



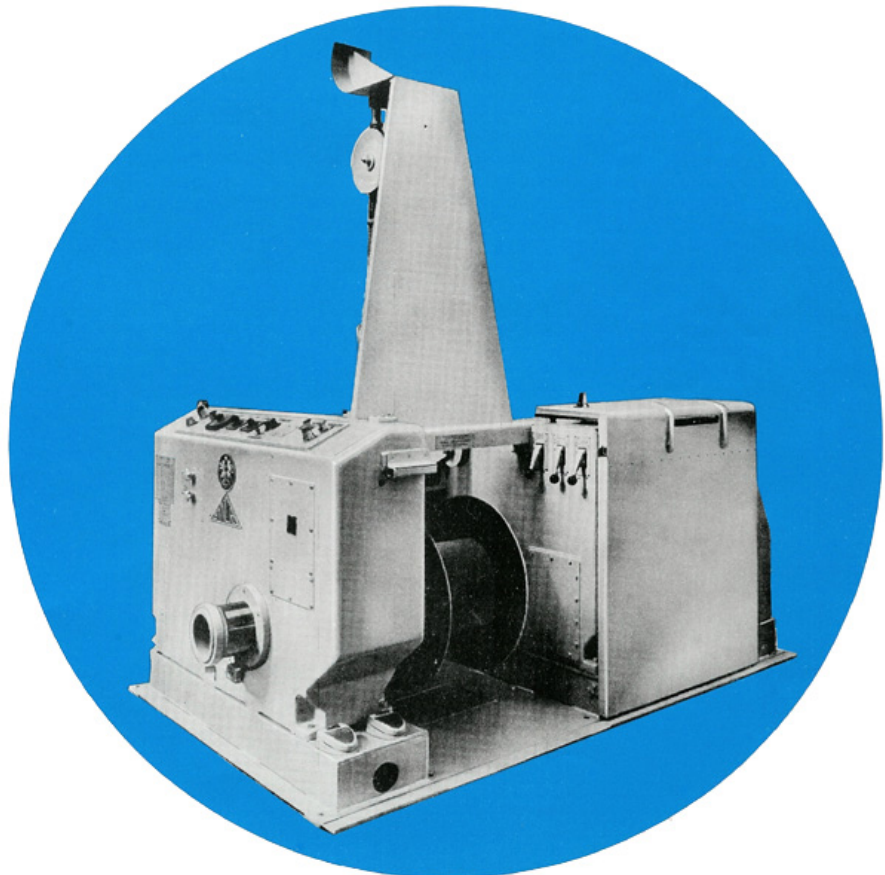
Winget Syncro

Type DFHU and BE-500 Spoolers

suitable for the take-up of non-ferrous wires

These are independently mounted and driven, non-ferrous wire spoolers suitable for use with Winget Syncro, and most other types of rod breakdown and intermediate wire drawing machines.

Control is maintained to very close limits with a wide speed range.





Specification Type DFHU and BE-500 Spoolers

Spooler Type	BE-500		DFHU	
	Maximum Spool Capacity	500 lb	226 kg	1,000 lb
Maximum Flange Diameter	22"	560mm	31"	787mm
Maximum Traverse	14"	355mm	14"	355mm
Maximum Overall Width	16"	406mm	16"	406mm
Minimum Bore Diameter	3/4"	19mm	3/4"	19mm
Maximum Arbor Speed	3,200 rpm	3,200 rpm	3,200 rpm	3,200 rpm
Maximum Spooling Speed	7,500 fpm	38.1 mps	7,500 fpm	38.1 mps
Take-up Wire Range Copper	0.006" to 0.064"	0.15mm to 1.63mm	0.0159" to 0.204"	0.40mm to 5.18mm
Take-up Wire Range Aluminium	0.006" to 0.064"	0.15mm to 1.63mm	0.0159" to 0.211"	0.40mm to 5.36mm
Motor Power	7.5 hp or 10 hp according to duty		15 hp or 25 hp according to duty	
Power Required	8 KVA or 10 KVA according to duty		15 KVA or 25 KVA according to duty	
Approximate Weight	4,500 lb	2,030 kg	5,500 lb or 6,000 lb	2,450 kg or 2,680 kg
Floor Space Required	60" x 50"	1.52m x 1.25m	84" x 72"	2.1m x 1.85m
Compressed Air Required	1 cu ft (28 litres) per spool change at 40 psi (2.8 kg/cm ²) minimum			

Spools outside the limiting dimensions must be submitted for approval.

Features

Drive This spooler takes its drive from a three phase, squirrel cage induction motor through a magnetic coupling. Synchronisation with the wire drawing machine is maintained by the use of a solid state control, thus ensuring that winding tension is kept within very close limits during the filling of the spool.

Distributor The distributor is hydraulically operated and powered by a small fixed capacity pump driven by a constant speed AC motor.

A manually adjusted hand wheel controls the lay. The stroke of the distributor can be regulated to the spool width whilst the spooler is in operation, adjustment being assisted by the illuminated spooling compartment.

Spool unloading To aid loading and unloading of the spools an air operated platform and spool ejector is built into the spooling compartment.

Spool location The outboard bearing is pneumatically operated and fitted with a mechanical locking device.

Additional safety features include an air pressure switch which ensures that air pressure failure stops the spooler, also should the ram move back a contact switch will immediately bring the spooler to rest.

Full package This is controlled by a timer incorporated in the control circuit.

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.