

2-3 Axis CNC High Speed Spring Coiling Machine

MODEL	TWE - 208	FEATURES
Number of Axis	2 - 3	2 Axis High Speed Coiler
Wire Size Range	Ø 0.15 - 0.8mm	Japanese Servo Motor
Max Outside Diameter	18mm	Taiwanese Controller
Wire Feeding Length	Unlimited	Repeat Function
Max Feeding Speed	150m / min	Teach / Edit
Feeding Roller Pairs	1	Test Function
Max Production Rate	400 pcs / min	Optional Spring Length Gauge
Feeding Servo Motor	1.0 kw	Optional Torsion Attachment
Cam Motor	1.0 kw	
Weight	350 kg	
Dimensions (L x W x H)	900 x 1000 x 1500mm	



3 Axis CNC Spring Coiling Machine

MODEL	TWE - 312	TWE - 316	TWE - 320
Number of Axis	3	3	3
Wire Size Range	Ø 0.2 - 1.2mm	Ø 0.3 - 1.6mm	Ø 0.5 - 2.0mm
Max Outside Diameter	Ø 30mm	Ø 30mm	Ø 40mm
Wire Feed Speed	100m / min	100m / min	100m / min
Wire Feed Vaule		+0.01 - ±9999.99mm	
Cam Instruction Value		+0.1° - ±359.9°	
Wire Feed Servo Motor	1.2 kw	1.5 kw	2.7 kw
Cam Servo Motor	1.2 kw	1.5 kw	2.7 kw
Pitch Servo Motor	0.4 kw	0.4 kw	0.4 kw
Weight	400 kg	450 kg	570 kg
Dimensions (L x W x Hmm)	950 x 600 x 1520	1000 x 620 x 1600	1040 x 800 x 1680

FEATURES

- 3 Axis High Speed Coiler
- Japanese Servo Motor
- Taiwanese Controller
- Repeat Function
- Teach / Edit
- Test Function
- Optional Spring Length Gauge
- Optional Torsion Attachment



TWE-330 /335 /340

3 Axis CNC Spring Coiling Machine

MODEL	TWE - 330	TWE - 335	TWE - 340
Number of Axis	3	3	3
Wire Size Range	Ø 1.0 - 3.0mm	Ø 1.5 - 3.5mm	Ø 1.5 - 4.0mm
Max Outside Diameter	Ø 70mm	Ø 50mm	Ø 65mm
Wire Feed Speed	120m / min	100m / min	127m / min
Wire Feed Servo Motor	2.7 kw	5.5 kw	4.5 kw
Cam Servo Motor	2.7 kw	5.5 kw	2.7kw
Pitch Servo Motor	N/A	1.0 kw	N/A
Weight	1200 kg	1060 kg	1500 kg
Dimensions (L x W x Hmm)	1150 x 1300 x 1750	1280 x 810 x 1850	1665 x 1400 x 1800

FEATURES

- 3 Axis High Speed Coiler
- Japanese Servo Motor
- Taiwanese Controller
- Repeat Function
- Teach / Edit
- Test Function
- Optional Spring Length Gauge
- Optional Torsion Attachment



3/4 Axis CNC Versatile Spring Forming Machine

MODEL	TWE - 20B	TWE - 40W
Number of Axis	3 - 4	3 - 4
Wire Size Range	Ø 0.2 - 2.0mm	Ø 1.2 - 4.0mm
Max Outside Diameter	Ø 50mm	Ø 65mm
Wire Feeding Length	Unlimited	Unlimited
Max Feeding Speed	110m / min	110m / min
Cam Setting Value	±0.1° -±359.9°	±0.1° -±359.9°
Max Production Rate	70 pcs / min	60 pcs / min
Feeding Servo Motor	2.7 kw	5.5 kw
Cam Servo Motor	2.7 kw	3.8 kw
Quill Servo Motor	1.0 kw	1.0 kw
Weight	1200kg	1800kg
Dimensions (L x W x Hmm)	800 x 1100 x 1750	1000 x 1300 x 1900

FEATURES

- 3 Axis High Speed Coiler
- Japanese Servo Motor
- Taiwanese Controller
- Repeat Function
- Teach / Edit
- Test Function
- Optional Servo Spinner





