



## 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.

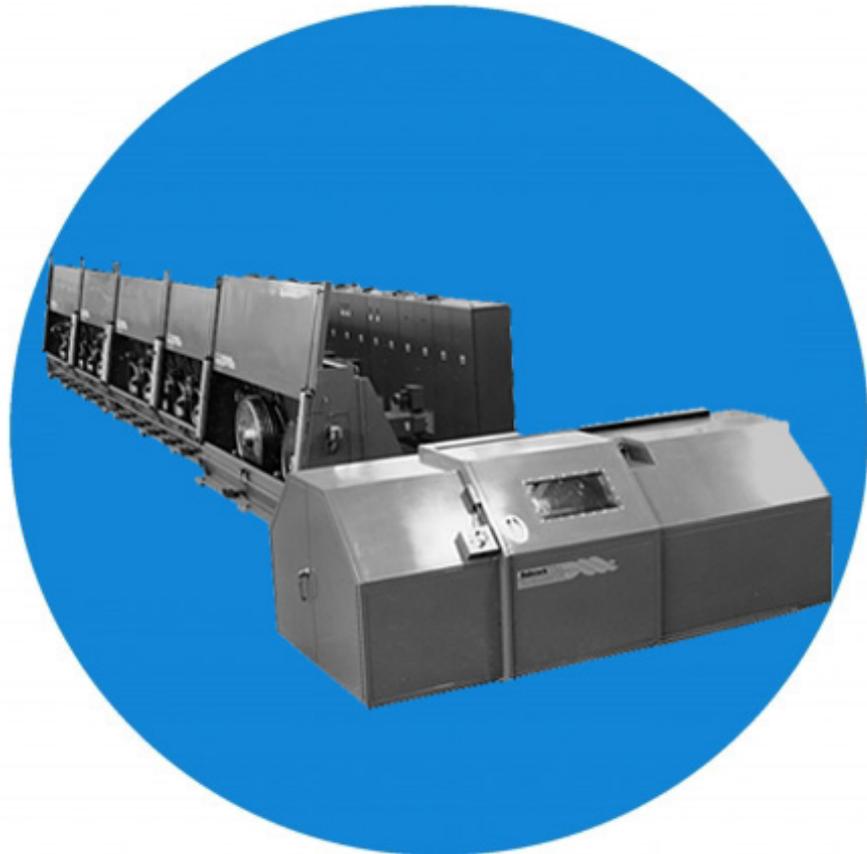
The machine accepts a maximum inlet of 12mm and is intended to produce a range of finishing sizes of 5.17mm maximum in aluminium to 2.0mm minimum.

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.

<b>General specification</b>	
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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