

STP-25

STP-45

STP-45D



High accuracy lower dwell

Casting iron solid straight side frame

Casting iron 6-surface guide

Cam stops 60 degree at lower dwell with modified sine curve motion cam

Casting iron solid straight side frame
Casting iron 6-surface guide
Cam stops 60 degree at lower dwell
with modified sine curve motion cam



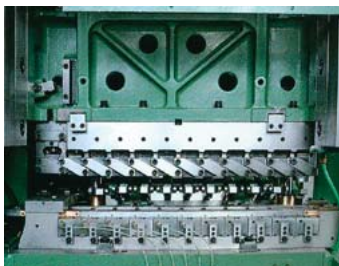
Transfer mechanism

Transfer slide activates credibly by a cam on the side shaft at left hand side.



Straight side frame for high rigidity.

STP is a straight side transfer press with high rigidity, realizing exceptional accuracy at lower dwell



Casting iron slide with 6-surface guide for high rigidity

Slide with 6-surface guide minimizes accuracy variation and improves the workpiece preciseness.

Basic machine specification

Machine model		STP-25	STP-45	STP-45D
Rated capacity	kN	250	450	450
Recommended capacity	kN	160	300	300
Standard ram stroke	mm	52	65	127
Max. ram stroke	mm	77	100	—
Shut height	mm	295	350	410
Main motor	kw	3.7 (4P)	5.5 (4P)	7.5 (4P)
Machine speed	spr	50-200 (Inverter motor)	40-150 (Inverter motor)	40-150 (Inverter motor)
Height x Width x Depth	mm	2,530×2,006×1,390	3,090×2,610×1,810	3,300×2,610×1,810
Machine weight	ton	4.8	10.0	11.0

Die set specification

Machine model		STP-25					STP-45					STP-45D					
Max. draw	mm	20.6					25.4					57.2					
Max. width of material	mm	98					114					114					
Max. feed length of material	mm	76					82					82					
Number of stations	—	8	9	11	13	15	8	9	10	12	14	8	9	10	12	14	
Center distance between stations		mm	77	65	52	45	40	115	102	90	77	65	115	102	90	77	65
Max. blank diameter	Blanking only	mm	50.8	41.3	31.8	25.4	19.1	69.9	63.5	57.2	50.8	38.1	—	—	57.2	50.8	—
	Blanking & Cupping	mm	57.2	57.2	47.6	47.6	38.1	69.9	69.9	69.9	63.5	50.8	—	—	76.2	63.5	—

※Other number of stations is available.

Die set for TP models cannot be used on STP models. (Tooling for TP models can be used on the same size of STP models except #1 cupping punch.)

Standard accessories

- Inverter motor
- Air clutch brake
- Lower knockout mechanism
- Back roll feed mechanism
- Transfer mechanism
- Vertical transfer mechanism
- Automatic lubrication device
- Air valve device
- Operation box and control box
- Box type base (Oil pan)
- Machine lamp
- Outlet for 100V & 200V
- Machine oil reservoir
- Transfer slide support (for STP-45 & STP-45D only)

Special accessories

- Punch stripper & stop relief device
- Front & rear cross motion device / Front or rear cross motion device
- Zig-Zag feeding device
- CNC Zig-Zag feeding device
- Blank holder device
- Thread rolling device
- Oil lubrication device (Drop type)
- Workpiece transfer detecting device
- Vacuum device
- Full cover
- Automatic reel stand and take-up reel or scrap cutter
- Sound insulation cover
- knockout releasing device
- Camless sequence control (with resolver)
- Status indicator light
- Blank feeding device
- Soap water lubrication device
- Trimming device
- Reversing device
- Die cooling device
- Special painting color (Per customer's request)



Asahi-Seiki Manufacturing Co., Ltd.

Head Office

Asahimae-cho, Owariasahi, Aichi, 488-8655 Japan
 TEL 0561-53-3119 FAX 0561-54-2439
 Home page: <http://www.asahiseiki-mfg.co.jp>

Tokyo branch

1-6-3 Yushima, Bunkyo-ku, Tokyo, 113-0034 Japan
 TEL 03-5805-6991 FAX 03-5805-6992

Osaka sales Office

1-13-41 Esaka-cho, Suita, Osaka, 564-0063 Japan
 TEL 06-6368-6251 FAX 06-6368-6252