

# W. B. WHITE & SONS Ltd.,

RED SCAR WORKS,

Established over 50 Years.

**COLNE**, Lancashire, England.

MAKERS OF ALL KINDS OF

## Power Looms & Dobbies and Textile Machinery.

Patent Weft Forks, Springs, Spindles, Temples, &c., &c.

Telephone No. 13 Colne.

Telegraphic Address: "White, Loom Makers, Colne."



We beg to call your attention to the enclosed drawings of our

**Latest Patent Silent Cloth Folding Machine.**

**White's Latest Patent "Dreadnought" Dobby**  
(REGISTERED)

which we claim to be the Best Dobby on the Market. Please see one working.

OUR LOOMS are of the BEST and MOST MODERN construction, with all the Latest Improvements. Workmanship, Quality, and Finish cannot be surpassed. You can see thousands working  
\_\_\_\_\_ on application. \_\_\_\_\_

IT WILL PAY YOU TO CAREFULLY EXAMINE THIS BOOKLET.

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# W. B. WHITE & SONS LTD.,

MAKERS OF ALL KINDS OF

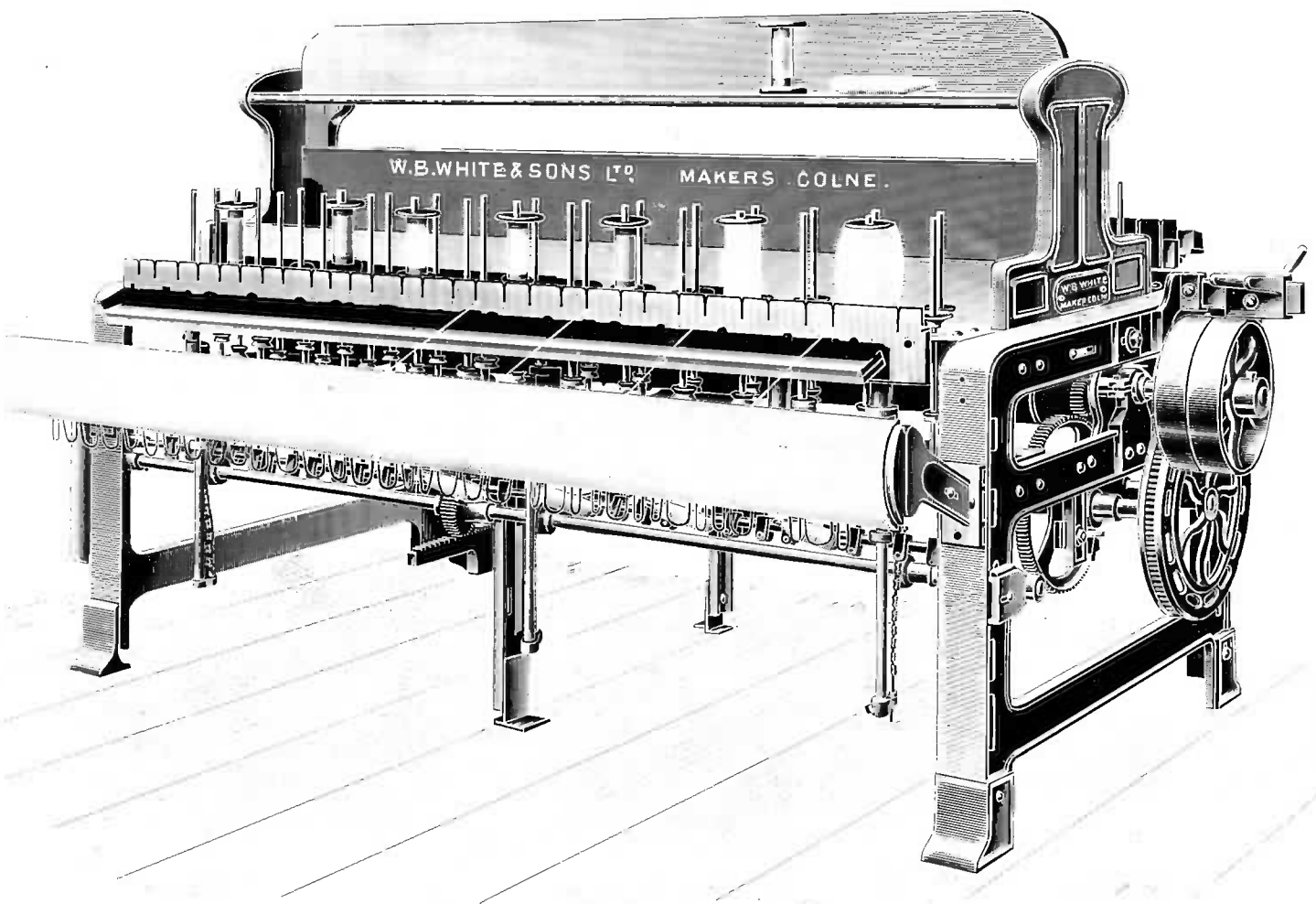
*Cop, Drum, and Pirn Winding Frames*

**COLNE.**

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## COP-WINDING FRAME.

