

Transworld
Engineering Ltd



Torsion Machines

TORSION MACHINES FROM 0.2mm TO 3mm STEEL WIRE
& 0.2mm TO 5mm ENAMELLED WIRE

Founded in 2009, **Transworld Engineering Ltd.** aims to become a point of reference for all European companies for spring production and wire processing, providing manufacturing solutions through the sale of high-quality machinery and ensuring excellent engineering support throughout the life of its products, thus helping spring makers to manufacture parts in-house.

We at Transworld are spring machinery specialists, distributing to and supporting companies across Europe. We provide manufacturing machinery, including CNC coiling machines and CNC wire forming machine, automatic decoilers, heat treatment, grinding and testing machinery, and high-quality tooling. As experts in spring manufacturing, we are proud to offer expert advice, engineering support and quality aftercare, keeping the machines we sell running smoothly.

Haven't found exactly what you are looking for?
Contact us at **sales@transworldengineering.co.uk** and we will find the right solution for you!



10 Axis CNC Torsion Spring Coiling Machine

MODEL	TWE-ET30-10
Axis	10
Copper Wire Diameter	Ø 0.2-3.0mm
Steel Wire Diameter	Ø 0.2-1.0mm
Outside Diameter Spring	Ø 2.0-30.0mm
Max leg length	30mm
Movement up/down spindle	100mm
Horizontal movement spindle	±30mm
Max Feeding Speed	100m/min
Wire Feeding Value	0.01-10000.00mm
Input Power	220V 2P 50/60HZ
Program Storage	2000 plus
Wire Feed Servo Motor	0.4kw
Slide Arm Servo Motor	0.4kw x 7
Spinner Rotary Servo Motor	0.75kw
Spinner Up-Down Servo Motor	0.75kw
Free Arm Servo Motor	0.1kw
Dimensions (L x W x H)	1860 x 860 x 1650mm
Weight of machine	300kg

FEATURES

10 Axis Torsion Coiler

Safety Cover

Accurate diameter and position

1 cutter, 5 slide arms, 1 spindle (movement up/down), 1 rotary spindle (right only), 1 decoiler (60kg), 1 free arm

Windows Controller

YASKAWA Servo Motor (Japanese)

Probe or laser

Optional Right/Left movement spindle





11 Axis CNC Torsion Spring Coiling Machine

MODEL	TWE-ET50-11
Axis	11
Copper Wire Diameter	Ø 1.0-5.0mm
Steel Wire Diameter	Ø 0.8-3.0mm
Outside Diameter Spring	Ø 10.0-50.0mm
Max leg length	80mm
Movement up/down spindle	200mm
Horizontal movement spindle	±50mm
Max Feeding Speed	100m/min
Wire Feeding Value	0.01-10000.00mm
Input Power	220V 2P 50/60Hz
Program Storage	2000 plus
Wire Feed Servo Motor	1.5kw
Slide Arm Servo Motor	0.75kw x 7
Spindle Rotary Servo Motor	1.8kw
Spindle Up-Down Servo Motor	1.8kw
Free Arm Servo Motor	0.75kw
Dimensions (L x W x H)	1350 x 950 x 2050mm
Weight of machine	700kg

FEATURES

11 Axis Torsion Coiler

Safety Cover

Accurate diameter and position

7 slide arms, 1 spindle (movement up/down), 1 rotary spindle (right only), 1 free arm, 1 decoiler

Face to face cut (2 slide arms to cut)

