

Transworld
Engineering Ltd



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Auxiliary Machinery

DECOILERS, GRINDING MACHINES, COVEYOR FURNACES,
BOX FURNACES, SPIRAL OVENS, ETC.

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!



Bespoke Box Ovens

MODEL	Inside Dimensions (L x W x H)	Volume	Maximum Temperature	Temperature Uniformity	Power Capacity	Outside Dimensions (L x W x H)	Weight
TWEBF-6	200 x 220 x 140mm	6 l	500°C	±6°C	1.8 kw	470 x 640 x 890mm	60kg
TWEBF-9	300 x 220 x 140mm	9.2 l	500°C	±6°C	2.7 kw	570 x 640 x 890mm	70kg
TWEBF-25	360 x 360 x 240mm	9.6 l	500°C	±6°C	4.5 kw	650 x 760 x 1040mm	115kg
TWEBF-100	500 x 500 x 430mm	107.5 l	500°C	±6°C	10 kw	1000 x 930 x 1140mm	180kg
TWEBF-180	600 x 500 x 600mm	180 l	500°C	±6°C	10 kw	1250 x 900 x 1700mm	380kg
TWEBF-450	800 x 700 x 800mm	448 l	500°C	±6°C	15kw	1450 x 1100 x 1800mm	550kg
TWEBF-850	930 x 800 x 1000mm	744 l	500°C	±6°C	30kw	1650 x 1190 x 2260mm	760kg
TWEBF-1400	1200 x 1000 x 1200mm	1440 l	500°C	±6°C	60kw	1930 x 1400 x 2340mm	1300kg
TWEBF-1700	1400 x 1000 x 1200mm	1680 l	500°C	±6°C	70kw	2130 x 1400 x 2340mm	1430kg
TWEBF-2200	1400 x 1200 x 1300mm	2184 l	500°C	±6°C	82kw	2130 x 1600 x 2440mm	1550kg

These are examples of different measurements we can offer, but our bespoke furnaces are all custom made to suit your needs.



Spiral Vibrating Oven

MODEL	TWE-HZIG0A	FEATURES
Function	Tempering furnace	Intermittent Vibration
Power	2KW	Temperature control
Voltage	220V	Vibration Control
Temperature range	0° - 450°C	Light Weight and portable
Maximum Wire Diameter	1.5mm	Compact (Space saving)
Frequency	50-60Hz	Standard 3 pin plug
Dimensions (L x W x H)	460 x 490 x 770mm	
Net Weight	65kg	



