

GF-8

CNC MULTI-AXIS SPRING FORMER

Superior cost-effective forming machine

1 motor-for-twin slides system as alternative to cam axis control system

8 slides can be controlled independently

Setup time can be reduced dramatically

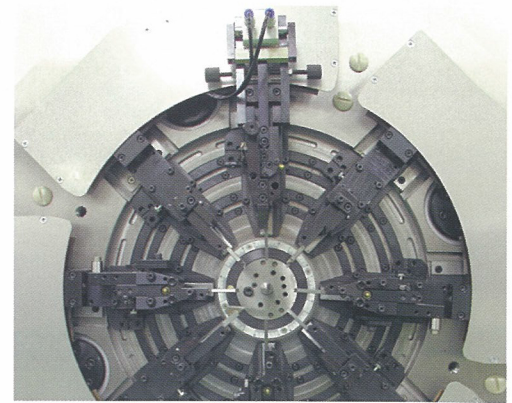


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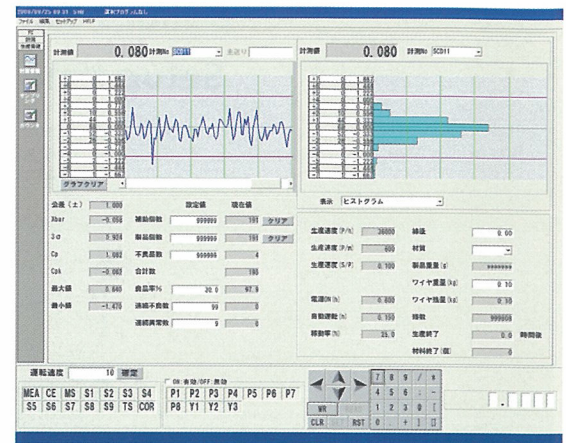
R servo drive shown on the photo is option

■ Features

- 1 Motor-for-twin slides control system: 2 slides are controlled by 1 axis servomotor, i.e. 8 slides are controlled by 4-axis. No need to make adjustments of timing of cams and/or stroke.
- Very easy to change slide layout. Just change each tool holder unit.
- Allowable adjustment angle to fit each slide is 28 degrees at maximum.
- Each slide is displayed in mm unit, and it runs at the constant speed.
- Using square shaped quill makes it possible to form products that requires significant clearance when it twirls.
- 4 R servo slides can be used at maximum as option.
- Servo slide to run two slides simultaneously is available.
- Program screen consists of all-axis always displayed and other cells movable by vertical scroll, and Program flow and each axis operation can be recognized with one look.
- Easy to make long program and also shorten setup time with multifunction; jump, 1 cycle/Pause, changing operation mode during operation, auto-cut and so on.
- Gauging, Coil end control, Input/Output and such program screen comes on independently.
- Motor Sensor system is equipped on each slide. Contact sensor is applied to specified drive motor's positioning function, and it measures free length, outside diameter, leg angle and such at 1/1000mm resolution same as capacitance gage. And also, graph display and correction control are available.



Simple front design



Graphs and Production control items are displayed in real time.

■ Machine specifications

Wire dia.	φ0.2~0.8mm		Control device	Max. 16-axis to be controlled by Computer – OS Windows XP
Index	D/d 4 or more			
Twirl distance	Radius 36mm when square quill is applied.		Display	17" TFT color LC display
Slides Option	Slide base	8 units	External memory	USB memory
	Body slide	1 unit	Service Temp.	0~40°C
	Bending slide	3 units	Power source	AC 200V, 3-phase, 20A
	Cut slide	4 units	Service pressure	Max. 0.5 MPa
	R Servo slide	2 units	Net weight	450 kg

