



Straight Side Mechanical Press

SNS2 • SLS2 series

SNS2-160~500 tons • SLS2-160~500 tons





SNS2 series

Straight Side Mechanical Press

- >>> The symmetrical front-rear column structure design minimizes deflection and is most suitable for precision progressive die applications.
- >>> Zero angle deflection of frame and cost effective in tooling maintenance work.
- >>> High rigidity structure ensures consistent dynamic precision.
- >>> SEYI patented high-torque wet clutch and brake system provides low noise, long life operation with minimal maintenance.
- >>> User friendly, multi-function control system allows for easy integration of auxiliary equipment and automation.
- >>> Design to allow simple integration with automated auxiliary equipments.

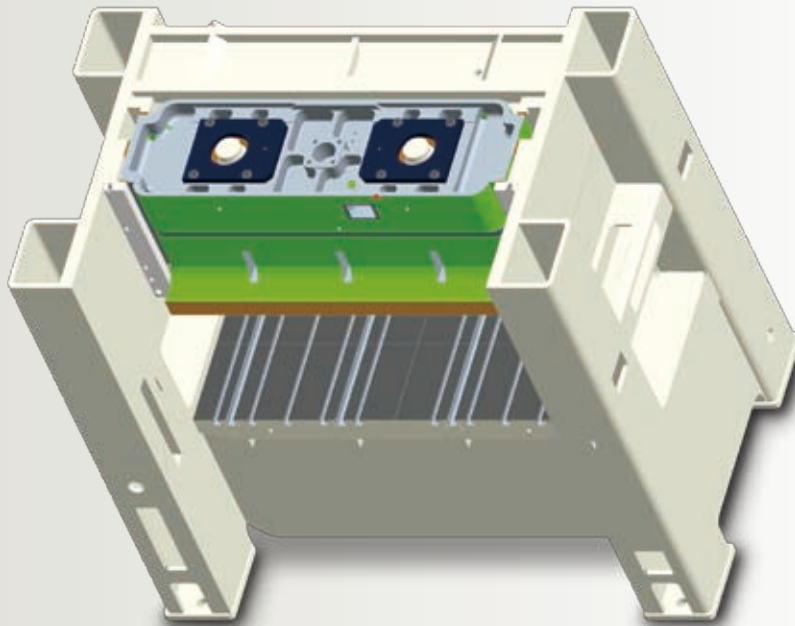
SLS2 series

Straight Side Mechanical Press

- >>> The symmetrical front-rear column structure design minimizes deflection and is most suitable for precision.
- >>> Zero angle deflection of frame and cost effective in tooling maintenance work.
- >>> High rigidity structure ensures consistent dynamic precision.
- >>> User friendly safety operation with multi-functional control system application.
- >>> So easy to operate and applicable to integrate with various type of press ancillary equipment.
- >>> Combined wet clutch brake unit with high torque requires minimal maintenance, eliminates noise and pollution caused by airborne particles, and significantly extends lining life.
- >>> Increasing part quality by minimizing spring-back during forming.
- >>> Fast approaching/return speeds with reduced slide velocity during the working portion of the stroke, minimizing vibration and noise while extending tooling life.

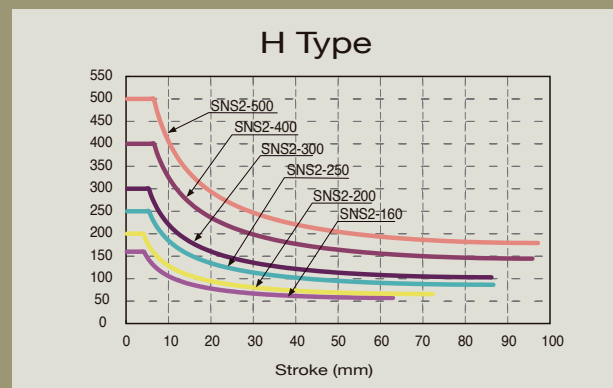
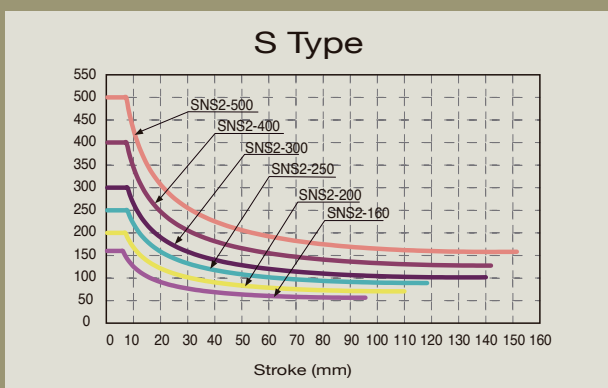


