

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

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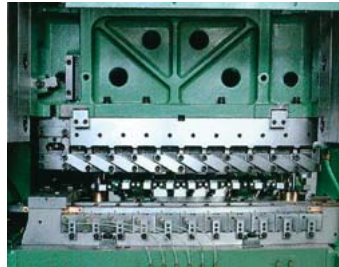
Straight side frame for high rigidity.

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



Transfer mechanism

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



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)



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