

T2

Asahi-Seiki Manufacturing Co., Ltd.

CNC SPRING FORMER



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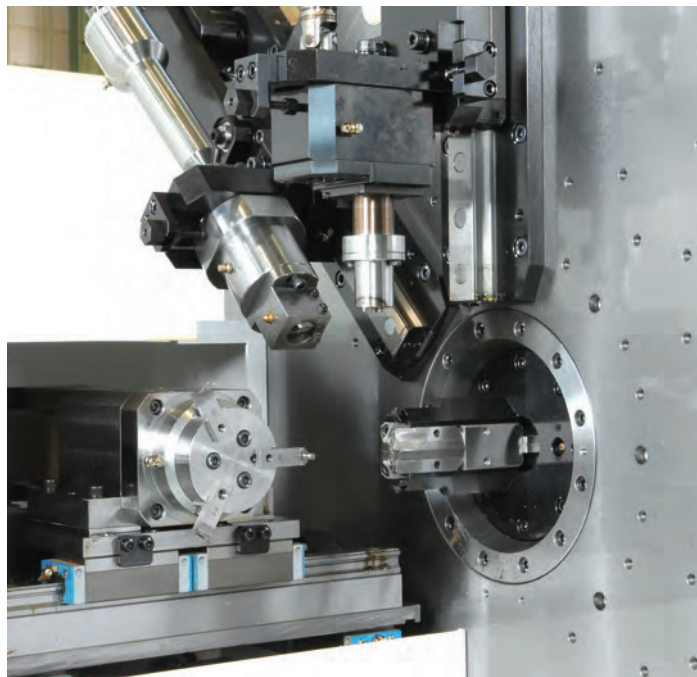
QUICK SET-UP & HIGH REPRODUCIBILITY (OPTION)

■ Universal Slide

Unique forming slide enables variety of forming.
Minimal tools save cost and reduce set-up time.
Backlash-free mechanism improves reproducibility.

■ TRES Universal

Revolutionary trinity unit with infinite possibilities
This integration unit alone enables forming, curling and cutting.



Universal Slide

■ Cut Slide

New cutting method ultimately reduces burr from cutting surface.
Single slide cutting saves cost and space.

■ Assist Slide

Various option units can be mounted on this table slide freely.
Assist slide gives you the best layout for your production.



TRES Universal+Assist Slide

■ SPECIFICATIONS

Wire dia,(mm)	φ0.6 ~ 2.0		
Spring index (D/d)	4or more		
External interface	USB connector		
Display	17in. liquid-crystal color monitor		
External dimensions(mm)	Height	1670 (Main unit)	
	Width	1150	
	Depth	2100	
Weight(approx./kg)	2500		

※External dimensions and Weight vary depending on options.

■ AXIS CONSTRUCTION

EXAMPLE 1 : UNIVERSAL SLIDE+MULTI CURLING+MULTI CUT VERSION

Axis No.	Use	Max. speed	Motor capacity(kw)
1	Wire feed	94m/min.	2.0
2※	Universal slide (forming)	200rpm	0.75
3※	Universal slide (back and forth)	30m/min	0.75
4※	Universal slide (cross direction)	30m/min	0.75
5	Universal quill	300rpm	0.75
6	Wire rotation	100rpm	5.0
7※	Curling slide (approach)	300rpm	0.75
8※	Curling slide (cross direction)	300rpm	0.75
9※	Curling slide (rotation)	200rpm	0.75
10※	Cut (approach)	300rpm	0.75
11※	Cut (cross direction)	300rpm	0.75
12※	Cut (rotation)	200rpm	0.75

※Axis No2~4, 7~12 are set by option.

■ OPTIONS

Universal slide (3 axes)	Additional hook alignment device
Forming slide (2 axes)	Tres universal (5 axes)
Curling slide (2 axes)	Assist slide (2 axes)
Cut slide (2 axes)	Curling slide for assist slide (1 axis)
Multi cut slide (3 axes)	Cut slide for assist slide (1 axis)
Multi curling slide (3 axes)	Tool holder for assist slide

EXAMPLE 2 : TRES UNIVERSAL+ASSIST SLIDE+CURLING+CUT VERSION

Axis No.	Use	Max. speed	Motor capacity(kw)
1	Wire feed	94m/min.	2.0
2※	Tres universal (tool rotation)	200rpm	0.75
3※	Tres universal (inner tool rotation)	200rpm	0.75
4※	Tres universal (head rotation)	100rpm	0.75
5※	Tres universal (back and forth)	30m/min	0.75
6※	Tres universal (right and left)	30m/min	0.75
7	Universal quill	300rpm	0.75
8	Wire rotation	100rpm	5.0
9※	Assist slide (right and left)	30m/min	1.5
10※	Assist slide (up and down)	30m/min	2.5
11※	Curling slide (rotation)	200rpm	0.75
12※	Cut (rotation)	200rpm	0.75

※Axis No2~6, 9~12 are set by option.



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