Endurance of bias loading in the center of slider guide

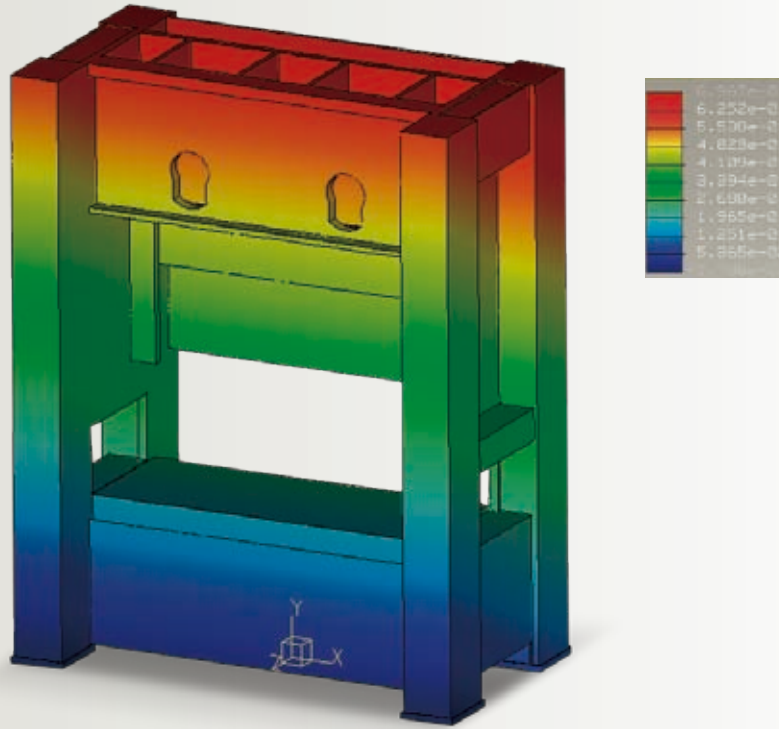


The guide in front and rear side is larger, the intensity promotes to double of C type. Highly-precise guide could maintain dynamic precision, which is located at the center line of the slide and especially suitable for highly-precise pressing application.

SNS2 Stroke & Pressure Curve

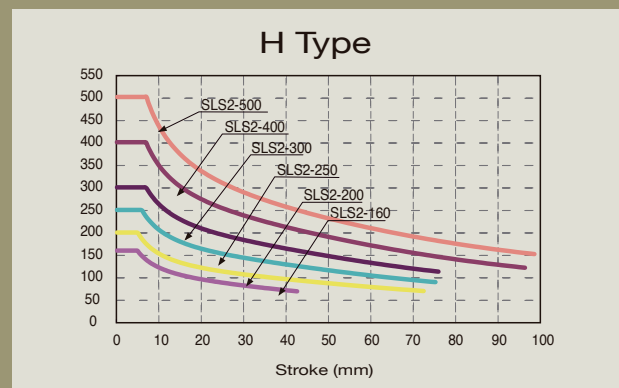
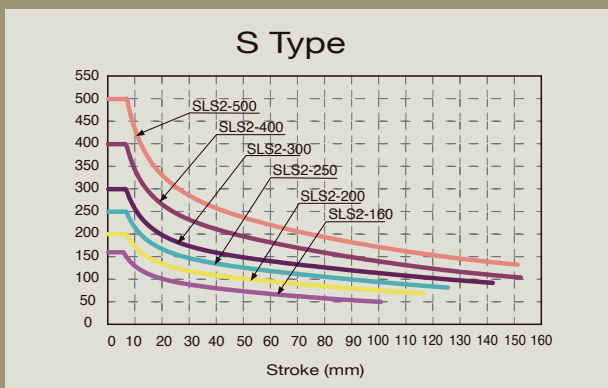


