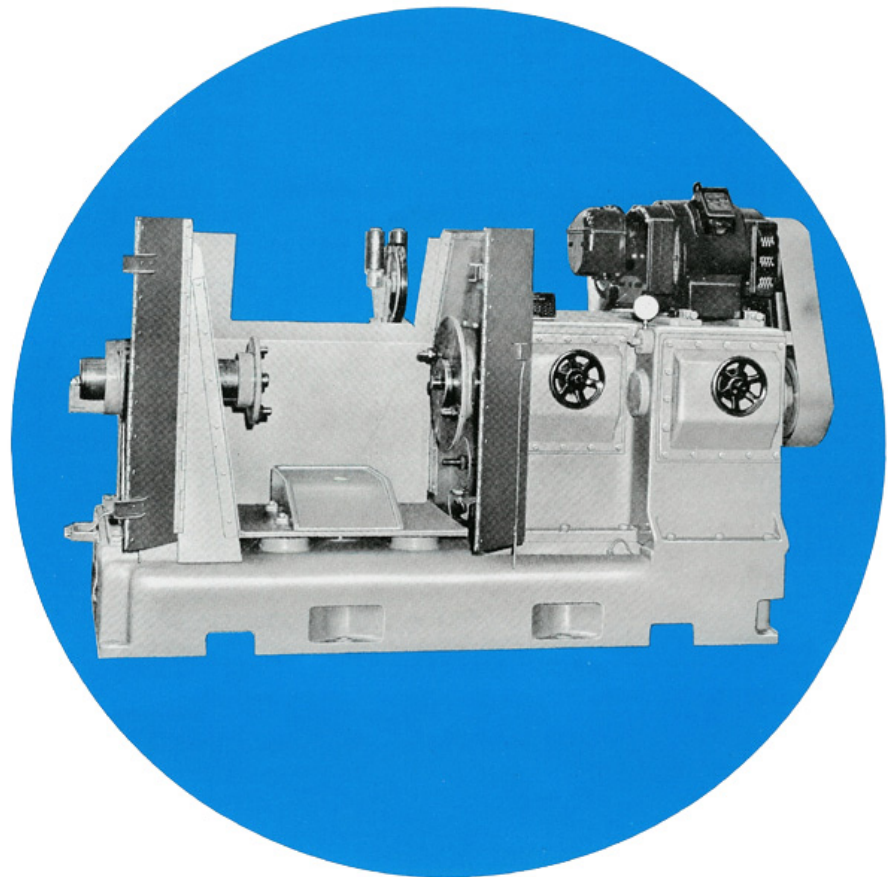




Winget Syncro One and Two Ton Spoolers

These are large capacity spoolers for use with single or multi-die Rod Breakdown Machines.





Specification One and Two Ton Spoolers

Spooler Type	1 ton		2 ton	
	Take-up Wire Range Copper	0.040" to 0.162"	1.01mm to 4.11mm	0.128" to 0.48"
Take-up Wire Range Aluminium	0.064" to 0.211"	1.62mm to 5.36mm	0.128" to 0.5"	3.25mm to 12.7mm
Maximum Spool Capacity	2,240 lb	1,000 kg	4,480 lb	2,000 kg
Maximum Spooling Speed	4,000 fpm	20.3 mps	600 fpm	3.05 mps
Maximum Arbor Speed	1,500 rpm	1,500 rpm	400 rpm	400 rpm
Maximum Flange Diameter	36"	915mm	36"	915mm
Maximum Traverse	24"	610mm	24"	610mm
Maximum Overall Width	27"	685mm	27"	685mm
Minimum Bore Diameter	1¼"	30mm	1¼"	30mm
Motor Power	15 hp	15 hp	15 hp	15 hp
Power Required	15 KVA	15 KVA	15 KVA	15 KVA
Floor Space Required	70" x 104"	1.78m x 2.7m	70" x 104"	1.78m x 2.7m
Approximate Weight	9,250 lb	4,130 kg	9,250 lb	4,130 kg
Compressed Air Required	3 cu ft (84 litres) per spool change at 40 psi (2.8 kg/cm ²)			

Features

Drive A wide range of spooling speeds are obtained by using a motor driven eddy current coupling and a six speed gearbox.

Spools The design allows a wide range of spool to be accommodated between centres using an outboard bearing.

Distribution (lay) The distributor is hydraulically operated and maintains constant wire pitch (lay) throughout the filling of the spool. To suit the diameter of wire being spooled the pitch may be adjusted between 1/8" (3mm) and 7/8" (22mm).

Full Package By timer incorporated in the control circuit, or alternatively by 'length' counter, controlled by the wire drawing machine.

Pneumatics

(a) *The ram* for the outboard bearing type outer centre is pneumatically controlled and fitted with a mechanical lock incorporating a safety device whereby should the air fail and the ram move back the spooler is automatically brought to a stop.

(b) *The ejector* is provided to assist the operator in removing the full spool and ejects the spool onto the unloading platform provided, and clear of the centres of the outboard bearing.

(c) *The unloading platform* fitted to the outboard bearing is inbuilt and pneumatically operated, assisting in both the loading and unloading of the spool.

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.