

HIGH TORQUE, HIGH RIGIDITY, HIGH PRODUCTIVITY
 BEST FORMABILITY, BEST PROTECTION, BEST SAFETY
 SAVING ENERGY and ENVIRONMENTAL FRIENDLY



Straight Side Direct Drive Servo Press **SD1·SD2** SERIES



Specification

Model		SD1-80	SD1-160	SD1-200	SD1-300
Tonnage Capacity	tonf	80	160	200	300
Stroke Length	mm	180	220	250	300
SPM (No duty)	SPM	~80	~60	~50	~40
Rated Tonnage Point	mm	5	6	6	6
Die Height	mm	330	400	450	550
Slide Adjustment	mm	80	100	110	120
Slide Area	mm x mm	700 x 460	900 x 580	1000 x 670	1150 x 800
Bolster Area	mm x mm	900 x 680	1150 x 760	1300 x 870	1450 x 1050
Bolster Thickness	mm	140	165	180	200
Bolster Top-surface Height	mm	900	940	1020	1040
Slide Adjustment Motor	HP x P	0.5 x 4	1 x 4	1 x 4	2 x 4
Side Opening	mm x mm	680 x 280	760 x 350	870 x 400	1050 x 450
Floor Space Required	mm x mm	2125 x 1800	2556 x 2161	2760 x 2224	3040 x 2425
Total Height	mm	2905	3616	3835	4315
Max Upper Die Weight	kgf	300	500	800	1300
Required Air Pressure	kgf/cm ²	5	5	5	5

Model		SD2-160	SD2-200	SD2-300	SD2-400	SD2-500
Tonnage Capacity	tonf	160	200	300	400	500
Stroke Length	mm	220	250	300	350	350
SPM (No duty)	SPM	~60	~50	~40	~40	~40
Rated Tonnage Point	mm	6	6	6	6	6
Die Height	mm	450	500	600	650	650
Slide Adjustment	mm	100	110	120	130	130
Slide Area	mm x mm	1620 x 580	1900 x 670	2280 x 800	2380 x 1000	2380 x 1100
Bolster Area	mm x mm	1910 x 760	2200 x 870	2580 x 1050	2680 x 1200	2680 x 1300
Bolster Thickness	mm	160	170	200	200	200
Bolster Top-surface Height	mm	950	1000	1150	1250	1250
Slide Adjustment Motor	HP x P	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
Side Opening	mm x mm	760 x 400	870 x 450	1050 x 500	1200 x 550	1300 x 550
Floor Space Required	mm x mm	2730 x 2550	3099 x 2666	3519 x 3276	3620 x 3160	4000 x 3400
Total Height	mm	3560	4036	4700	5030	5300
Max Upper Die Weight	kgf	800	1300	1800	2500	2700
Required Air Pressure	kgf/cm ²	5	5	5	5	5

Standard Attachments

- Servo System
- Safety Brake System
- Electrical Overload Protection
- Tonnage Monitor
- Programmable Motion Curves
- Die Setting Bank (200 Set)
- 10.4 Inch Full-color Touch Panel
- Die Height Adjustment
- Slide Position Adjustment (Handy Pulser)
- Portable Operation Stand
- Misfeed Socket 4 Set (2A,2B)
- Pneumatic Ejector 1 Set
- Air Outlet 1 Set
- Photoelectric Safety Device
- Oil Lubrication System
- Total/Preset/Batch/Maintenance Counter
- Anti Vibration Mounts
- Safety Block
- Die Light Device
- Tool Box

Optional Attachments

- Pneumatic Die Cushion
- Hydraulic Die Cushion
- Quick Die Change System
- Lamp Socket (1A)
- Rear Safety Guard
- NC Die Cushion (Available in 2013)

Worldwide Sales



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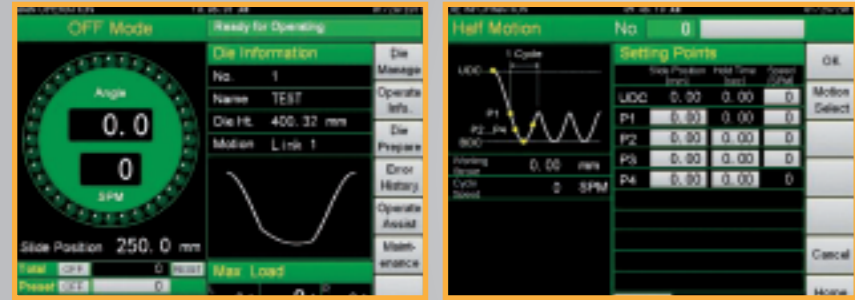
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HD Video

