



www.coilwindingmachines.eu

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Unit 5L, Delta Drive, Tewkesbury, Glos. GL20 8HB. United Kingdom.

Erasan Servo driven spool tensioning system

The Erasan range of heavy duty coil winders often require a tensioning device mounted behind the machine. For wire sizes greater than 1.0mm the best method is to apply a braking force to the supply spool itself and not the wire.

To meet the growing customer demand, working to improve control of the higher wire tensions required for larger wires and profile.

A new generation in profile wire tensioning and de-coiling.

Working similar to a foil machine in “**torque following**” mode, the torque to the winding axis is monitored and the reverse torque to driven de-coiler is controlled according to the required tension.

The operator can program a digital tension value that is measured and kept constant during the winding cycle.

Shown below: a previously commissioned device.



The range is available in standalone fixed units similar to the DP series of 1,2,4 up to 32 spool varieties.

GB - (Guider Base) options

However as shown above, there is the option to mount the whole de-coiler onto a ballscrew carriageway.

Reducing factory space requirements, the servo-driven de-coiler monitors the exact position of the guider on the machine, so the spool moves the same distance and with the same speed as the machine guider.

We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

~ Coil winding solutions you can rely on ~



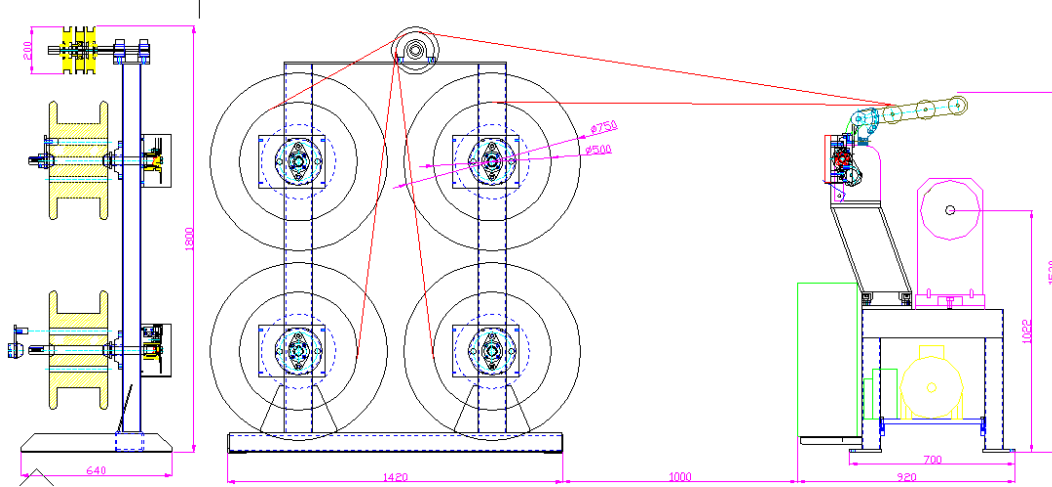
Working with local partners in the following countries;

Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.

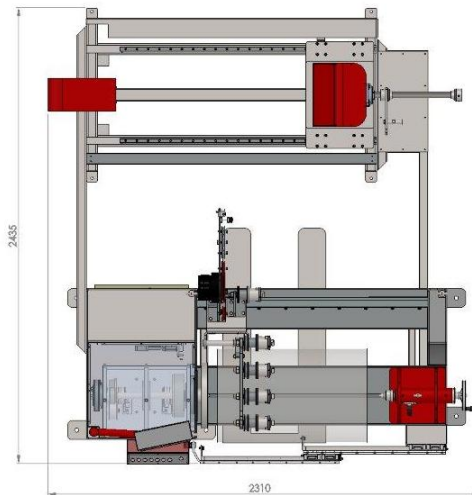


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Example layout drawing of 4 spool version - fixed.



Example layout drawing of 1 spool version - Guider Base (reduced footprint).



TECHNICAL CHARACTERISTICS.

Number of spools	1, 2, 4, 32 versions available
Wire \varnothing	0.01 – 99 mm
Spool Diameter	up to 500/750 mm
Standard spool shaft \varnothing	36 mm (others configurations on request)
Tension control method	Servo motor "torque control"
Max torque (for DP1-SD model)	87 Nm (others configurations on request)
Power supply (for DP1-SD model).....	2 Kw (others configurations on request)
Max weight per coil	250 Kg
Delivery time	60 Days from order confirmation

Please speak with your local representative for further information or custom requirements.

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