High Rigidity Structure



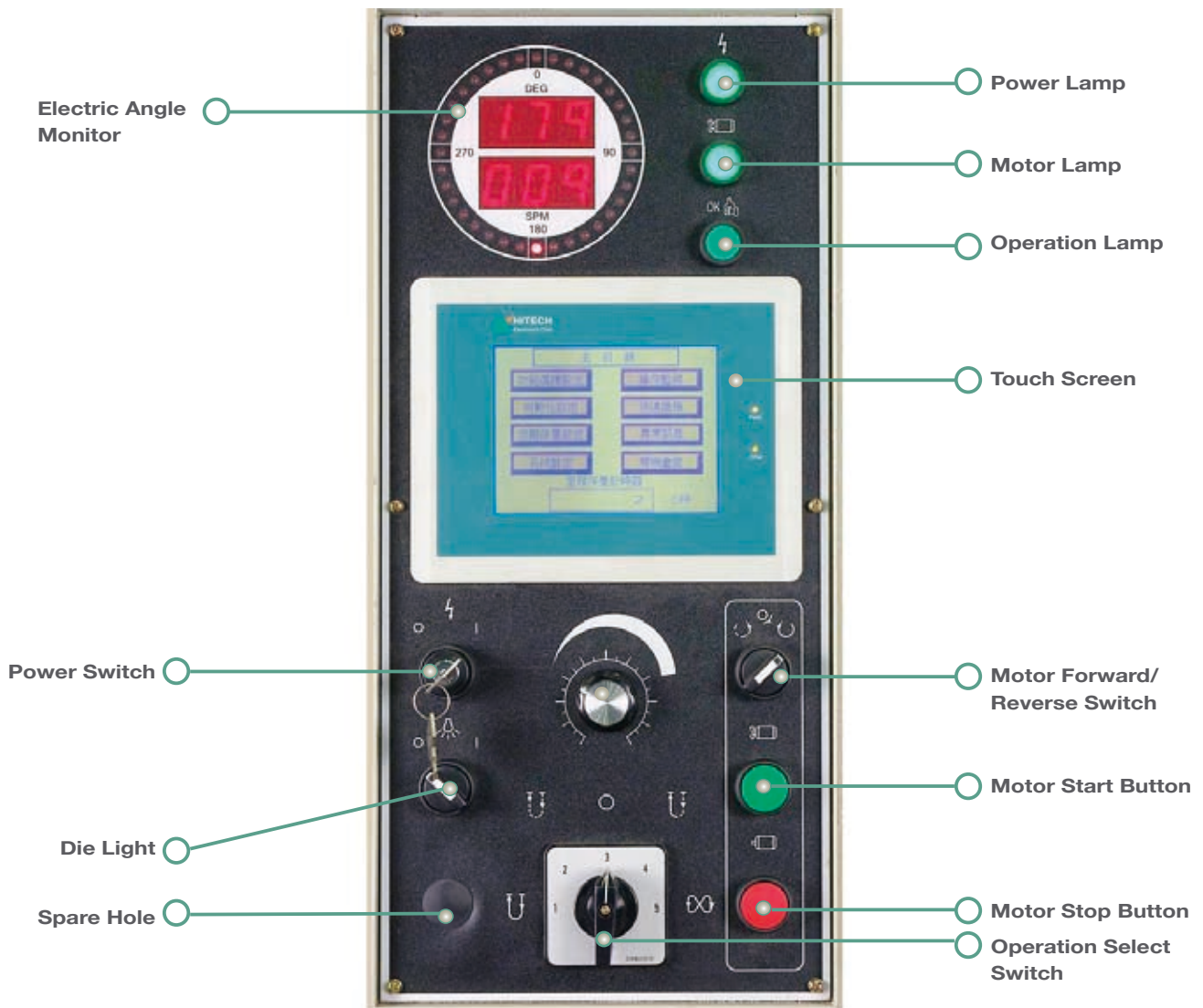
1. Rigid frame designed, without further tilting inclination comparing to conventional C frame presses.
2. Main frame rigidity structure is higher than C type, eliminates noise and pollution caused by pressing operations, and is suitable for continuous mode of operation.