To wind from Cops on to Warpers' Bobbins, 4½ to 5-in. lift, or to wind from Ring Bobbins or Hanks on to Warpers' Bobbins.



We make this Frame with Steel Winders' Guides, and Brushes and Narrow Knee Boards, or with Hacking's Patent Snarl Catchers and Broad Knee Boards; the Spindle Necks work in Brass Collars, the Spindle Feet work in Adjustable Bearings, with an extra Bottom Rail, fit up with Set Screws and Check Nuts. If the Spindles wear down, they can easily be adjusted. This Frame is also fit up with a good Barrelling arrangement, complete with Mangle Wheel or Heart Motion, and Cop Skewer Holders.

# W. B. WHITE & SONS LTD.,

*Makers of Looms & Pirn Winding Frames,*

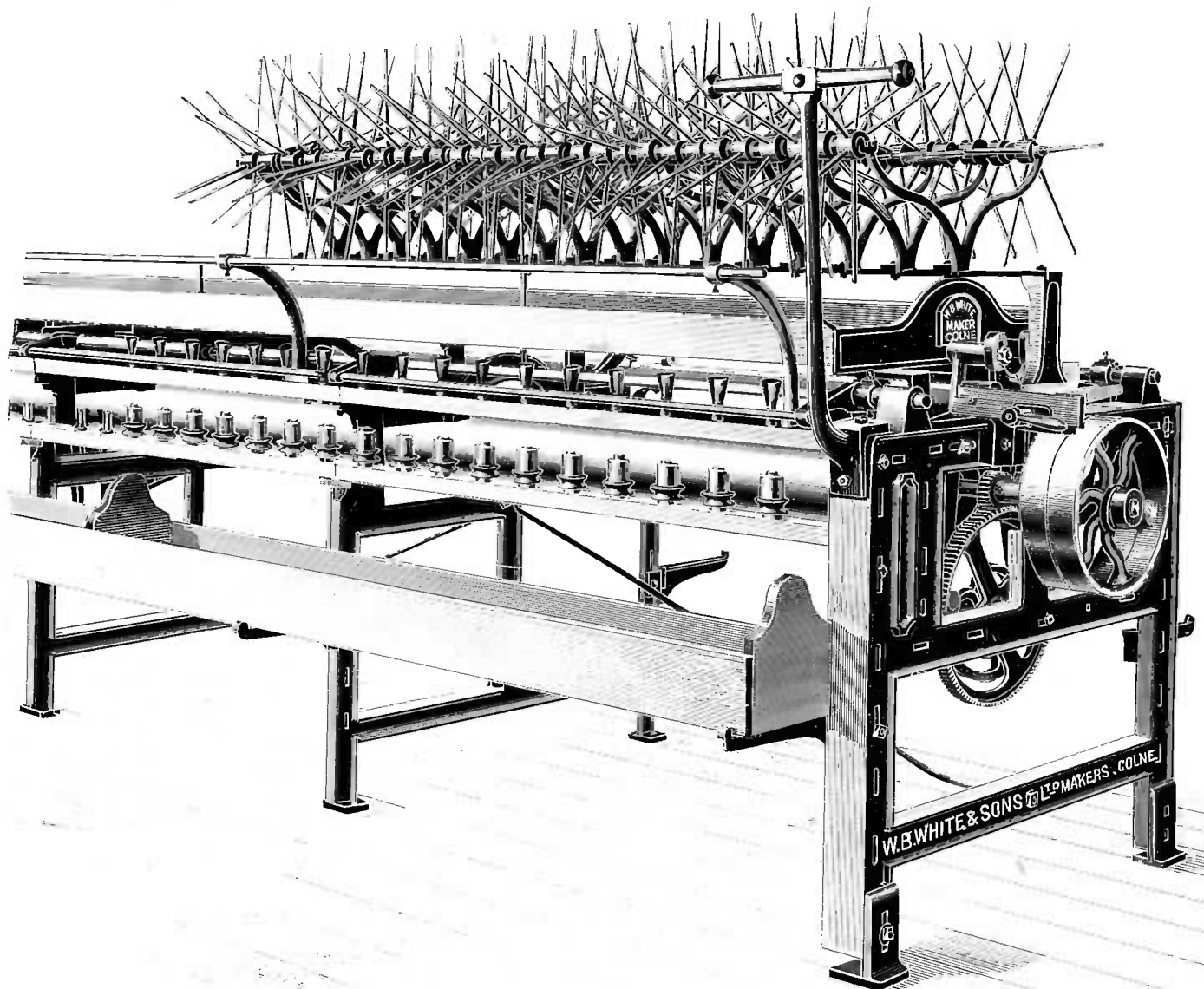
## COLNE, Lancashire, England.

