

# Coil Spreader



# Coil Forming Equipment

**The Rotary range of coil forming equipment offers everything your coil shop needs to produce consistent coils every time.**

Our range of coil spreaders has evolved from our standard, highly reliable pneumatic machines and now feature the option of radius forming. We have also developed a range of advanced automated production coil forming machines whilst maintaining simplicity in design and operation. Design and manufacturing all takes place at our premises in Sheffield, England, using high quality components. We welcome customers to visit us to discuss specifications and meet the team.

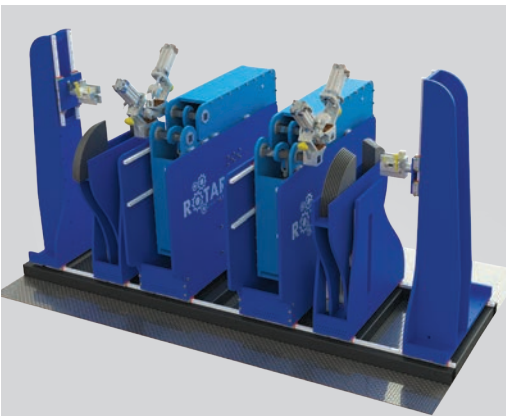


Our pneumatic coil spreaders offer simple reliability whilst leading the way with modern design engineering. Most of our coil spreaders only require connection to a suitable clean, dry air supply and will give many years of trouble free operation. The addition of radius forming gives you everything needed to produce consistent quality formed coils every time. Our standard range can form coils from loops up to 5.3m in length whilst a special model has been developed for forming tough wind turbine coils where the cross section is large in relation to the width of the coil.

The Rotary radius forming system features a cleverly designed holder for the forming pads. This means that new pads can easily be manufactured at site to suit every coil design. Alternatively, the holders themselves can be replaced with the customer's own solution. This gives our customers full control of the radius forming process.

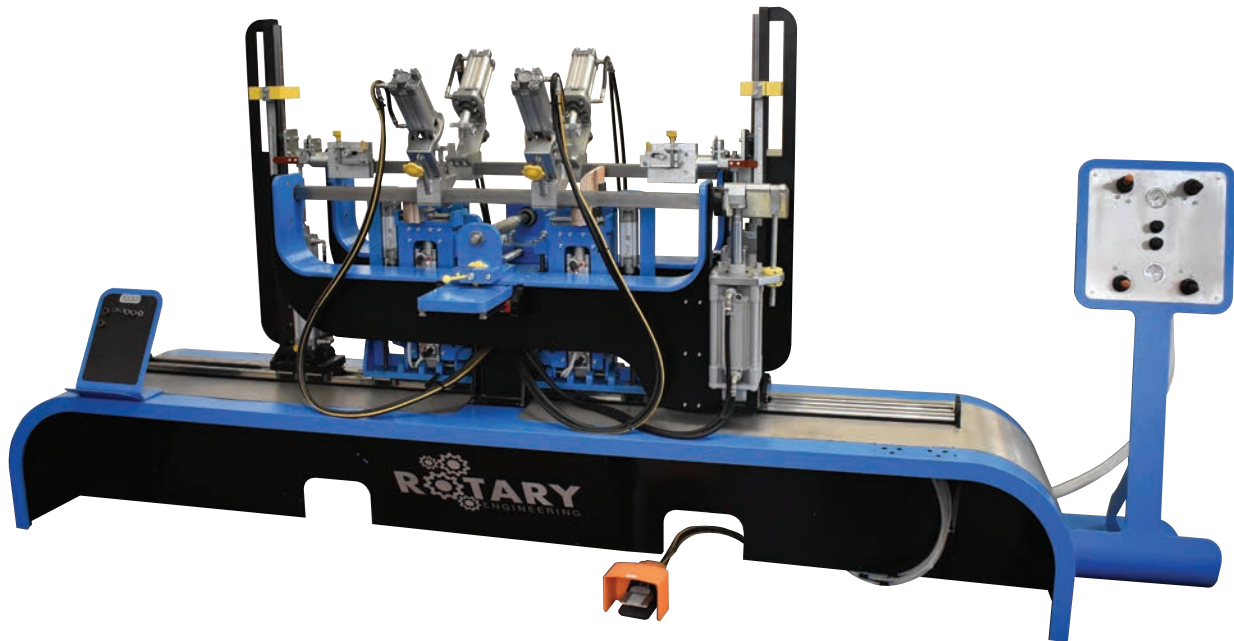


Unique to Rotary is the Coil Jig, developed with the UK's top coil makers, this new piece of equipment enables you to check the geometry of a coil without the need to manufacture a coil former for each design you produce. In addition, the jig is sufficiently robust to allow for final coil shaping in situ if required. The Coil Jig also features location points for customers own coordinate measuring equipment, allowing precise inspection of the finished coil geometry.

