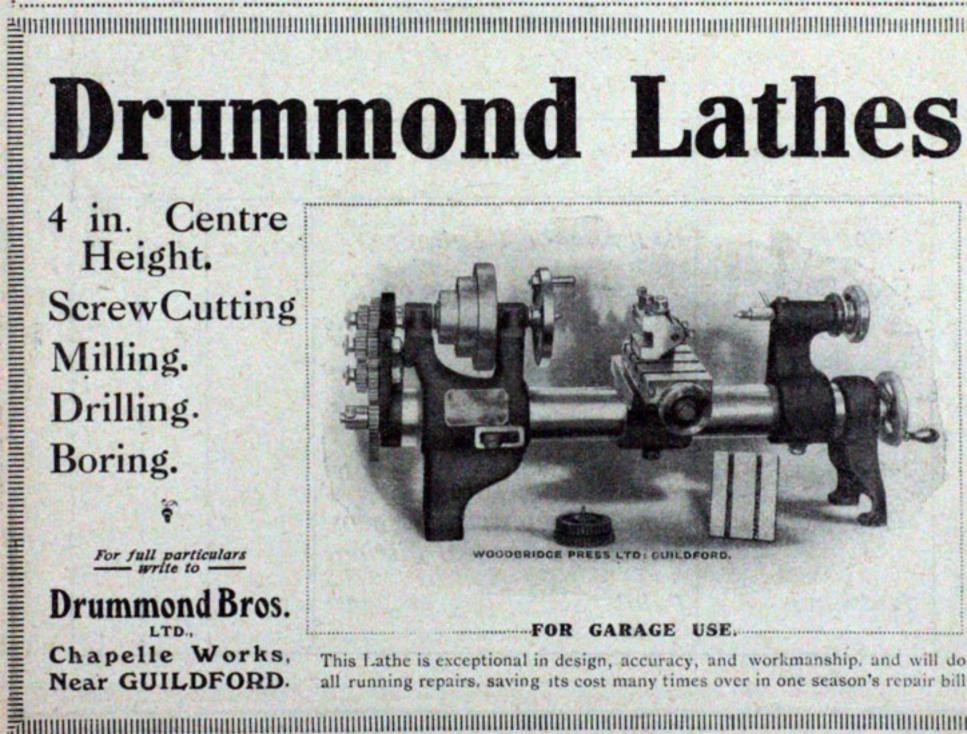
CORNISH BOILERS

Sizes of Boilers . . $\begin{vmatrix} 15' \times 4' & 6'' \\ 1250 \end{vmatrix} \begin{vmatrix} 18' \times 5' \\ 1750 \end{vmatrix} \begin{vmatrix} 19' \times 5' & 6'' \\ 2310 \end{vmatrix} \begin{vmatrix} 20' \times 6' \\ 2520 \end{vmatrix} \begin{vmatrix} 24' \times 7' \\ 3172 \end{vmatrix}$

VERTICAL BOILERS

Sizes of Boilers . $\begin{vmatrix} 6' \times 3' 6'' \\ 500 \end{vmatrix} \begin{vmatrix} 7' 6'' \times 3' 6'' \\ 600 \end{vmatrix} \begin{vmatrix} 8' \times 4' \\ 730 \end{vmatrix} \begin{vmatrix} 9' \times 4' 3'' \\ 860 \end{vmatrix} \begin{vmatrix} 10' \times 5' \\ 1050 \end{vmatrix}$

HOLDSWORTH & SONS, LTD. With which is amalgamated the Yorkshire Boiler Co., Ltd. CROFT BOILER WORKS, LEEDS ROAD, Tel. No. 446. Write or call for our New Catalogue.



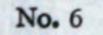


Central Spring and Steel Works, Furnace Hill, Telephone : SHEFFIELD, 3. Telegrams: "Tonks, Sheffield." 24679





Mild Steel SQUARE TAPER

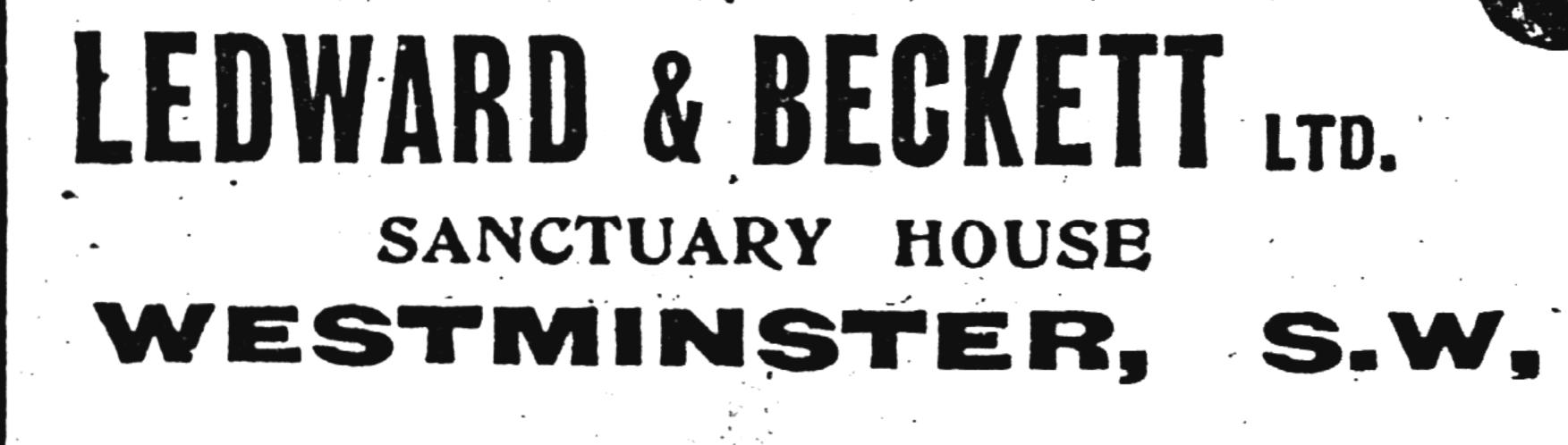


WASHERS

JOHN TONKS & CO., LTD. Central Spring Works, Furnace Hill, Telephone: SHEFFIELD, 3 Telegrams: 24679 Sheffield.



PLEASE REFER O S.E. DEPT,



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THE Oldham Boiler Works Company,

AND

IRON

MANCHESTER EXCHANCE, Tuesdays and Fridays, 1 to 2.30 o'clock, P Pillar.

Attendance

ESTABLISHED 1816.

MAKERS OF ALL TYPES OF



ON THE MOST MODERN PRINCIPLE. By Patent Machinery, specially adapted for Drilling, Rivetting, and Flanging.

ALSO SOLE MAKERS FOR LANCASHIRE, YORKSHIRE, AND CHESHIRE, OF

MIRFIN & NIELD'S PATENT COMBUSTION CHAMBERED BOILERS, WITH INCREASED FLUE-HEATING SURFACE.

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(Late JOSEPH PRITCHARD & SONS).

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Works: OLDHAM, ENGLAND.













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THE ENGINEER.

JUNE 25, 1880.

