

TAIHEI CNC WIRE FORMING MACHINES

TIF-208S
TIF-206H



TAIHEI

2 AXIS CNC WIRE FORMERS

TIF-206H high speed forming



MAJOR FEATURES

1. Quick Set Up Time
Programming data can be prepared easily by direct command, and can be saved on a 3.5" floppy disc.
2. 24-hour Ghost Shift Operation
Extremely quiet (noise-free) operation permits unattended night shift operation without noise pollution problem.
3. Manpower Saving
One operator can normally handle 6 to 8 formers.
4. Flexibility
If so required, production of varying wire formed products can be done in consecutive sequence.
5. High Productivity
No moulds, no special toolings, etc. are required. Switchover to new products can be carried out very quickly.

MAJOR APPLICATIONS are basically same as those of the 3 AXIS wire formers as far as forming on the 2-dimensional plane is concerned.

TIF-208S precision forming



MAJOR FEATURES AND APPLICATIONS are basically same as those of the TIF-206H 2 AXIS CNC Wire Former.

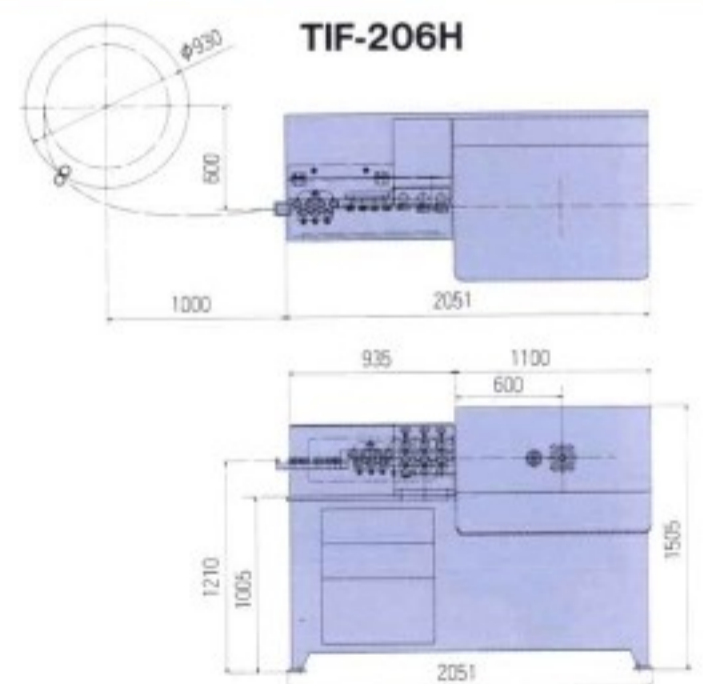
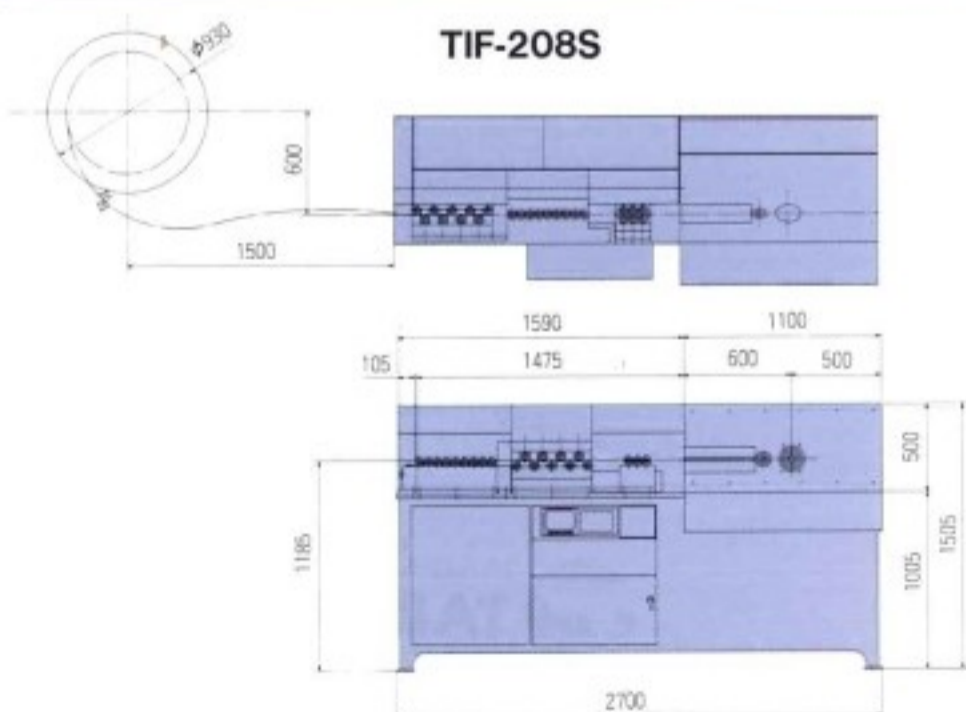
NEW TAIHEI CNC WIRE FORMER SPECIFICATIONS