5 Axis CNC Spring Forming Machine

MODEL	TWE-520WZ	TWE-540WZ	TWE-550WZ
Number of Axis	5	5	5
Wire Size Range	Ø 0.3 - 2.0mm	Ø 1.2 - 4.0mm	Ø 2.0 - 5.0mm
Max Outside Diameter	Ø 100mm	Ø 160mm	Ø 350mm
Wire Feeding Length	Unlimited	Unlimited	Unlimited
Max Feeding Speed	120m / min	72m / min	52m / min
Wire Rotation Servo Motor	2.9 kw	4.4kw	4.5kw
Cam Servo Motor	2.9 kw	2.9 kw	11kw
Quill Servo Motor	0.75 kw	1.3 kw	1kw
Feeding Motor	2.9 kw	4.4 kw	11kw
Spinner Servo Motor	0.4 kw	1.0 kw	1.5kw
Dimensions (L x W x Hmm)	1450 x 1250 x 1800	2400 x 1700 x 1900	2700 x 1460 x 2150
Weight	1600 kg	2000 kg	5500kg

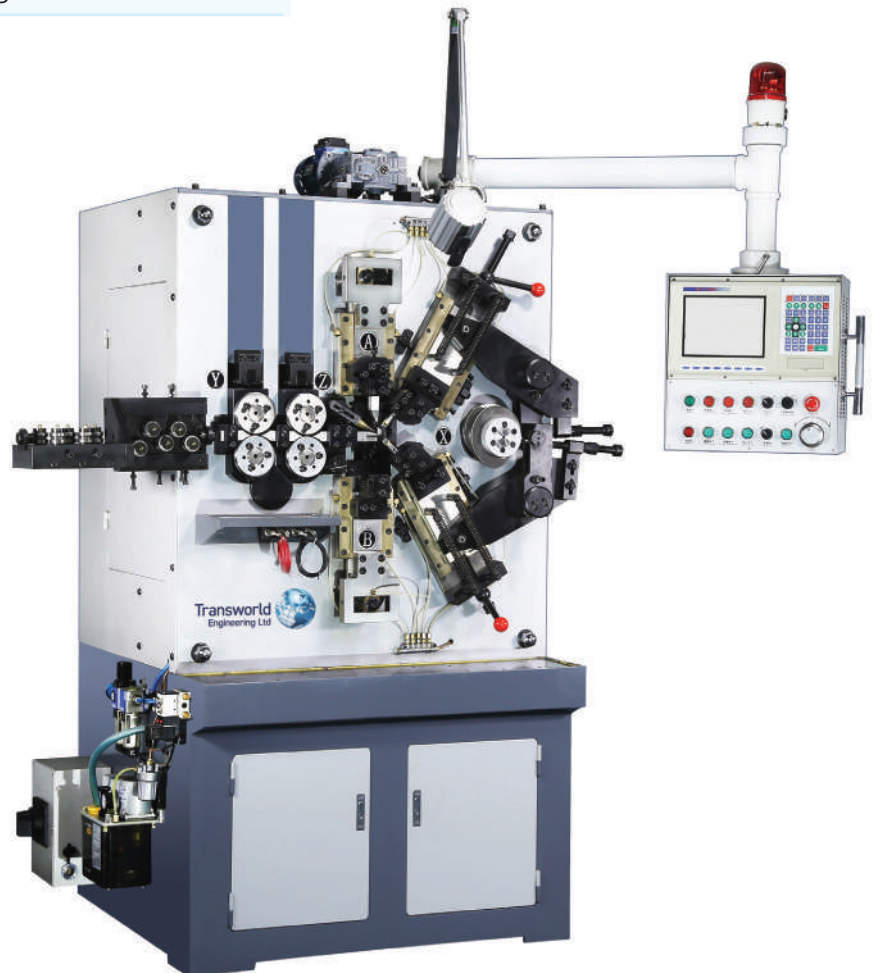
FEATURES

- 5-6 Axis Spring Rotating Machine
- Japanese Servo Motor
- Taiwanese Controller
- USB Port
- Priority Control
- Programmable Pause Timing
- Programmable Jogging Speed
- Angle Setting for Cam, Quill and Servo Spinner
- Optional extra servo spinner



5 Axis CNC Spring Coiling Machine

MODEL	TWE - 535	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 1.5 - 3.5mm	Japanese Servo Motor
Max Outside Diameter	Ø 65mm	Taiwanese Controller
Wire Feed Length	Unlimited	Repeat Function
Wire Feed Speed	78m / min	Teach / Edit
Coiling Direction	Left to Right	Test Function
Number of Wire Feed Axes	2 Pairs	Optional Spring Length Gauge
Cam Axis Motor	2.7 kw	
Pitch Axis Motor	2.0 kw	
Wire Feed Axis Motor	7.0 kw	
Up-cut Motor	2.7 kw	
Down-cut Motor	2.7 kw	
Dimensions (L x W x Hmm)	1500 x 1000 x 2130	
Machine Weight	1900 kg	