TWECF206/420/660/860

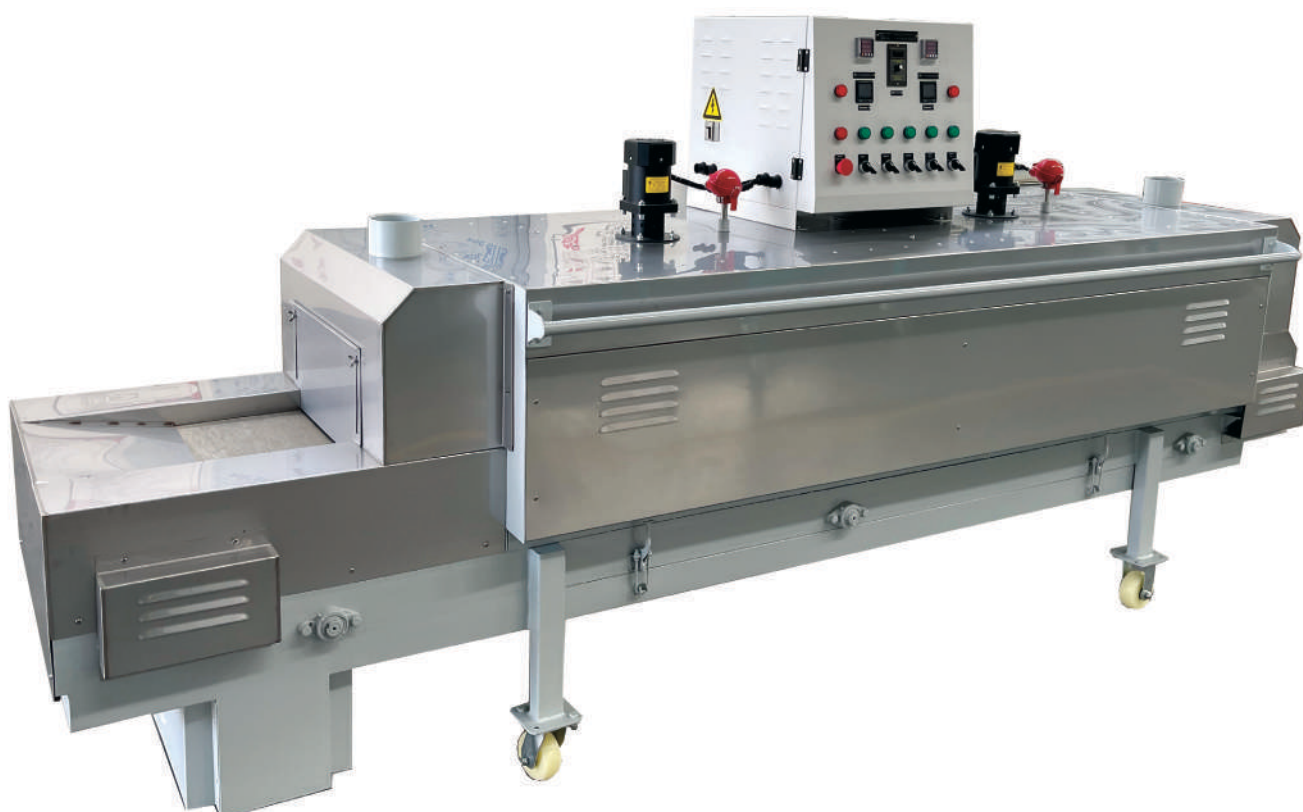
Conveyor Tempering Furnace

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MODEL	TWECF-206	TWECF-420	TWECF-660	TWECF-860
Maximum Temperature	500°C	500°C	500°C	500°C
Power	8KW	26KW	90KW	120KW
Heating Zone	1	1	1	1
Effective Heating Area (L x W x Hmm)	600x200x60	2000x400x90	6000x600x150	6000x800x260
Wire diameter	Ø 0.1 - 6.0mm	Ø 0.5 - 6.0mm	Ø 1.0 - 16.0mm	Ø 8.0 - 50.0mm
Weight of Furnace	250KG	1000KG	3800KG	5200KG
Dimensions (L x W x Hmm)	1600x750x1200	3300x950x1320	8100x1200x1900	8100x1400x2000

Inline stress relief of springs or wire shapes after coiling or forming



Model	Ext Length (mm)	Ext Width (mm)	Ext Height (mm)	Int Length (mm)	Int Width (mm)	Int Height (mm)	Power (kw)	Adjustable Temp (celsius)	Range of tempering time (minutes)	Dia of tempered pieces (mm)	Output of tempered pieces (Kg/h)	Weight of furnace body (kg)
TWECF-206	1600	750	1200	600	200	60	6	Up to 500	1.5 to 30	0.1 - 3	10 to 20	200
TWECF-210	2000	750	1250	1000	200	90	8	Up to 500	2.5 to 40	0.1 - 6	18 - 25	250
TWECF-215	2600	750	1250	1500	200	90	12	Up to 500	4 to 50	0.1 - 6	25 - 35	350
TWECF-315	2600	850	1320	1500	300	90	16	Up to 500	4 to 50	0.1 - 6	35 - 50	750
TWECF-320	3300	850	1100	2000	300	90	20	Up to 500	6 to 60	0.1 - 6	50 - 70	950
TWECF-420	3300	950	1320	2000	400	90	26	Up to 500	6 to 60	0.5 - 6	60 - 80	1000
TWECF-425	3800	950	1320	2500	400	100	30	Up to 500	6 to 60	0.5 - 6	70 - 90	1200
TWECF-430	4300	950	1300	3000	400	100	35	Up to 500	8 to 60	0.5 - 6	80 - 120	1300
TWECF-440	6100	1050	1600	4000	400	120	43	Up to 500	12 to 60	1.0 - 12	130 - 180	2200
TWECF-520	4100	1100	1600	2000	500	100	30	Up to 500	8 to 50	0.5 - 10	80 - 100	1400
TWECF-530	5100	1100	1900	3000	500	120	40	Up to 500	10 to 60	0.5 - 10	150 - 180	1800
TWECF-540	6100	1100	1900	4000	500	130	50	Up to 500	12 to 60	1.0 - 14	200 - 250	2400
TWECF-550	7100	1100	1900	5000	500	130	60	Up to 500	14 to 90	1.0 - 16	250 - 300	2800
TWECF-560	8100	1100	1900	6000	500	150	75	Up to 500	14 to 90	1.0 - 16	300 - 500	3600
TWECF-590	11200	1100	1950	9000	500	200	135	Up to 500	30 to 180	1.0 - 18	800 - 1000	5000
TWECF-630	5100	1200	1900	3000	600	120	48	Up to 500	10 to 60	1.0 - 12	160 - 200	2200
TWECF-640	6100	1200	1900	4000	600	130	60	Up to 500	12 to 60	1.0 - 14	200 - 300	2600
TWECF-650	7100	1200	1900	5000	600	130	75	Up to 500	14 to 90	1.0 - 16	300 - 400	3200
TWECF-660	8100	1200	1900	6000	600	150	90	Up to 500	14 to 90	1.0 - 16	360 - 500	3800
TWECF-680	10100	1200	2000	8000	600	200	135	Up to 500	25 to 150	1.0 - 20	700 - 1100	5000
TWECF-690	11200	1200	2000	9000	600	220	150	Up to 500	30 to 180	1.0 - 20	800 - 1200	5500
TWECF-730	5100	1300	1900	3000	700	120	55	Up to 500	10 to 60	1.0 - 14	180 - 220	2500
TWECF-740	6100	1300	2000	4000	700	180	68	Up to 500	12 to 60	1.0 - 16	250 - 350	3200
TWECF-750	7100	1300	2000	5000	700	200	92	Up to 500	14 to 90	1.0 - 16	320 - 450	3500
TWECF-760	8100	1300	2000	6000	700	220	103	Up to 500	14 to 90	1.0 - 20	400 - 600	4300
TWECF-840	6100	1400	2000	4000	800	180	86	Up to 500	12 to 60	8.0 - 50	280 - 400	4000
TWECF-850	7100	1400	2000	5000	800	220	103	Up to 500	14 to 90	8.0 - 50	400 - 600	4600
TWECF-860	8100	1400	2000	6000	800	260	120	Up to 500	14 to 90	8.0 - 50	550 - 800	5200

A photograph of three people standing in a factory or warehouse. On the left is a man with a beard, in the center is a younger man, and on the right is a woman with curly hair. They are all wearing white t-shirts with the Transworld Engineering Ltd. logo. The background shows industrial equipment and shelving.

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!

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** or send us an email at **sales@transworldengineering.co.uk** or contact **[Benedetta Migliorini](#)** and **[Lewis Wild](#)** on LinkedIn!

MANUFACTURING SOLUTIONS
SINCE 2009



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