TIF SERIES 2-AXIS CNC WIRE FORMERS

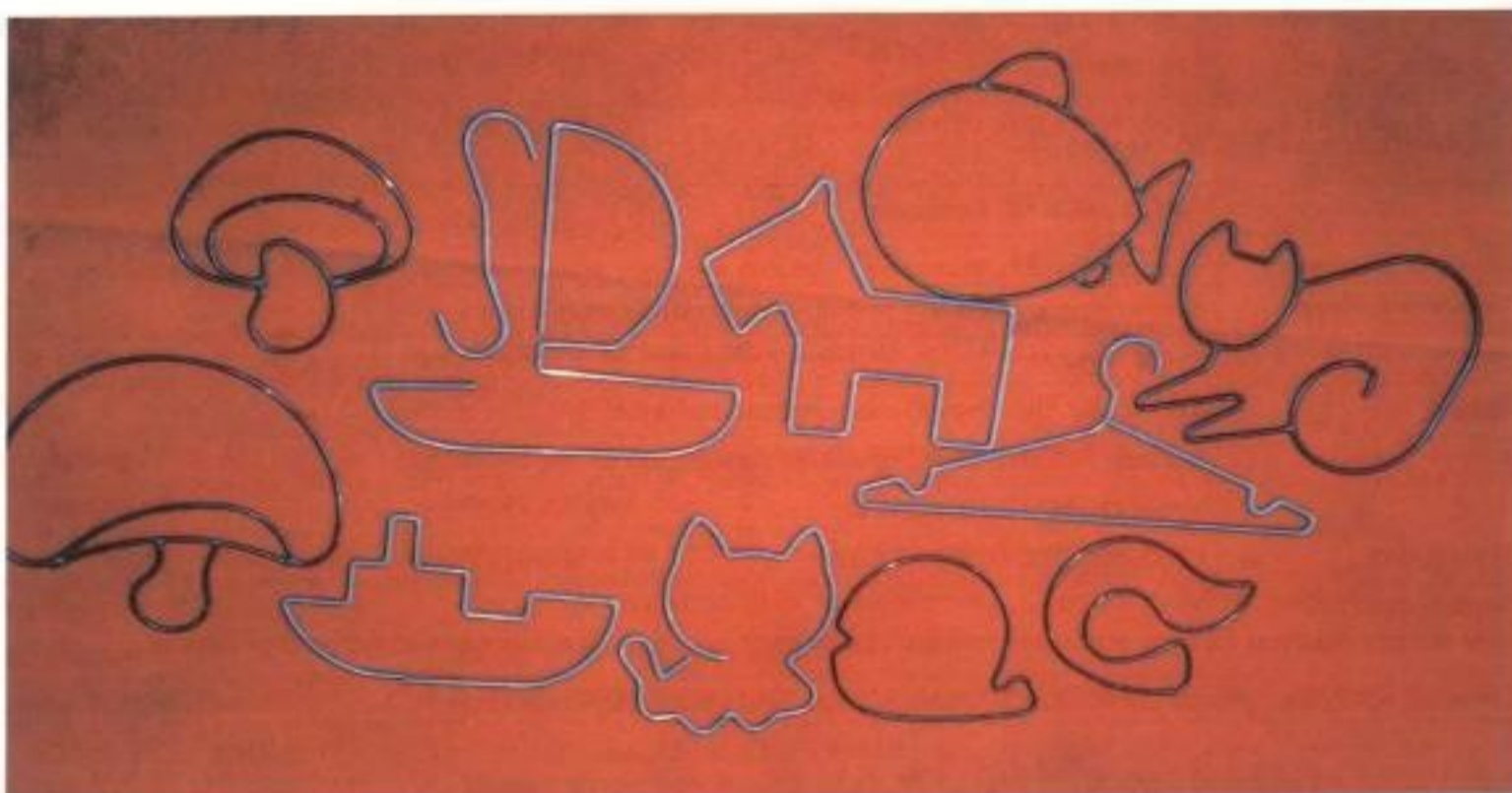
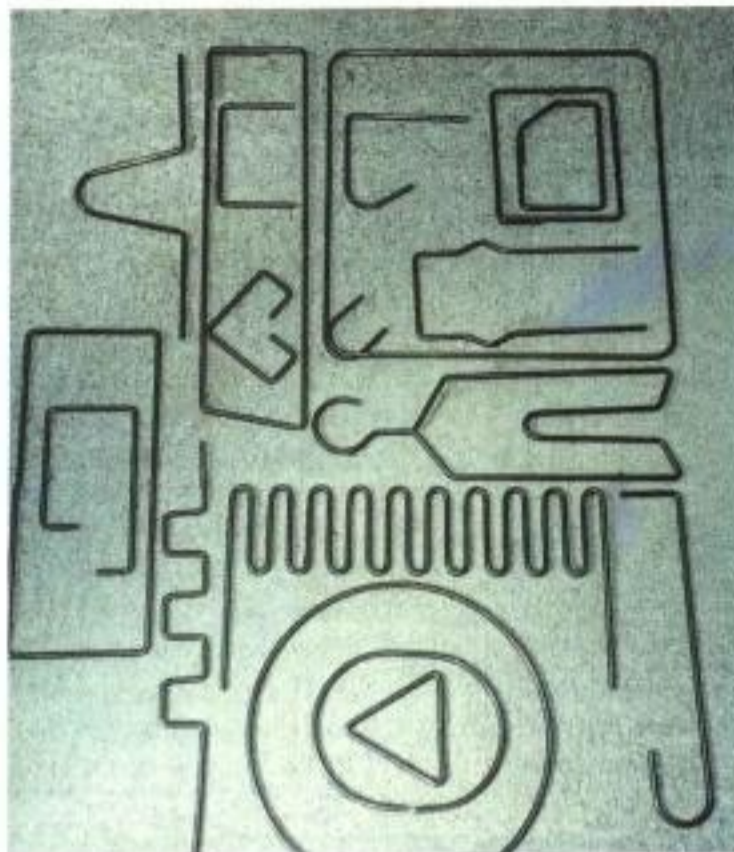
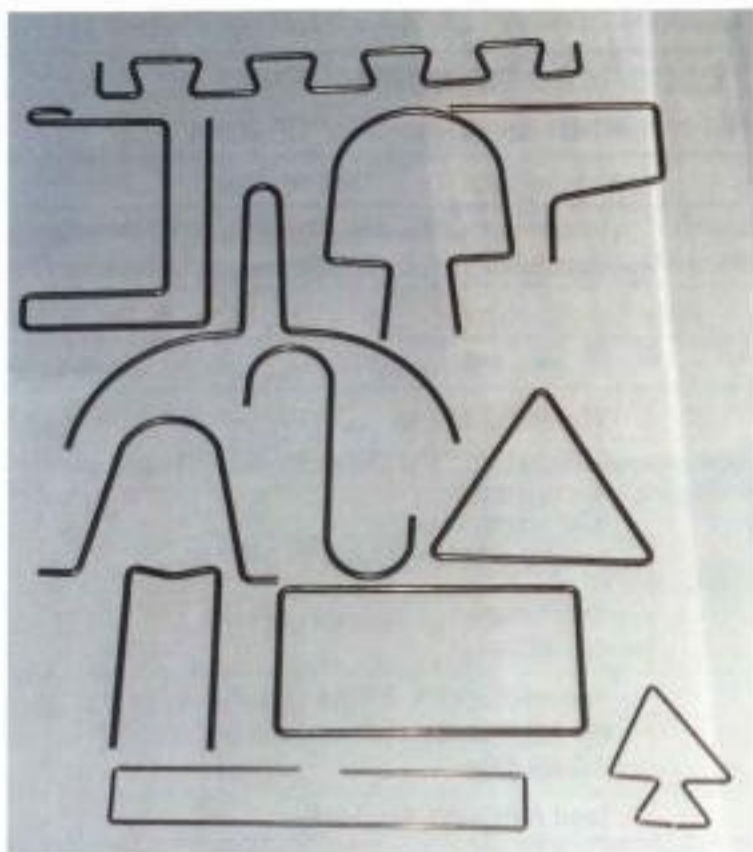
MODEL NUMBER		MODEL TIF-208S (improved version of TIF-208)	MODEL TIF-206H (high speed version of TIF-208S)
description	designation	specifications	
wire material/ diameter range	soft wire(SWM) hard wire(SWO-A, B)	3mm~8mm ϕ (TS 85kgf/mm ² or 834N/mm ²) 2mm~5mm ϕ (TS 150kgf/mm ² or 1,422N/mm ²)	3mm~6mm ϕ (TS 85kgf/mm ² or 834N/mm ²) 2mm~5mm ϕ (TS 150kgf/mm ² or 1,422N/mm ²)
wire feed length		infinite(coiled wire)	
bending angle		$\pm 180^\circ$	
wire forming speed	straight feed	30meters/minute max. ★ minimum setting value = 0.05mm	75meters/minute max. minimum setting value = 0.05mm
