



Babcock Wire

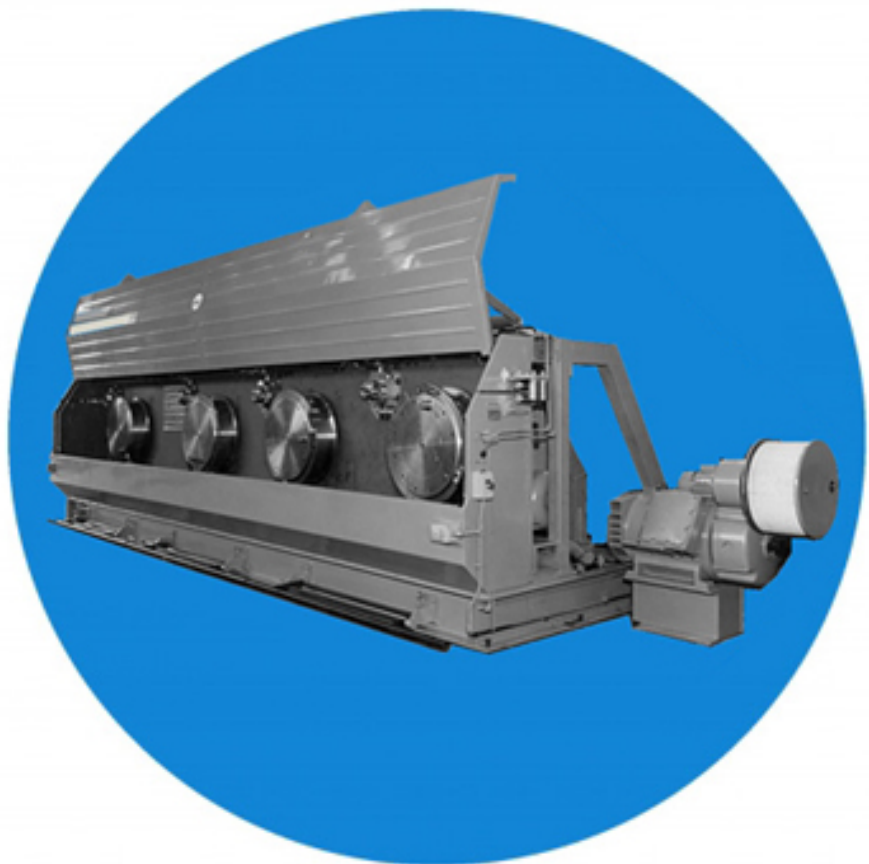
660T Trolley Rod Breakdown Machine

This machine is normally available with 4 die positions, with 2 or 6 die positions as an option. The machine is designed for heavy duty rod breakdown of round, trolley rod or other sections.

The pullblocks are supported by gearboxes, which are mounted on a rigid baseframe. The pullblocks are water cooled and are provided with pull-in wire clamps for threading up. The dies are lubricated from a central system.

For particular applications the first die position can be doubled, giving two drafts on the entry rod before the first pullblock. Provision can also be made for a shaving attachment for the removal of surface impurities from the rod.

The draftings for round or trolley rod sections can be altered by varying the drive pulley ratios between gearboxes.





660T Trolley Rod Breakdown Machine

The pullblocks are each mounted on a reduction gearbox and the gearboxes are all supported on a single rigid baseframe. The drive between each gearbox is by prop shaft and timing belts. The timing belt pulleys can be varied to give different draftings.

The main motor and gearbox are mounted separately.

The main machine is enclosed with a steel guard and the access to the pullblocks is by a pneumatically operated front guard.

General specification	
Number of dies	2, 4 or 6
Drafting – Round Section	28.6% - 27.8% - 29.1%
Drafting – Trolley Section	27.4% - 18.8% - 17.5%
Maximum Entry – Round Section	22 mm diameter cast copper rod
Maximum Entry – Trolley Section	14.2 mm diameter cast copper rod
Finish Diameter	8.0 mm round
Pullblock Diameter	660mm
Maximum Die Case Accommodated	100mm diameter x 60mm thick
Maximum Finishing Speed	2.08 m.p.s.
Maximum Motor	260 kW
Services	
Wire drawing lubricant	0.34 m ³ /minute
Recommended storage capacity	3 m ³
Compressed air to operate front cover	0.02 m ³ per lift
Pullblock cooling water	1.52 m ³ /minute
Floor Space required	13.5m x 6m minimum
Weight	23 tonnes

Disclaimer

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