



## Winget Syncro

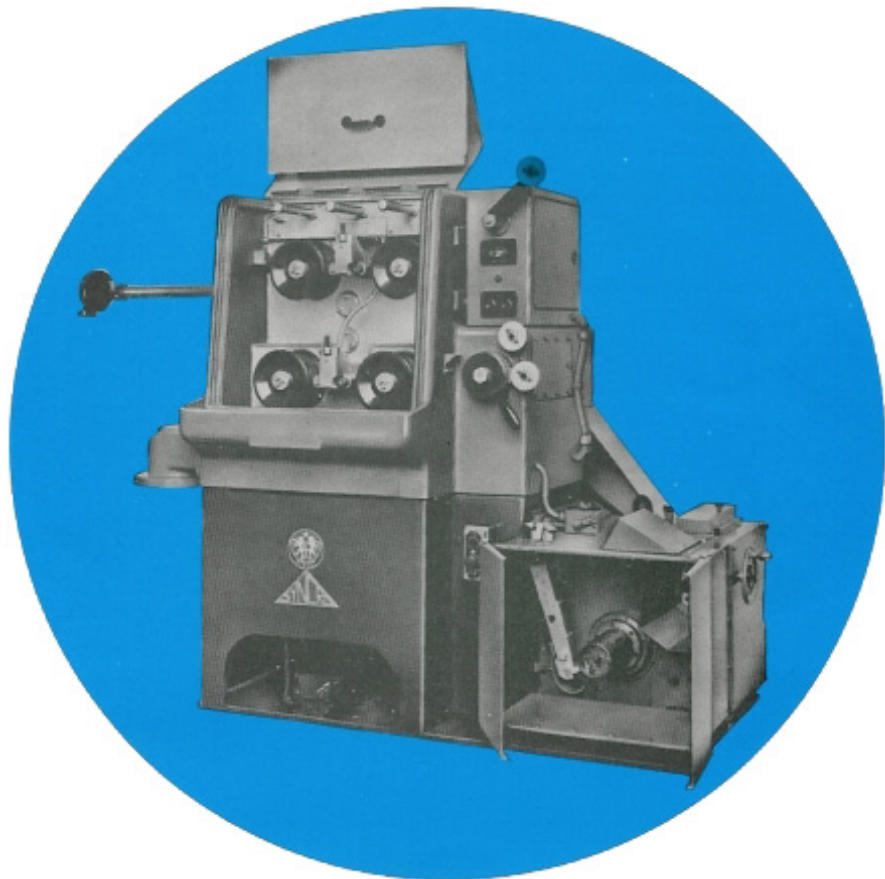
### Type B and BG Fine Wire Drawing Machines

for the drawing of non-ferrous metals

The Winget Syncro B Type Machine illustrated below can be supplied in various forms to provide from 8 to 19 dies dependent on customer requirements and the material to be drawn.

This Bulletin on the reverse side details the duty obtainable from the 16 die and 19 die machines when processing copper, and should be read in conjunction with features bulletin No. 2C.

The capabilities of other versions of this machine for processing aluminium, brass, bronze, zinc etc. are available on request.





## Specification B16, BG16 and BG19 Type Machines for the drawing of non-ferrous metals

Winget Syncro	Machine Type					
	B16		BG16		BG19	
Copper						
Maximum number of dies	16	16	16	16	19	19
Elongation per die	26%	26%	26%	26%	26%	26%
Area reduction per die	20.65%	20.65%	20.65%	20.65%	20.65%	20.65%
Maximum entry diameter	0.064"	1.63mm	0.072"	1.83mm	0.072"	1.83mm
Finishing diameter range (from appropriate entry size)	0.006" to 0.0159"	0.15mm to 0.4mm	0.006" to 0.028"	0.15mm to 0.71mm	0.006" to 0.020"	0.15mm to 0.51mm
Operating speeds	6,000 fpm & 5,000 fpm	30.5 mps & 25.4 mps	6,000 fpm 5,000 fpm & 4,000 fpm	30.5 mps 25.4 mps & 20.3 mps	7,500 fpm 6,000 fpm & 5,000 fpm	38.1 mps 30.5 mps & 25.4 mps
Maximum power motor	20 hp	20 hp	25 hp	25 hp	25 hp	25 hp
Number of draw block shafts	4	4	4	4	4	4
Maximum die case accommodated	1" dia x 1/2" thick	25.4mm x 12.7mm	1" dia x 1/2" thick	25.4mm x 12.7mm	1" dia x 1/2" thick	25.4mm x 12.7mm
Required solution flow	25 gpm	115 litre /m	25 gpm	115 litre /m	25 gpm	115 litre /m
Solution pressure	20 psi	1.4 kg/cm <sup>2</sup>	20 psi	1.4 kg/cm <sup>2</sup>	20 psi	1.4 kg/cm <sup>2</sup>
Quantity of solution required	250 gal	1,130 litres	250 gal	1,130 litres	250 gal	1,130 litres
Floor space required	55" x 48"	1.4m x 1.2m	75" x 48"	1.9m x 1.2m	75" x 48"	1.9m x 1.2m
Approximate weight with motor	3,760 lb	1,700 kg	4,400 lb	1,950 kg	4,450 lb	1,990 kg

Take-ups and annealers for continuous and co-ordinated operation are available for use with 'B' and 'BG' Type machines, details of which will be supplied upon 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.