Telephone 13-

Telegraphic Address :—" WHITE, Loom Makers, COLNE."

### PIRN WINDING MACHINE.

To wind from Hanks or Cops or from Bobbins or Cheeses on to Pirn Bobbins or Paper Tubes.



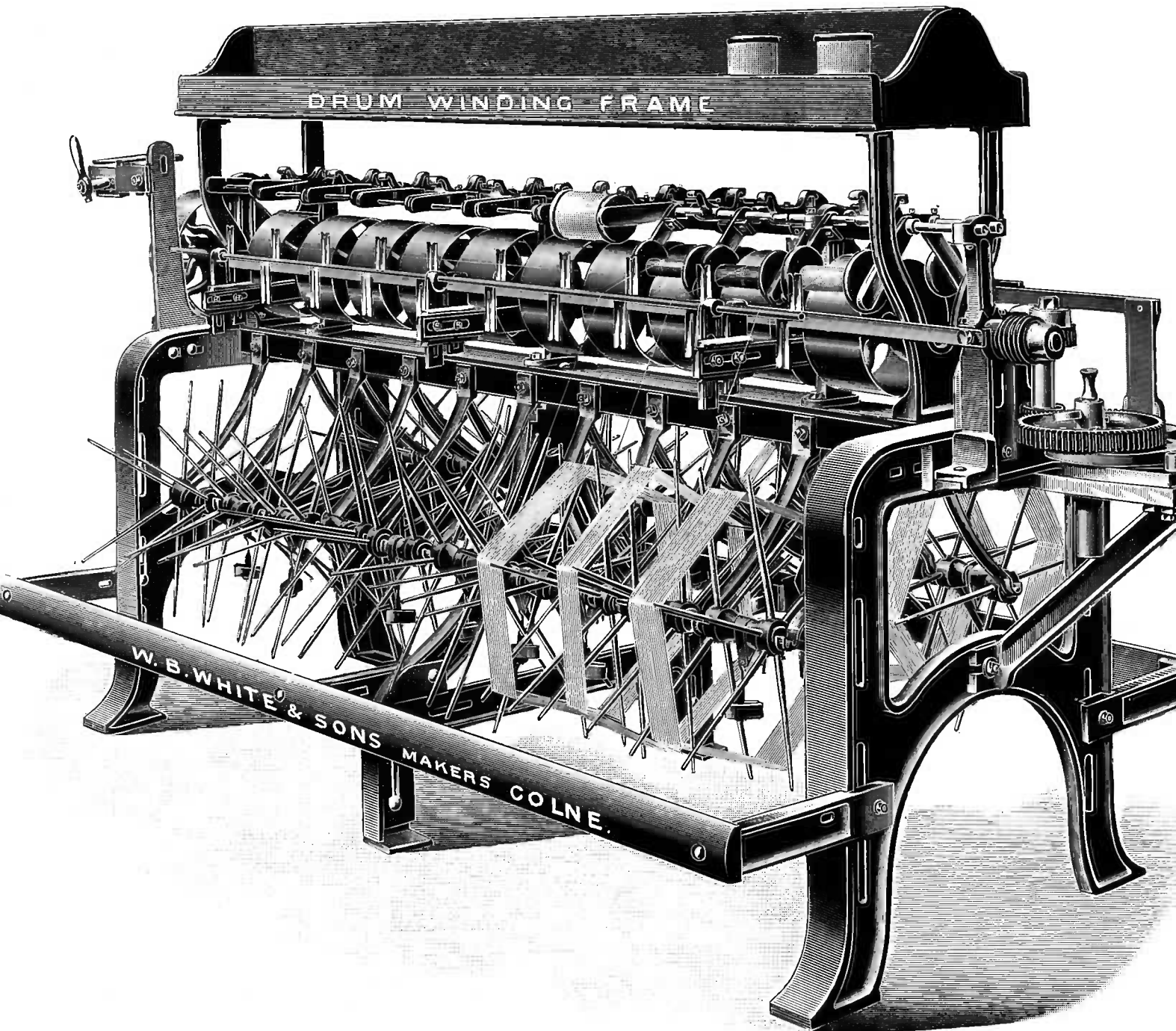
This Frame is fit up with Heart Traverse Motion. The Wharles are fit up with Malleable Bits and Adjustable Springs; the Spindles work on the Steel Springs; the Frame is strong and rigid, and builds a Grand Cop or Pirn.

# W. B. WHITE & SONS Ltd.

TEXTILE MACHINISTS, COLNE.

## SINGLE DRUM WINDING MACHINE.

To wind from Hanks, Cops, or Cheeses on to Warpers' Bobbins with Two Bobbins on one Drum.



The Drums are arranged on a shaft in the centre of the framing and two Bobbins are turned by each drum, one on each side. This machine is fit up with Latch and Catch Motion, for holding up the Bobbins when a broken end is being pieced; the Yarn is guided by Steel Winders' Guides, traversing horizontally by Heart Traversing Motion.