	bending speed	240" /sec. max. minimum setting value = 0.01"	480" /sec. max. minimum setting value = 0.01"
forming accuracy	straight feed	± 0.05 mm ★	± 0.05 mm ★
	bending	± 0.05 " ★	± 0.05 " ★
drive motors	straight feed	AC servo motor, 2.0Kw	AC servo motor, 2.0Kw
	bending	AC servo motor, 1.0Kw	AC servo motor, 1.0Kw
	hydraulic unit	AC 0.75Kw	AC 0.75Kw
wire feeding mechanism		feed rolls	feed rolls with encoder
wire straightening mechanism		precision ground square grooved straightening rolls (patented)	precision ground straightening rolls
set up time	same size wire	1 minute	
	other size wire	30 minutes	
digital controller		WACO μ PCX NC controller	
display		9" CRT monitor	
programming		direct command(feeding in mm, bending in degree)	
programming time		5~20 minutes	
program saving/loading		3.5" floppy disc drive(IC memory card optional)	
power capacity		3-phase AC200V($\pm 10\%$) or AC380V($\pm 10\%$), 60 or 50Hz, 8KVA	
control circuit		single phase AC 100V($\pm 10\%$)	
machine weight/dimensions		1,700kgs/2,700×935×1,520mm	1,500kgs/2,060×935×1,520mm

★ Precision straightening feed speed.

★ Figures shown only specify machine forming accuracy. Formed wire product accuracy is subject to varying exterior factors.



PRODUCT SAMPLES



OPTIONAL ATTACHMENTS

- PIN BENDING HEAD(FOR TSF-806S・806H)
- FORMED WIRE END PROCESSING UNIT
(ROUNDING, CHAMFERING, STAMPING, ETC. ... FOR DETAILS SEE SEPARATE BROCHURES)
- AUTOMATIC WIRE PAYOFF(250kg-2,000kg CAPACITY)

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