Winget Syncro

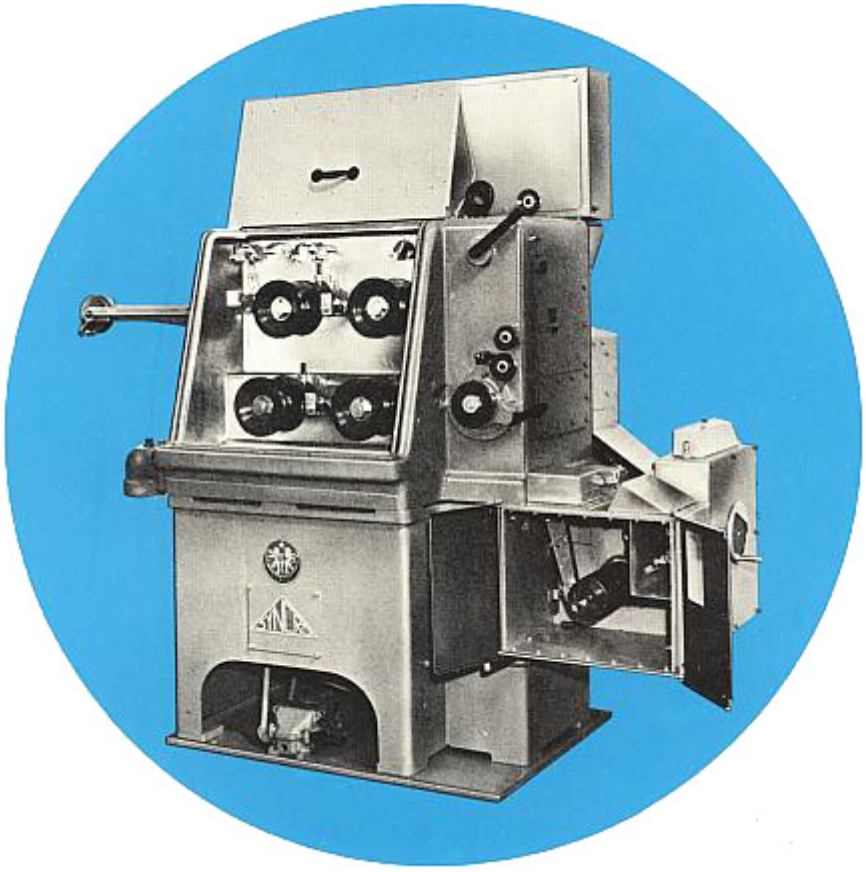
Type A and AG Fine Wire Drawing Machines

for the drawing of non-ferrous metals

The Winget Syncro A Type Machine illustrated below can be supplied in various forms to provide from 8 to 17 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 machines when processing copper, and should be read in conjunction with features bulletin No. 2B.

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



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Specification A16 and AG16 Type Machines

for the drawing of non-ferrous metals

Winget Syncro	Machine Type			
	A16		AG16	
Maximum number of dies	16	16	16	16
Elongation per die	26%	26%	26%	26%
Area reduction per die	20.65%	20.65%	20.65%	20.65%
Maximum entry diameter	0.051"	1.3mm	0.064"	1.63mm
Finishing diameter range (from appropriate entry size)	0.003" to 0.010"	0.07mm to 0.25mm	0.003" to 0.012"	0.07mm to 0.31mm
Operating speeds	5,000 fpm	25.4 mps	7,000 fpm and 5,000 fpm	35.5 mps and 25.4 mps
Maximum power motor	10 hp	10 hp	15 hp	15 hp
Number of draw block shafts	4	4	4	4
Maximum die case accommodated	1" dia x 3/8" thick	25.4mm x 9.5mm	1" dia x 5/8" thick	25.4mm x 15mm
Required solution flow	10 gpm	50 litre /m	15 gpm	70 litre /m
Solution pressure	20 psi	1.4 kg/cm^2	20 psi	1.4 kg/cm^2
Quantity of solution required	100 gal	450 litres	150 gal	700 litres
Floor space required	5 ft x 3 ft	1.5m x 0.91m	5 ft x 3 ft	1.5m x 0.91m
Approximate weight with motor	2,700 lb	1,200 kg	2,900 lb	1,300 kg

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

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