5 Axis CNC Spring Coiling Machine

MODEL	TWE - 545	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Size Range	Ø 1.6 - 4.5mm	Japanese Servo Motor
Max Outside Diameter	80mm	Taiwanese Controller
Max Feeding Speed	96m / min	Repeat Function
Feeding Roller Pairs	3	Teach / Edit
Feeding Servo Motor	5.5 kw	Test Function
Cam Motor	2.7 kw	Optional Spring Length Gauge
Upper Cutter Motor	2.7 kw	Rotary Cut
Under Currtter Motor	2.7 kw	
Weight	1900 kg	
Dimensions (L x W x Hmm)	1250 x 1400 x 1850	



TWE-550

5 Axis CNC Spring Coiling Machine

MODEL	TWE - 550	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 1.5 - 5.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 3.5mm	Taiwanese Controller
Max. Outside Diameter	Ø 65mm	Repeat Function
Wire Feed length	No Limitation	Teach / Edit
Wire Feed Speed	75m/min	Test Function
Coiling Direction	Left or Right	Optional Spring Length Gauge
Number of Wire Feed Axes	3 Pairs	
Cam Axis Motor	4.5 kw	
Pitch Axis Motor	2.0 kw	
Wire Feed Axis Motor	15 kw	
Up-cut Motor	4.5 kw	
Down -cut Motor	4.5 kw	
Dimensions (L x W x Hmm)	1800 x 1135 x 2010	
Machine Weight	2500 kg	



5 Axis CNC Spring Coiling Machine

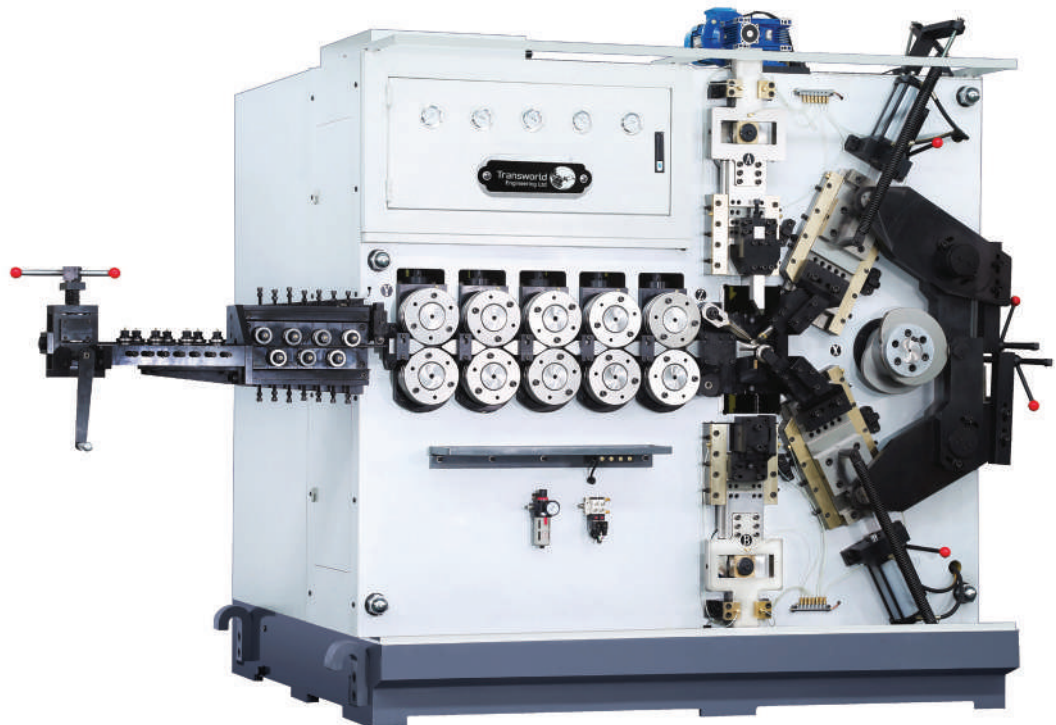
MODEL	TWE - 580	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 3.0 - 8.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 6.0mm	Taiwanese Controller
Max. Outside Diameter	Ø 120	Repeat Function
Wire Feed length	No Limitation	Teach / Edit
Wire Feed Speed	80m/min	Test Function
Coiling Direction	Left or Right	Optional Spring Length Gauge
Number of Wire Feed Axes	4 Pairs	
Cam Axis Motor	7.0 kw	
Pitch Axis Motor	2.7 kw	
Wire Feed Axis Motor	30 kw	
Up-cut Motor	7.0 kw	
Down -cut Motor	7.0 kw	
Dimensions (L x W x Hmm)	2100 x 1800 x 2200	
Machine Weight	7000 kg	



