

2-Point Straight Side Double Crank Presses



60 . 80 . 125 . 200 . 300 tons

HSD SERIES

2-POINT STRAIGHT-SIDE • DOUBLE-CRANK

The Stamtec HSD series two-point straight side press (a.k.a. double point crank press) is designed for demanding, high-speed applications such as motor lamination stamping. The precision ground alloy steel crankshaft features wide connections closely supported by four bronze main bearings, allowing the HSD double crank press to handle long tools and off-center loading easily. High precision, eight-point roller bearing gibs guide the slide accurately through the entire stroke.

Tonnage Range: 60 - 300

Available [on Request]

- Press Dimensions
- Assembly Drawing



STANDARD Features

- Dynamic balancing device
- 3 digit electronic type preset counter
- 6 digit electronic type total counter
- Hour counter
- Electronic rotary sequencer
- Material lubrication device
- Hydraulic slide adjustment locking device
- Air-driven slide adjustment device with air wrench / HSD-300 by electric motor
- 1/100 mm die height indicator
- Main motor reversing device
- Misfeed detector receptacle
- 3-phase AC motor with speed controller
- Automatically forced recirculating lubrication system with power unit.
- Oil cooler
- Air source receptacle

OPTIONAL Features

- Customer select press controls from Wintriss, Link, Helm (Allen-Bradley), Toledo (Allen-Bradley), Siemens, Mitsubishi, etc.
- Anti-vibration device
- Quick die change system
- Flywheel brake
- DC motor with speed controller
- Sound-proof room
- Double head uncoiler with hydraulic expansion device
- Straightener with S-loop
- Change-gear type, cam index roll feed
- Air ejector

SPECIFICATIONS

MODEL		HSD 60	HSD 80	HSD 125	HSD 200	HSD 300
Capacity	US Tons	66	88	137	220	330
	Metric Tons	60	80	125	200	300
Rated tonnage point	in.	0.125	0.125	0.125	0.125	0.125
	mm	3.2	3.2	3.2	3.2	3.2
Stroke length	in.	1.18	1.18	1.18	1.18	1.18
	mm	30	30	30	30	30
Speed	SPM	200 ~ 550	200 ~ 550	200 ~ 500	150 ~ 350	100 ~ 300
Die height	in.	13.39	14.17	14.96	†15.74	16.54
	mm	340	360	380	400	420
Slide adjustment	in.	1.97	1.97	1.97	2.36	2.76
	mm	50	50	50	60	70
Bolster area (L-R X F-B)	in.	33.47 x 23.62	43.31 x 27.56	51.18 x 31.50	70.86 x 35.43	78.74 x 39.36
	mm	850 x 600	1100 x 700	1300 x 800	1800 x 900	2000 x 1000
Slide area (L-R X F-B)	in.	31.10 x 17.72	39.36 x 19.68	47.24 x 23.62	66.92 x 27.56	78.74 x 35.43
	mm	790 x 450	1,000 x 500	1200 x 600	1700 x 700	2000 x 900
Bed opening (L-R x F-B)	in.	27.56 x 7.87	35.43 x 7.87	43.30 x 8.27	60.43 x 13.78	59.05 x 13.78
	mm	700 x 200	900 x 200	1100 x 210	1535 x 350	1500 x 350
Side frame opening (window) (F-B x H)	in.	11.81 x 11.81	13.78 x 13.78	15.75 x 15.75	17.72 x 17.72	17.72 x 17.72
	mm	300 x 300	350 x 350	400 x 400	450 x 450	450 x 450
Main motor	HP	VS 20	VS 30	VS 40	VS 50	VS 60
Air pressure required	PSI	71.12	71.12	71.12	71.12	71.12
	kg/cm2	5	5	5	5	5

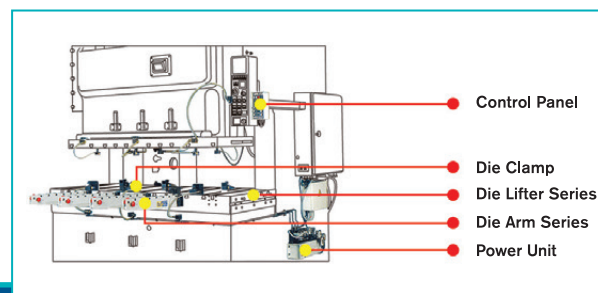
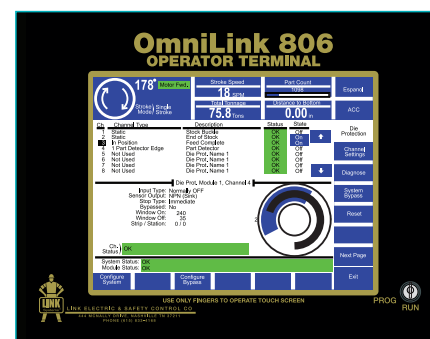
CONTROLS: OmniLink 5100-APC

The OmniLink 5100-APC controls offer a color touch screen, easy-to-use settings and die protection/process monitoring inputs, among a variety of other features. Stamtec presses can be CUSTOMIZED with your choice of press controls.

Q.D.C.: Quick Die Change Systems

Stamtec carries a full line of quick die change components, including hydraulic power units, clamps, lifters, and bolster extensions. Q.D.C. system benefits include:

- Reduced downtime
- Greater productivity
- Longer tool life
- Better part quality
- Increased speed
- Improved employee safety





As one of the largest press builders in the world, Stamtec has been providing dependable, high-performance metal stamping presses for more than 40 years in North America and 70 years worldwide. We also provide fully integrated press production systems including servo coil-feeding lines, transfer systems, quick die change systems, etc. Our 72,000 sq. ft. sales, service, logistics, and assembly facility in Tennessee is home not only to North America's largest inventory of new presses and spare parts, but also our most important asset - our people. Our staff of engineering, sales, service, and support personnel are here to serve you in the most timely and professional manner. Please contact us any time for a free professional consultation about your press production needs. We'd welcome the opportunity to help you!



**Gap Frame
Presses**



**Straight Side
Presses**



**Servo
Presses**



**Forging
Presses**



**Coil Feeding &
Handling Systems**

STAMTEC®

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