



Babcock Wire

630T13 Tandem Machine

This machine is a 13 die rod breakdown machine for the reduction of aluminium and aluminium alloys and the spooling of certain alloys under temperature control.

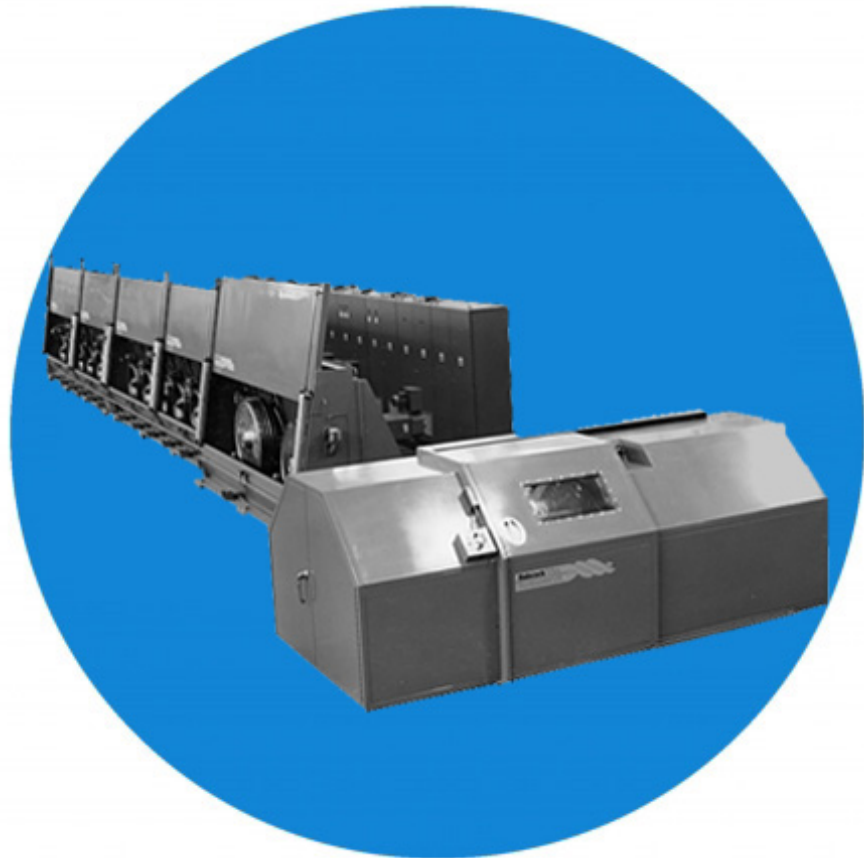
The machine accepts a maximum inlet of 12mm and is intended to produce a range of finishing sizes of 5.17mm maximum in aluminium to 2.0mm minimum.

The first die can be replaced with a roller die, reducing 9.5mm to 8.25mm.

Each draw block on the machine is supplied with a drive motor allowing the selection of different patterns of elongation with minimum practicable slip. The slip patterns can be saved on a menu driven drive system and give draftings between 20% and 40%. The capstan speed can also be selected electronically and is supplied with a six speed gearbox.

Lubricant feed to each die and pullblock is provided by individual pumps.

The pullblocks and capstan are mounted on a robust framework and supplied with interlocked access guards.



630T13 Tandem Machine shown with 2 Tonne Spooler



630T13 Tandem Machine

The pullblocks are supported by gearboxes mounted on a rigid baseframe.

Each pullblock is driven by an AC or DC variable speed motor to give drafting between 20 and 40%. The capstan is supplied with a six speed gearbox and is also variable speed.

The control system is menu driven with touch screen control.

The machine is enclosed with interlocked steel access guards.

General specification	
Number of dies	13
Drafting	20% to 40%
Maximum Entry Diameter	12mm
Finish Diameter	5.17mm to 2.00mm round
Finish Diameter Lamitref	4.65mm
Pullblock Diameter	630mm
Maximum Die Case Accommodated	100mm diameter x 60mm thick
Maximum Finishing Speed	40 m.p.m.
Maximum Motor	260 kW

Disclaimer

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