TWE-5120

5 Axis CNC Spring Coiling Machine

MODEL	TWE - 5120	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 6.0 -12.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 10mm	Taiwanese Controller
Max. Outside Diameter	Ø 150	Repeat Function
Wire Feed length	Unlimited	Teach / Edit
Wire Feed Speed	58m/min	Test Function
Coiling Direction	Left or Right	Optional Spring Length Gauge
Number of Wire Feed Axes	5 Pairs	
Cam Axis Motor	11.0 kw	
Pitch Axis Motor	4.5 kw	
Wire Feed Axis Motor	30 kw	
Up-cut Motor	15 kw	
Down -cut Motor	15 kw	
Dimensions (L x W x Hmm)	3700 x 2200 x 2500	
Machine Weight	13500 kg	



TWE-5160-5

5 Axis CNC Spring Coiling Machine

MODEL	TWE - 5160-5	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 8.0 -16.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 13.5mm	3D Taiwanese Controller
Max. Outside Diameter	Ø 250	Rotary Cut Available
Wire Feed length	Un,ikited	Repeat Function
Wire Feed Speed	50m/min	Teach / Edit
Coiling Direction	Left or Right	Test Function
Number of Wire Feed Axes	5 Pairs	Optional Spring Length Gauge
Cam Axis Motor	11.0 kw	
Pitch Axis Motor	4.5 kw	
Wire Feed Axis Motor	37 kw	
Up-cut Motor	30 kw	
Down -cut Motor	30 kw	
Machine Weight	22000kg	
Dimensions (L x W x Hmm)	4500 x 2350 x 2700	



TWE-5200

5 Axis CNC Spring Coiling Machine

MODEL	TWE - 5200	FEATURES
Number of Axis	5	5 Axis High Speed Coiler
Wire Diameter	Ø 12.0 -20.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 16mm	3D Taiwanese Controller
Max. Outside Diameter	Ø 260	Rotary Cut Available
Wire Feed length	Unlimited	Repeat Function
Wire Feed Speed	31.5 - 49m/min	Teach / Edit
Coiling Direction	Left or Right	Test Function
Number of Wire Feed Axes	6 Pairs	Optional Spring Length Gauge
Cam Axis Motor	15.0 kw	
Pitch Axis Motor	7 kw	
Wire Feed Axis Motor	55 kw	
Up-cut Motor	30 kw	
Down -cut Motor	30 kw	
Machine Weight	30000kg	
Dimensions (L x W x Hmm)	5100 x 2450 x 2900	





6 Axis CNC High-speed Spring Coiling Machine

MODEL	TWE - 650	TWE - 660	TWE - 680	TWE - 690
Number of Axis	6	6	6	6
Wire Diameter	Ø 1.5 - 5.0mm	Ø 2.5 - 6.0mm	Ø 3.0 - 8.0mm	Ø 3.0 - 9.0mm
Oil Quenching Line	≤Ø 3.5mm	≤Ø 4.0mm	≤Ø 6.0mm	≤Ø 6.5mm
Max. Outside Diameter	Ø 65	Ø 110	Ø 120	Ø 120
Wire Feed length	Unlimited			
Wire Feed Speed	75m/min	60m/min	60m/min	80m/min
Coiling Direction	Left or Right			
Number of Wire Feed Axes	3 Pairs	3 Pairs	4 Pairs	4 Pairs
Variable Diameter Axis Motor	1.5 kw	2.7 kw	2.7 kw	2.7 kw
Pitch Axis Motor	2.0 kw	2.0 kw	2.7 kw	4.5 kw
Wire Feed Axis Motor	15.0 kw	7.5 kw	15.0 kw	30 kw
Up-cut Motor	4.5 kw	2.7 kw	7.0 kw	11 kw
Down-cut Motor	4.5 kw	2.7 kw	7.0 kw	11 kw
Dimensions (L x W x Hmm)	1800 x 1135 x 2130	1750 x 1900 x 2100	2000 x 2100 x 2200	2100 x 1800 x 2200
Machine Weight	2550 kg	4800 kg	6000 kg	7100 kg

