



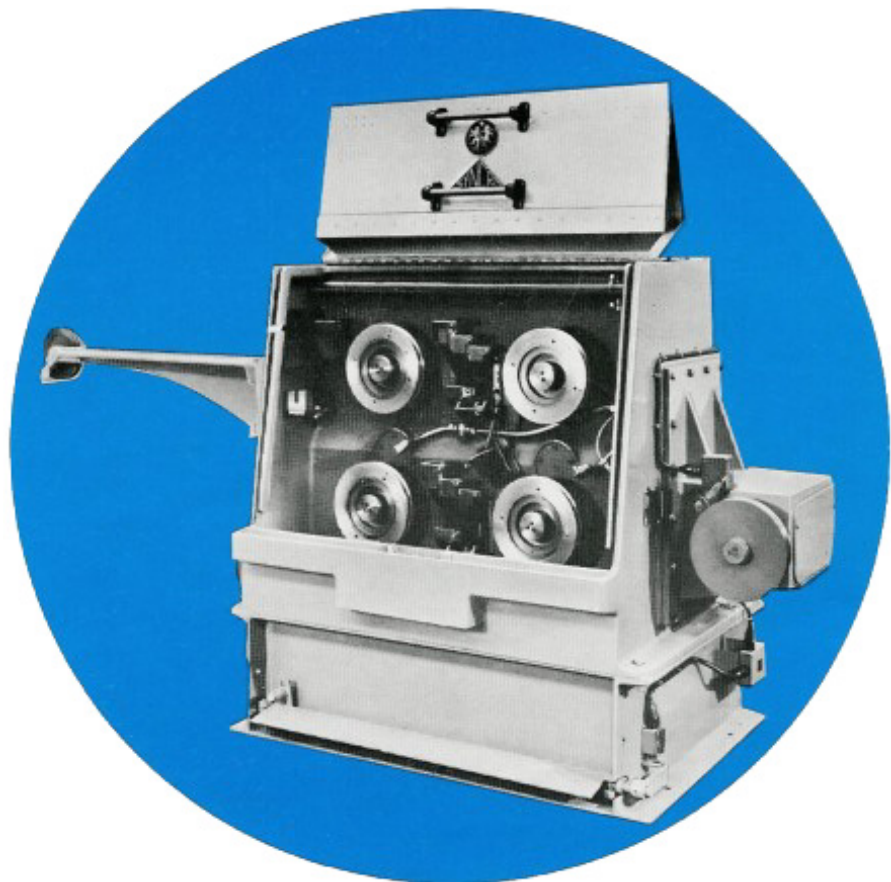
## Winget Syncro

### Type C Intermediate Wire Drawing Machine

for the drawing of non-ferrous metals

The Winget Syncro C Type Machine illustrated below can be supplied with 7, 9, 12 or 13 dies. This bulletin details on the reverse side the duty obtainable from the 13 die model when processing copper and aluminium and should be read in conjunction with Features bulletin No.1B.

The 7 and 9 die models are normally supplied for the drawing of brass and bronze wires. Details of these machines are available on request.





## Specification C13 Machine (capstan type) for the drawing of non-ferrous metals

<b>Winget Syncro</b>	<b>Copper</b>		<b>Aluminium</b>	
Maximum number of dies	13	13	13	13
Elongation per die	26%	26%	26%	26%
Area reduction per die	20.65%	20.65%	20.65%	20.65%
Maximum entry diameter	0.162"	4.12mm	0.162"	4.12mm
Finishing diameter range (from appropriate entry size)	0.016" to 0.064"	0.40mm to 1.63mm	0.016" to 0.064"	0.40mm to 1.63mm
Operating speeds	6,000 fpm	30.5 mps	6,000 fpm	30.5 mps
Maximum power motor	100 hp	100 hp	60 hp	60 hp
Number of draw block shafts	4	4	4	4
Standard finishing wire speeds with 2 speed gearbox and double finishing capstan fitted:				
When using large capstan	6,000 fpm	30.5 mps	6,000 fpm	30.5 mps
	5,000 fpm	25.4 mps	5,000 fpm	25.4 mps
When using small capstan	3,840 fpm	19.5 mps	3,840 fpm	19.5 mps
	3,200 fpm	16.25 mps	3,200 fpm	16.25 mps
Maximum die case accommodated	2" dia x 1" thick	51mm x 25mm	2" dia x 1" thick	51mm x 25mm
Required solution flow	50 gpm	225 litre /m	40 gpm	180 litre /m
Solution pressure	20 psi	1.4 kg/cm <sup>2</sup>	20 psi	1.4 kg/cm <sup>2</sup>
Quantity of solution required	500 gal	2,250 litres	400 gal	1,800 litres
Floor space required for motor, gearbox, machine and control panel	13 ft x 4 ft 6"	4.0m x 1.4m	13 ft x 4 ft 6"	4.0m x 1.4m
Approximate weight with motor, machine and control panel	9,500 lb	4,200 kg	9,500 lb	4,200 kg

The C Type Machine can be supplied with a vertical coiling block in place of the double finishing capstan when required. Information on this type of machine will be supplied upon request.

Take-ups and annealers for continuous and co-ordinated operation are available for use with the C Type Machine, details of which will be supplied upon request.

The C13 Machine, when used, in conjunction with certain Winget Syncro Take-ups, is capable of finishing sizes down to .012" (0.305 mm). This facility permits the machine to be used in conjunction with an annealer, plastic extruder and continuous take-up, to form a tandem telephone line capable of producing all the standard sizes of single core communication cables. Details of these lines are available on request.

### Disclaimer

Whilst we have endeavoured to ensure that the information contained herein is accurate, Winget Syncro and Beaumont Machinery do not accept responsibility for any errors or omissions. This specification is subject to amendment.