APT INTERNATIONAL

Technical datasheet

O.09 8594

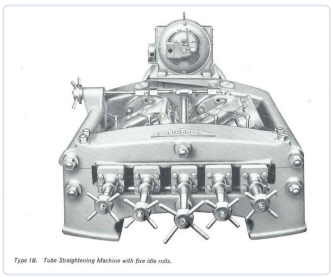
25/11/2026

DECOILER & CUT TO LENGTH LINE

Bigwood Tube/Bar straightening dia 76 x 5 mm

Brand: Bigwood Tube/Bar straightening · Type: dia 76 x 5 mm











TECHNICAL SPECIFICATIONS

Specifications on request.

DESCRIPTION

Type: Bigwood 1B - High speed tube and bar straightener With angularly adjustable driving rolls fitted with 3/5 adjustable idle rolls according to requirements Capacity is for the steel! Min/max bar dia: 19 / 50 mm Power for bars: 25 HP Min/max tube dia: 19 - 76 mm max thickness: 5 mm Power for tubes: 15 HP

TECHNICAL SPECIFICATION OF MACHINE
FOR STRAIGHTENING TUBES AND BARS
HANNING, EXCLUSIVE BIGWOOD LICENSE.

TYPE — B

This type constitutes a range of machines with angularity adjustable driven rolls and equipped with adjustable idler rolls; numbering 3 or 5 depending on the particular case, the 5-roll machines being particularly recommended for straightening thin-walled tubes.

CONTACT

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APPLICATION

These machines are used for the high-speed straightening of tubes of all grades, as well as for straightening drawn bars, whether made of steel or non-ferrous metals.

CONSTRUCTION — Mainframe —

The main frame, consisting of 4 parts, is made of cast iron or steel with transverse tie rods; the rear upright incorporates the completely enclosed transmission gearbox, while the supports of the angularly adjustable driven rolls are mounted on the front of this rear upright.

Drive

It is transmitted to the motor by a set of V-belts, the final drive to the rolls being provided by machine-cut double-helical gears, and the final gear is mounted directly on the roll shaft.

The reduction gears can be arranged to suit any normal speed, both for the drive motor and for the material passing speed.

Suitable oil seals are provided wherever necessary, and the rear casing can be easily removed for inspection and maintenance.

Driven rolls

These are made either of chilled cast iron or of special steel, depending on the type of material to be straightened.

Idler rolls

Numbering 3 or 5, they are arranged in the front upright, with horizontal adjustment in both directions and angular adjustment provided in each individual idler-roll support.

PRICE

Price on request

Request a quote

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