FEATURES

- 6 Axis High Speed Coiler
- Japanese Servo Motor
- Taiwanese Controller
- All axes work independently
- Repeat Function
- Teach / Edit
- Test Function
- Swing Cut Function
- Camera Length Gauge



TWE-808

8 Axis CNC High Speed Spring Coiling Machine

MODEL	TWE - 808	FEATURES
Number of Axis	8	8 Axis High Speed Coiler
Wire Size Range	Ø 0.15 - 1.0mm	Japanese Servo Motor
Max Outside Diameter	Ø 20mm	Taiwanese Controller
Max Pitch of Spring	30mm	Swing Cut Function
Max Feeding Speed	300m / min	Optional Internal Spring Length Gauge
Spring Index	3	
Feeding Roller Pairs	1	
Feeding Motor	1.8kw	
Cutter Motor	0.75kw*2	
Cam Motor	0.4kw*2	
Pitch Motor	0.75kw	
Mandrel Moving Up-down Motor	0.75kw	
Mandrel Return Motor	0.4kw	
Dimensions (LxWxHmm)	950 x 1150 x 1700	
Weight	600kg	



8 Axis CNC High Speed Spring Coiling Machine

MODEL	TWE - 816	FEATURES
Number of Axis	8	8 Axis High Speed Coiler
Wire Size Range	Ø 0.40 - 1.6mm	Japanese Servo Motor
Max Outside Diameter	Ø 50mm	Taiwanese Controller
Max Feed Length	Unlimited	Swing Cut Function
Max Feeding Speed	225m / min	Optional Internal Spring Length Gauge
Production Rate	400pcs / min	
Feeding Motor	1.8kw	
Cutter Motor	0.60kw*2	
Cam Motor	0.4kw*2	
Pitch Motor	0.2kw	
Mandrel Moving Up-down Motor	0.75kw	
Mandrel Return Motor	0.4kw	
Dimensions (LxWxHmm)	900 x 1100 x 1700	
Weight	610kg	



8 Axis CNC High Speed Spring Coiling Machine

MODEL	TWE - 830	FEATURES
Number of Axis	8	8 Axis High Speed Coiler
Wire Size Range	Ø 1.0 - 3.0mm	Japanese Servo Motor
Max Outside Diameter	Ø 70mm	Taiwanese Controller
Max Pitch of Spring	43mm	Swing Cut Function
Max Feeding Speed	280m / min	Optional Internal Spring Length Gauge
Spring Index	3	
Feeding Roller Pairs	2	
Feeding Motor	4.4kw	
Cutter Motor	1.3kw*2	
Cam Motor	0.85kw*2	
Pitch Motor	0.75kw	
Mandrel Moving Up-down Motor	1.0kw	
Mandrel Return Motor	1.0kw	
Dimensions (LxWxHmm)	1000 x 1400 x 1900	
Weight	1300kg	



TWE-850

8 Axis CNC Spring Coiling Machine

MODEL	TWE - 850	FEATURES
Number of Axis	8	8 Axis High Speed Coiler
Wire Diameter	Ø 2.0 -5.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 3.5mm	Taiwanese Controller
Max. Outside Diameter	Ø 80	Repeat Function
Wire Feed length	Unlimited	Teach / Edit
Wire Feed Speed	125m/min	Test Function
Coiling Direction	Left or Right	Optional Spring Length Gauge
Number of Wire Feed Axes	4 Pairs	
Variable Diameter Axis Motor	4.5kw	
Wire Feed Axis Motor	20kw	
Up-cut Motor	4.5kw	
Down-cut Motor	4.5kw	
Pitch Axis Motor	2.0kw	
Core Seat Movable Motor	2.7kw	
Shaft Core Motor	1.0kw	
Dimensions (L x W x Hmm)	2000 x 1750 x 2100	
Weight	4000 kg	