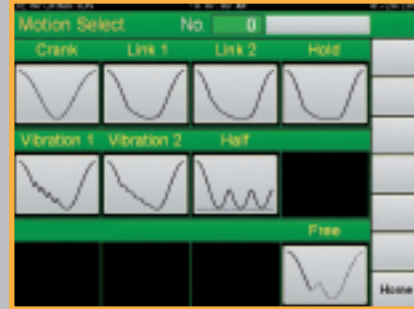


01 | User-friendly Interface

10.4 inch full-color touch panel



Simply programmable control



Operation stand with handwheel

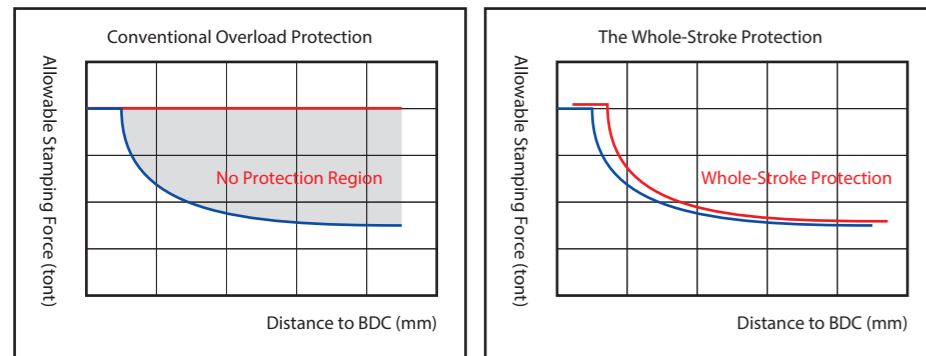


02 | Safety Design

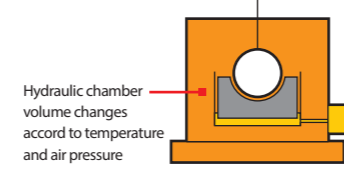
- Mechanical safety brake
- Load monitor
- Electrical overload protector (Patent pending)