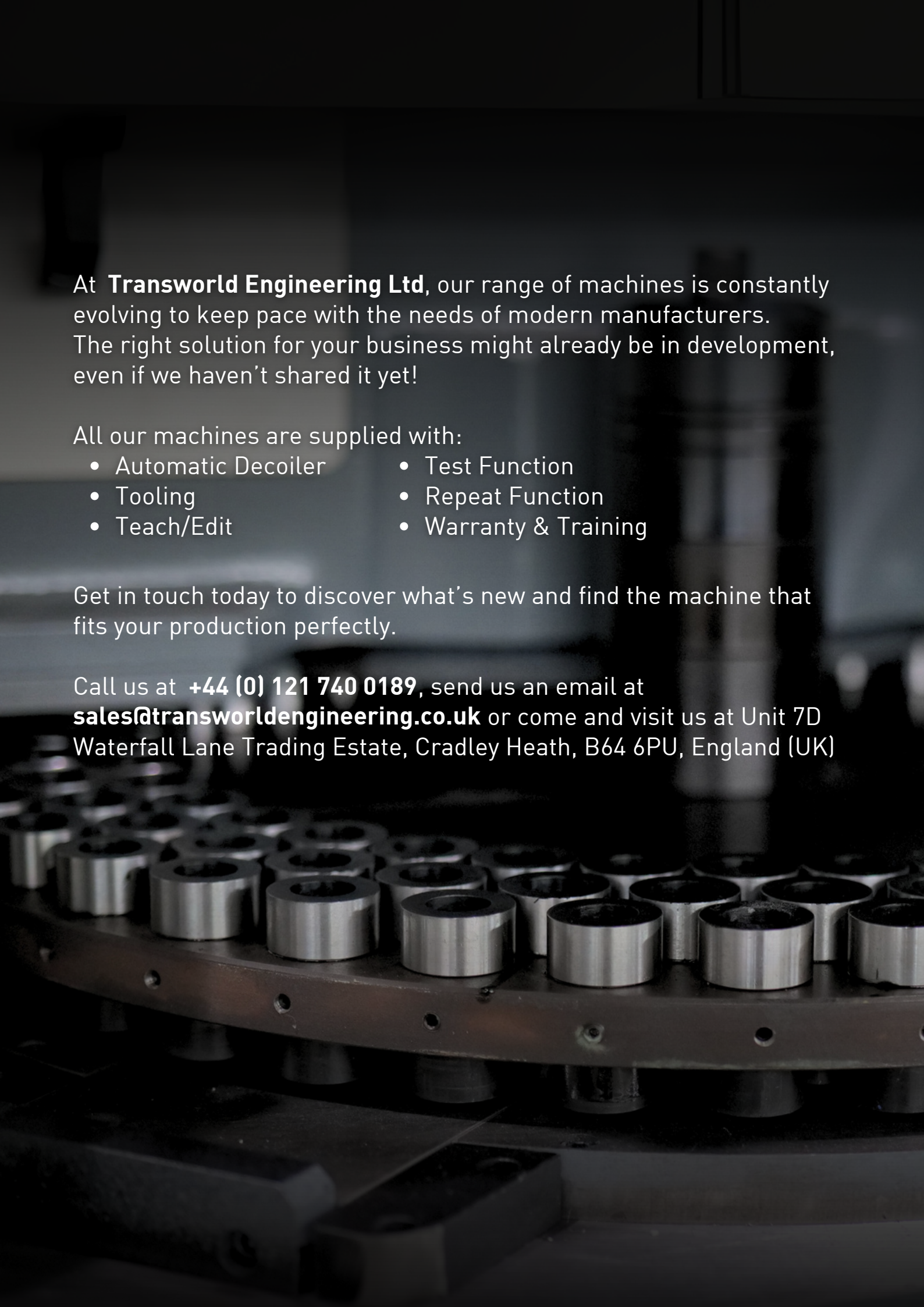
Windows Controller

YASKAWA Servo Motor (Japanese)

Probe or laser

Optional Right/Left movement spindle





At **Transworld Engineering Ltd**, our range of machines is constantly evolving to keep pace with the needs of modern manufacturers. The right solution for your business might already be in development, even if we haven't shared it yet!

All our machines are supplied with:

- Automatic Decoiler
- Tooling
- Teach/Edit
- Test Function
- Repeat Function
- Warranty & Training

Get in touch today to discover what's new and find the machine that fits your production perfectly.

Call us at **+44 (0) 121 740 0189**, send us an email at **sales@transworldengineering.co.uk** or come and visit us at Unit 7D Waterfall Lane Trading Estate, Cradley Heath, B64 6PU, England (UK)

MANUFACTURING SOLUTIONS
SINCE 2009



Transworld
Engineering Ltd



Unit 7D, Waterfall Lane Trading Estate,
B64 6PU, Cradley Heath, Birmingham, England (UK)

sales@transworldengineering.co.uk

www.transworldengineering.co.uk

+44 (0) 121 740 0189