SLS2 Stroke & Pressure Curve





PPC-9000

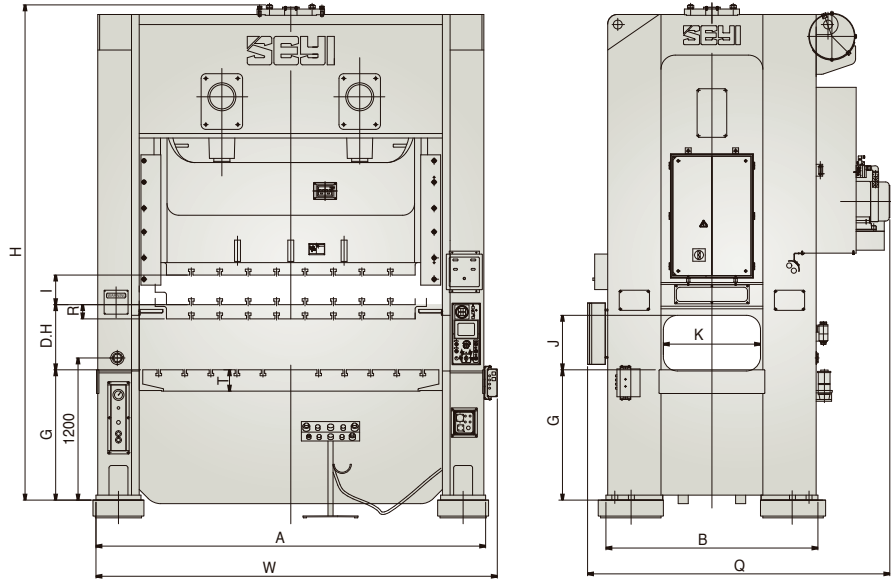


User-Friendly

- >>> With touchscreen, panel monitor, easy access operation.
- >>> Monitor display abnormal condition, easy detection.
- >>> Easy access functional operation, applicable for functional upgrade as duly designed on the interface.
- >>> Auto-tune function, more precise.
- >>> Human-machine-interface touchscreen, able to select functional application as per customer needs.