8 Axis CNC Spring Coiling Machine

MODEL	TWE - 880	FEATURES
Number of Axis	8	8 Axis High Speed Coiler
Wire Diameter	Ø 3.0 -8.0mm	Japanese Servo Motor
Oil Quenching Line	≤Ø 7.0mm	Taiwanese Controller
Max. Outside Diameter	Ø 140	Repeat Function
Wire Feed length	No Limitation	Teach / Edit
Wire Feed Speed	110m/min	Test Function
Coiling Direction	Left or Right	Optional Spring Length Gauge
Number of Wire Feed Axes	4 Pairs	
Variable Diameter Axis Motor	5.5kw	
Wire Feed Axis Motor	20kw	
Up-cut Motor	15kw	
Down-cut Motor	15kw	
Pitch Axis Motor	4.5kw	
Core Seat Movable Motor	2.7kw	
Shaft Core Motor	2.0kw	
Dimensions (L x W x Hmm)	2100 x 1800 x 2200	
Weight	6500 kg	



TWE-1112

11 Axis CNC Spring Coiling Machine

MODEL	TWE - 1112	FEATURES
Wire Size	Ø 0.3 - 1.2mm	11 Axis High Speed Coiler
Max. Outside Diameter	Ø 30	Japanese Servo Motor
Wire Feed Speed	140m/min	Taiwanese Controller
Wire Feeding Motor	1.8 kw	Repeat Function
Cutter Motor	0.75 kw*2	Teach / Edit
Coiling Point Motor	0.4 kw*2	Test Function
Pitch Motor	0.75 kw	Optional Spring Length Gauge
Mandrel Up & Down Motor	0.75 kw	
Mandrel In & Out Motor	0.4kw	
Forming Table In & Out	0.85 kw	
Forming Table Left & Right	0.85 kw	
Forming Table Up & Down	0.85 kw	
Dimensions (L x W x Hmm)	710 x 720 x 1460	
Weight	1200 kg	



12 Axis Camless CNC Versatile Spring Rotating Forming Machine

MODEL	TWE - 1220	TWE - 1225
Number of Axis	12	12
Wire Size Range	Ø 0.3 - 2.0mm	Ø 0.3 - 2.5mm
Total Power	13.75kw	14.80kw
Number of Wire Feed Axes	2 Pairs	2 Pairs
Wire Feed Servo Motor	2.9kw	2.7kw
Rotary Wire Servo Motor	2.9kw	2.7kw
Slide Servo Motor	0.75 x 8	1 x 8
Rotary Mandrel Servo Motor	0.75kw	1.0kw
Spinner Servo Motor	0.4kw	0.4 kw
Dimensions (L x W x Hmm)	1600 x 1200 x 1750	1700 x 1600 x 1685
Weight	1500 kg	1500 kg

FEATURES

- 18 Axis Maximum
- All axis independent
- Japanese Servo Motor
- Taiwanese Controller
- Optional Servo Spinner
- Remote Monitoring
- Test Function



TWE-1240

12 Axis Camless CNC Versatile Spring Rotating Forming Machine

MODEL	TWE - 1240	FEATURES
Number of Axis	12	18 Axis Maximum
Wire Size Range	Ø 1.5 - 4.0mm	All axis independent
Number of Wire Feed Rolls	3 Pairs	Japanese Servo Motor
Wire Feed Servo Motor	5.5kw	Taiwanese Controller
Rotary Wire Servo Motor	2.7kw	Optional Servo Spinner
Slide Servo Motor	2 x 8	Remote Monitoring
Rotary Mandrel Servo Motor	1.0kw	Test Function
Spinner Servo Motor	1.0 kw	
Dimensions (L x W x Hmm)	2100 x 1900 x 2000	
Weight	4000 kg	