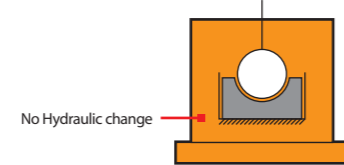
The whole stroke overload protection



Slide with HOLF, at BDC is unstable



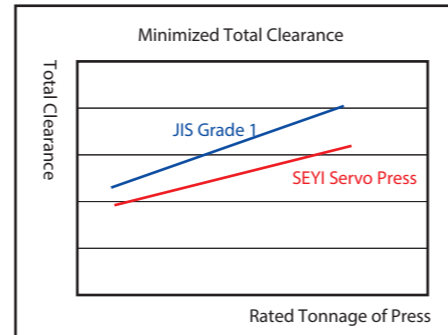
Slide with EOLP BDC accuracy is better



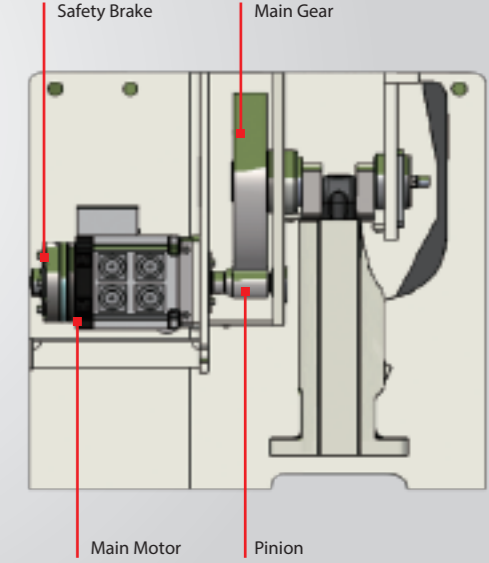
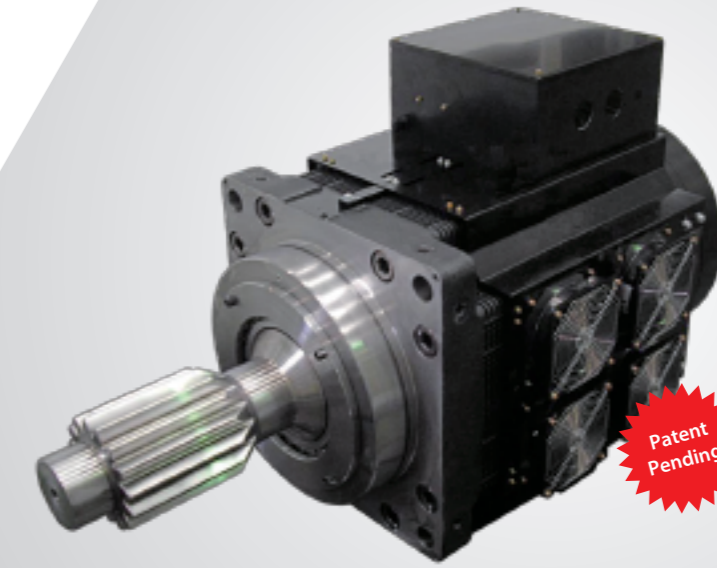
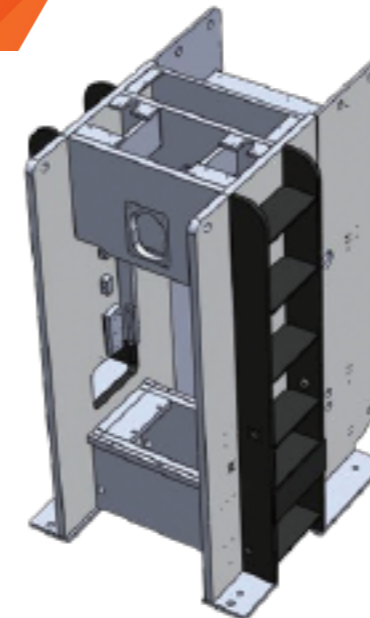
03 | Ribbed Press Structure



Recirculating Lubrication System



- High strength ribbed structure
- High rigidity, high precision
- Minimized total clearance
- Recirculating oil lubrication



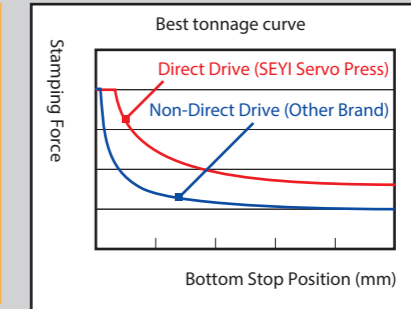
04 | Direct-Drive

Pinion designed on the driving shaft of servo motor

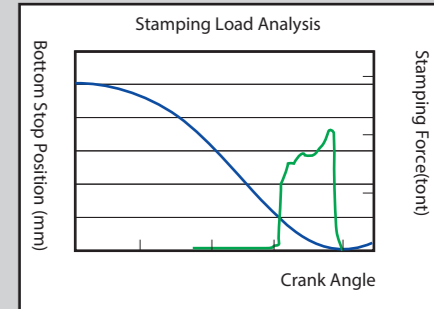
05 | Best Forming Capability



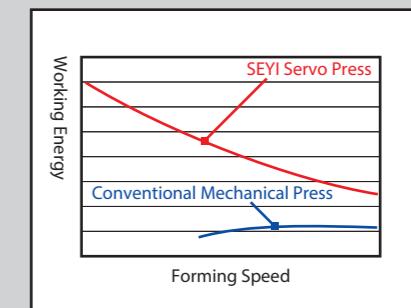
7 Pre-programmed profiles plus one freeform motion. Servo die-cushion (optional) is designed in the servo system controller.



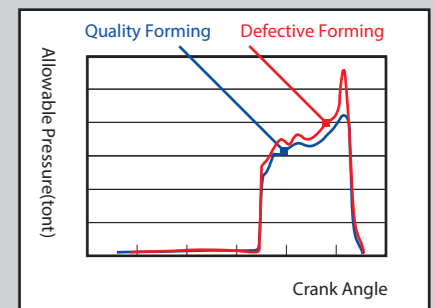
Best tonnage curve



Forming load analysis (Optional). Data can be exported to PC for further analysis and records.



Best energy supply for forming SD1-200—
 - Instant Maximum energy output: 350KJ/30SPM
 - Continuous rating energy output: 25KJ/70KJ(Standard/Optional)



Die protection & forming load management (Optional)
 Parts quality decision (Optional)