SNS2 Layout Drawing



SNS2 Specifications

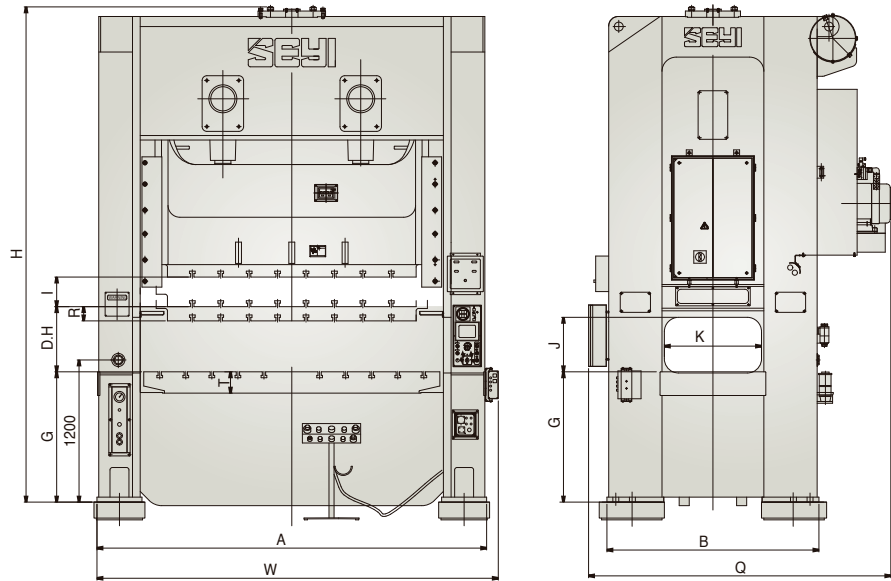
Model	SNS2-160		SNS2-200		SNS2-250		SNS2-300		SNS2-400		SNS2-500		
	S	H	S	H	S	H	S	H	S	H	S	H	
Capacity	tf 160		200		250		300		400		500		
Stroke Length	(l)mm 200 130		230 150		250 180		280 180		300 200		300 200		
Stroke Per Minute	S.P.M. 30-55 40-85		25-45 35-70		22-40 30-60		20-35 25-50		20-40 25-50		20~40 25~50		
Rated Tonnage Point	mm 6 4		7 4		7 5		7 5		7 6		7 6		
Die Height	(D.H)mm 450 400		500 450		550 450		550 450		600 450		600 450		
Slide Adjustment	(R)mm 100		100		120		120		120		120		
Slide Area	(LRxFR)mm	1560x650	1850x750	1	2200x820	1	2200x900	1	2200x1000	1	2200x1100	1	2200x1100
				2	2500x820	2	2500x900	2	2500x1000	2	2500x1100	2	2500x1100
Diameter of Shank Hole	mm	ø51x3holes	ø51x3holes	ø51x3holes		ø51x 3 holes		ø51x3holes		ø51x3holes			
				1	2500x920	1	2500x1000	1	2500x1100	1	2500x1200		
Bolster Area	(LRxFR)mm	1850x760	2200x840	2	2800x920	2	2800x1000	2	2800x1100	2	2800x1200		
				3	3100x1000	3	3100x1100	3	3100x1200	3	3100x1200		
Bolster Thickness	(T)mm	160	170	180		200		200		200			
				1	1100	1, 2	1150	1250		1250			
Bolster Height (w/o Mounts)	(G)mm	950	1000	2	1150	3, 4	1250	1250		1250			
				30x4		40x4		50x4		60x4			
Main Motor	HP x P	20x4	25x4	30x4		40x4		50x4		60x4			
Slide Adjustment Motor	HP x P	2x4	2x4	2x4		2x4		2x4		2x4			
Window Opening	(K)mm	660	740	820		900		1000		1100			
Window Opening	(J)mm	400 320	450 350	460	350	500	350	550	400	550	400		
Foot Size	(AxB)mm	2600x1430	2930x1650	1	3290x1790	1	3390x1870	1	3410x2070	1	3670x2170		
				2	3690x1790	2	3690x1870	2	3710x2070	2	3970x2170		
Required Floor Space	(WxQ)mm	2705x2345	3045x2490	3	4000x1870	3	4010x2070	3	4010x2070	3	4050x2170		
				4	4300x1870	4	4310x2070	4	4350x2170	4	4350x2170		
Press Height (w/o Mounts)	(H)mm	3510 3450	3885 3830	1	3390x2555	1	3490x2665	1	3545x2955	1	3800x3210		
				2	3790x2555	2	3790x2665	2	3845x2955	2	4100x3210		
Upper Die Weight	kgf	1400	2000	3	4100x2715	3	4145x2955	3	4180x3210	3	4180x3210		
				4	4400x2715	4	4445x2955	4	4480x3210	4	4480x3210		
Air Pressure Required	kgf/cm ²	6	6	1	4180 1 4050	1, 2	4505 1, 2 4355	1, 2	4820 1, 2 4565	1, 2	5020 1, 2 4770		
				2	4230 2 4100	3, 4	4620 3, 4 4470	3, 4	4865 3, 4 4715	3, 4	5020 3, 4 4770		
Die Cushion Area	(LRxFR)mm	560x370x2	700x450x2	1	2200	1, 2	2800	1, 2	3000	3200			
				2	2500	3, 4	3000	3, 4	3200	3400			

Die Cushion (Option)

Capacity	tf	8x2	—	10x2	—	14x2	—	14x2	—	14x2	—	14x2	—
Stroke Length	mm	110	—	130	—	140	—	140	—	140	—	140	—
Die Cushion Area	(LRxFR)mm	560x370x2		700x450x2		700x450x2		700x450x2		700x450x2		700x450x2	

※ Materials and specifications are subject to change without notice.