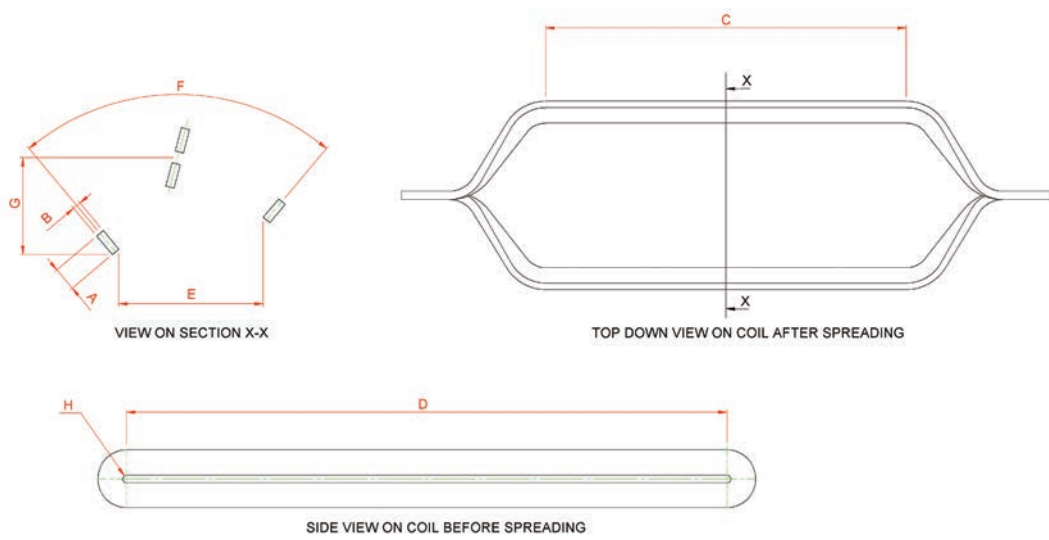


Recent developments include the production Coil Former, specifically designed for higher volume production runs. This coil forming machine is made to order for your specific requirements and has enhanced features for optimum efficiency including:

- Optimised programmable geometry
- No need for mechanical stops
- Data storage and output via USB
- Improved machine accessibility
- Quicker set-up times
- Modular design for future upgrades



PNEUMATIC COIL SPREADERS 1,500 MM TO 2,500 MM							
TECHNICAL PARAMETERS	CS15	CS20A	CS20B	CS25A	CS25B	CS25C	Wind Turbine Coil Former
Coil Height (A)	35 mm	35 mm	35 mm	60 mm	60 mm	60 mm	Contact us to discuss your coil specification
Coil Width (B)	18 mm	18 mm	18 mm	30 mm	30 mm	30 mm	
Slot Length (C)	Min	130 mm	130 mm	135 mm	135 mm	135 mm	
	Max	760 mm	1015 mm	1220 mm	1525 mm	1525 mm	
	Min (with Radius Forming)	N/A	650 mm	650 mm	650 mm	650 mm	
Loop Length (D)	1500 mm	2000 mm	2000 mm	2500 mm	2500 mm	2500 mm	
Maximum Spread (E)	at 0° TWIST	400 mm	400 mm	400 mm	400 mm	790 mm	
	at 90° TWIST	520 mm	520 mm	520 mm	520 mm	910 mm	
	at 170° TWIST	636 mm	636 mm	636 mm	650 mm	1040 mm	
Inclusive Twist Angle (F)	170°	170°	170°	170°	170°	170°	
Lift (G)	250 mm	250 mm	250 mm	250 mm	250 mm	340 mm	
Pin Diameter (H)	12 mm	12 mm	12 mm	12 mm	12 mm	12 mm	
Air Pressure	6 - 7 BAR (90 - 100 PSI)						
Air Supply Connection	¼" BSP						





Rotary Engineering works in partnership with clients worldwide, manufacturing a range of equipment and offering everything from a one off piece of equipment to an entire workshop.

Our experienced team are happy to provide specialist advice, respond to tenders and support our contacts around the world.

Rotary's origins can be traced back to 1896 when W.E Burnand first made industrial equipment from our workshop here in Sheffield. Today the business has evolved to become Rotary Engineering UK Ltd, proudly established as an innovative specialist UK manufacturer supplying the motor rewind and coil manufactures in addition to the design, manufacture and repair of electromagnets.



Designed and manufactured in the UK



Specialist advice and support available



Option to configure specifications to meet individual requirements



Easy to operate, cost effective equipment



Worldwide service and support