TWE-1245WZ

12 Axis Camless CNC Versatile Spring Rotating Forming Machine

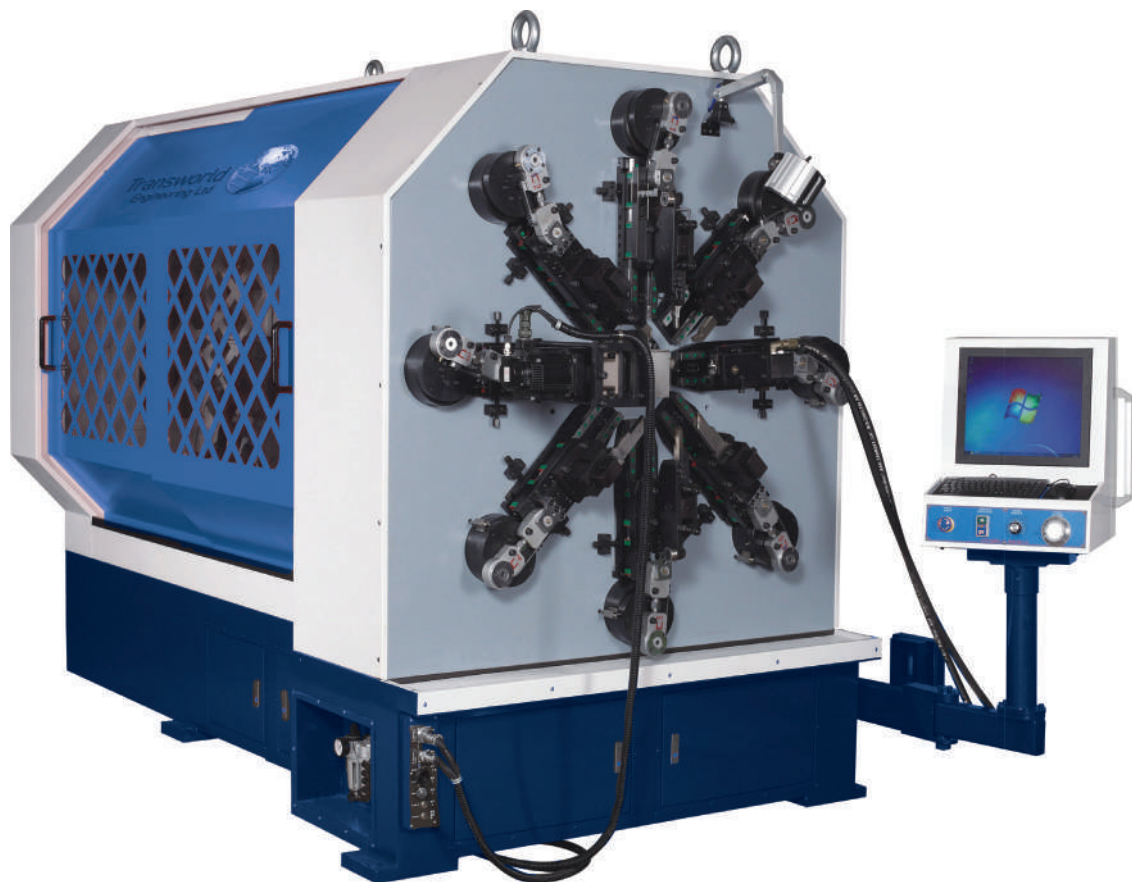
MODEL	TWE - 1245WZ	FEATURES
Number of Axis	12	18 Axis Maximum
Wire Size Range	Ø 1.2 - 4.5 mm	All axis independent
Number of Wire Feed Rolls	3 Pairs	Japanese Servo Motor
Wire Feeding Length	Unlimited	Taiwanese Controller
Max Feeding Speed	120m / min	Optional Servo Spinner
Feeding Roller Pairs	3 Pairs	Remote Monitoring
Feeding Servo Motor	4.4 kw	Test Function
Slide Servo Motor	1.3 kw x 8	
Weight	4000 kg	
Dimensions (L x W x Hmm)	2700 x 2000 x 1900	