SLS2 Layout Drawing



SLS2 Specifications

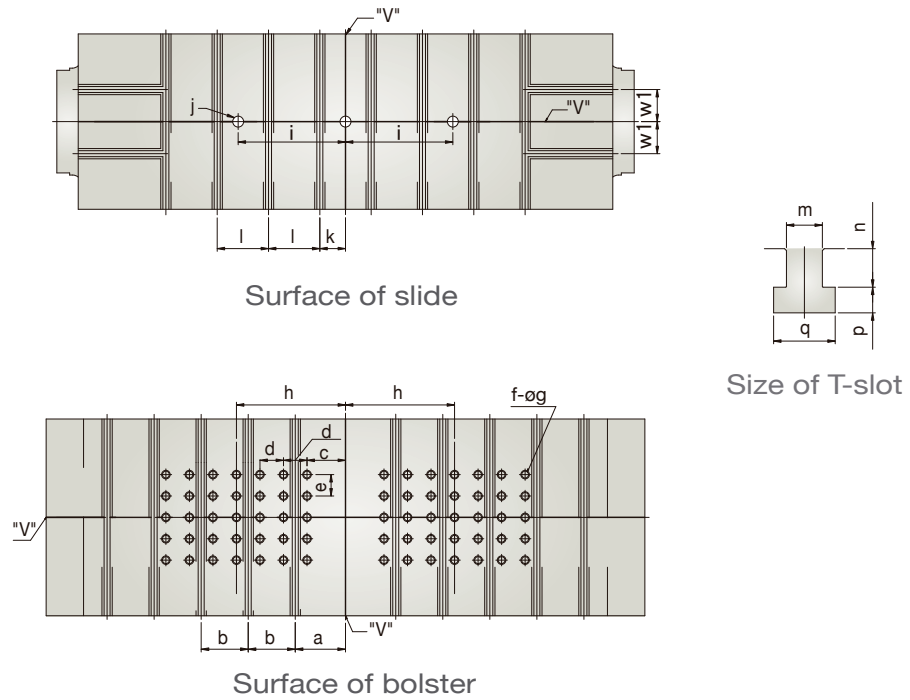
Moedl Type	SLS2-160		SLS2-200		SLS2-250		SLS2-300		SLS2-400		SLS2-500																																	
	S	H	S	H	S	H	S	H	S	H	S	H																																
Capacity	tf		160		200		250		300		400		500																															
Stroke Length	(l)mm		200	130	230	150	250	150	280	150	300	200	300	200																														
Stroke Per Minute	S.P.M.		30-55	40-85	25-45	35-70	22-40	30-55	20-35	25-45	15-30	25-40	15~30	25~40																														
Rated Tonnage Point	mm		6	5	7	5	7	6	7	7	7	7	7	7																														
Die Height	(D.H)mm		450	400	500	450	550	450	550	450	600	450	600	450																														
Slide Adjustment	(R)mm		100		100		120		120		120		120																															
Slide Area	(LRxFR)mm	1560x650	1850x750	1	2200x820	1	2200x900	1	2200x1000	1	2200x1100	1	2200x1100	2	2500x1100																													
																2	2500x820	3	2800x900	3	2800x1000	3	2800x1100																					
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Diameter of Shank Hole	mm	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes	ø51x3holes																													
																Bolster Area	(LRxFR)mm	1850x760	2200x840	1	2500x920	1	2500x1000	1	2500x1100	1	2500x1200	1	2500x1200															
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Bolster Thickness	(T)mm	160	170	180	200	200	200	200	200	200	200	200	200																															
														Bolster Height (w/o Mounts)	(G)mm	950	1000	1	1100	1, 2	1150	1250	1250																					
Main Motor	HP x P	20x4	25x4	30x4	40x4	50x4	60x4																																					
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Window Opening	(K)mm	660	740	820	900	1000	1100																																					
								Window Opening	(J)mm	400	320	450	350	500	350	550	400	550	400																									
Foot Size	(AxB)mm	2600x1560	2930x1650	1	3290x1850	1	3390x1930													1	3410x2070	1	3670x2170	1	3670x2170																			
								2	3690x1850	3	4000x1930	3	4010x2070	3	4050x2170																													
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Required Floor Space	(WxQ)mm	2705x2405	3045x2495	1	3390x2695	1	3490x2780	1	3545x3160	1	3800x3265	1	3800x3265																															
														2	3790x2695	2	3790x2780	2	3845x3160	2	4100x3265																							
																						3	4100x2805	3	4145x3160	3	4180x3265																	
																												4	4400x2805	4	4445x3160	4	4480x3265											
Press Height (w/o Mounts)	(H)mm	3700	3640	4025	3965	1	4285	1	4150	1, 2	4505	1, 2	4355	1, 2	4910	1, 2	4770	1, 2	5105	1, 2	4955																							
																						2	4335	2	4370	3, 4	4765	3, 4	4665	3, 4	4990	3, 4	4840	3, 4	5175	3, 4	5025							
																																						1	2200	1,2	2800	1,2	3000	3200
Air Pressure Required	Kgf/cm ²	6	6	6	6	6	6	6	6	6	6																																	

Die Cushion (Option)

Capacity	Tons	8x2	—	10x2	—	14x2	—	14x2	—	14x2	—	14x2	—
Stroke Length	mm	110	—	130	—	140	—	140	—	140	—	140	—
Die Cushion Area	(LRxFR)mm	560x370x2		700x450x2		700x450x2		700x450x2		700x450x2		700x450x2	

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SNS2/ SLS2 Dimensions of slide & bolster



Model	SNS2-160		SNS2-200		SNS2-250		SNS2-300		SNS2-400		SNS2-500	
	SLS2-160		SLS2-200		SLS2-250		SLS2-300		SLS2-400		SLS2-500	
Type	S	H	S	H	S	H	S	H	S	H	S	H
a	200		215		235		235		235		235	
b	200		220		220		220		220		220	
c	150		160		180		1, 2	180	1, 2	180	1, 2	180
							3, 4	400	3, 4	400	3, 4	400
d	100		110		110		110		110		110	
e	100		100		100		100		100		100	
f (R.LxF.B)	6x4x2		7x5x2		7x5x2		7x5x2		7x5x2		7x5x2	
g	ø32		ø32		ø32		ø32		ø32		ø32	
h	400		490		510		1, 2	510	1, 2	510	1, 2	510
							3, 4	730	3, 4	730	3, 4	730
i	400		450		450		1, 2	450	1, 2	582	1, 2	679
							3, 4	900	3, 4	900	3, 4	
j	ø51 H7		ø51 H7		ø51 H7		ø51 H7		ø51 H7		ø51 H7	
k	200		110		120		120		120		120	
l	200		220		240		240		240		240	
m	28		28		28		28		28		28	
n	30		30		30		30		30		30	
p	20		20		20		20		20		20	
q	48		48		48		48		48		48	
w1	125		140		150		150		150		150	

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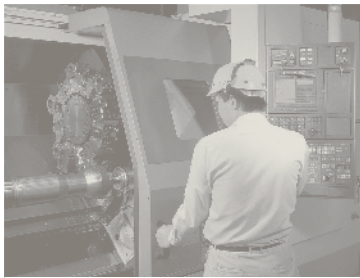
General Attachment

1. Main Motor with Inverter
2. Combination Wet Clutch / Brake
3. Hydraulic Overload Protection
4. PPC 9000 Control System
 - Digital monitor with crank angle / S.P.M.
 - Touch panel display with press running / error message
5. Motorized Slide Adjusting Device
6. Automatic Grease Lubrication System
7. Counter Balancer
8. Counter Balancer Manual Oiler
9. Die Height Indicator
(Scale unit: 0.1mm)
10. Programmable Cam Switch
11. Portable Operation Stand
12. Antirepeat Safety Device
13. Main Motor FWD./REV. Controller
14. Total Counter - 1 Set
15. Preset Counter - 1 Set
16. Maintenance Counter - 1 Set
17. Spare CAM 8 - Sets
18. Misfeed Detector Socket - 4 Sets
(2A, 2B)
19. Air Ejector - 1 Set
20. Air Outlet - 1 Set
21. Maintenance Tools Box

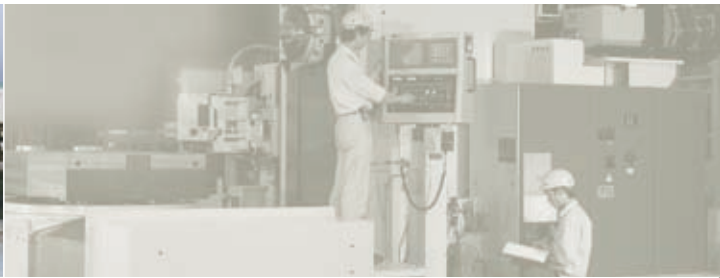
Optional Attachments

1. Photoelectric Safety Device
2. Anti-vibration Mounts
3. Tonnage Monitor
4. Safety Block
5. Die Lighting Device
6. Lamp Socket (1A)
7. Foot Switch
8. Booster
9. Flywheel Brake
10. Pneumatic Die Cushion
11. Bottom Stop Socket
12. Knockout Device
13. Adjustable Single Shot Oiler
14. Quick Die Change Device (Q.D.C.)

Top Development ■ Pressing Ahead



China Factory



Headquarters



Los Angeles



Tennessee



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