TWE-1260

12 Axis Camless CNC Versatile Spring Rotating Forming Machine

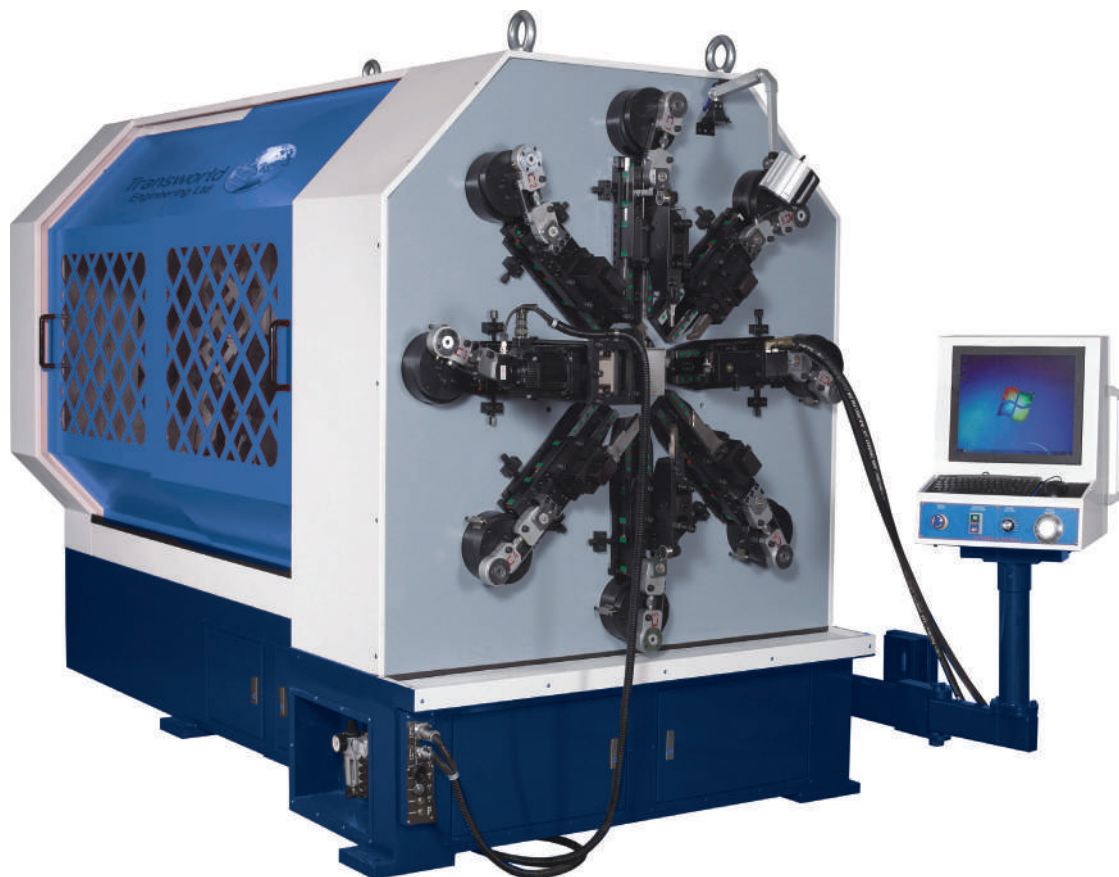
MODEL	TWE - 1260	FEATURES
Number of Axis	12	18 Axis Maximum
Wire Size Range	Ø 2.0 - 6.0mm	All axis independent
Number of Wire Feed Axes	4 Pairs	Japanese Servo Motor
Feeding Servo Motor	7.5kw	Taiwanese Controller
Rotary Wire Servo Motor	5.5kw	Optional Servo Spinner
Slide Servo Motor	4.4 x 8	Remote Monitoring
Rotary Mandrel Servo Motor	1.8kw	Test Function
Spinner Servo Motor	1.8 kw	Optional Hydraulic Cutter
Dimensions (L x W x Hmm)	3800 x 2000 x 2200	Oil Station
Weight	7500 kg	



TWE-1280WZ

12 Axis Camless CNC Versatile Spring Rotating Forming Machine

MODEL	TWE - 1280	FEATURES
Number of Axis	12	18 Axis Maximum
Wire Size Range	Ø 3.0 - 8.0mm	All axis independent
Number of Wire Feed Axes	4 Pairs	Japanese Servo Motor
Wire Feed Servo Motor	15kw	Taiwanese Controller
Rotary Wire Servo Motor	7.5kw	Optional Servo Spinner
Slide Servo Motor	4.4kw x 8	Remote Monitoring
Rotary Mandrel Servo Motor	1.8kw	Test Function
Spinner Servo Motor	1.3kw	Optional Hydraulic Cutter
Dimensions (L x W x Hmm)	5000 x 2200 x 2800	Oil Station
Weight	10000 kg	



TWE-7200

7 Axis CNC Spring Coiling Machine

MODEL	TWE - 7200
Number of Axis	7
Wire Diameter	Ø 9.0 -20.0mm
Oil Quenching Line	≤Ø 17mm
Max. Outside Diameter	Ø 260
Wire Feed length	Unlimited
Wire Feed Speed	87m/min
Coiling Direction	Left or Right
Number of Wire Feed Axes	6 Pairs
Cam Axis Motor	15kw
Pitch Axis Motor	11kw
Wire Feed Axis Motor	16 x 6
Up-cut Motor	42kw
Down-cut Motor	42kw
Variable Diameter	Ø 9.0
Dimensions (L x W x Hmm)	5100 x 2430 x 2800
Weight	35000kg

FEATURES

- Controlled by 12 Servo Motors (6 for wire feed)
- 7 Axis as standard: wire feed, pitch, Upper cut, lower cut, upper coiling point, lower coiling point & variable diameter control.
- Cutter options: straight cut, swing cut & twist cut.
- Easy change from left & right hand coiling direction.
- 3D CNC Programming for versatile and easy operation.

