



STRAIGHT SIDE DOUBLE CRANK PRESSES

SNS2 • SLS2 series

SNS2-160~400 tons • SLS2-160~400 tons





SNS2 series

STRAIGHT SIDE DOUBLE CRANK PRESSES

- >>> 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.

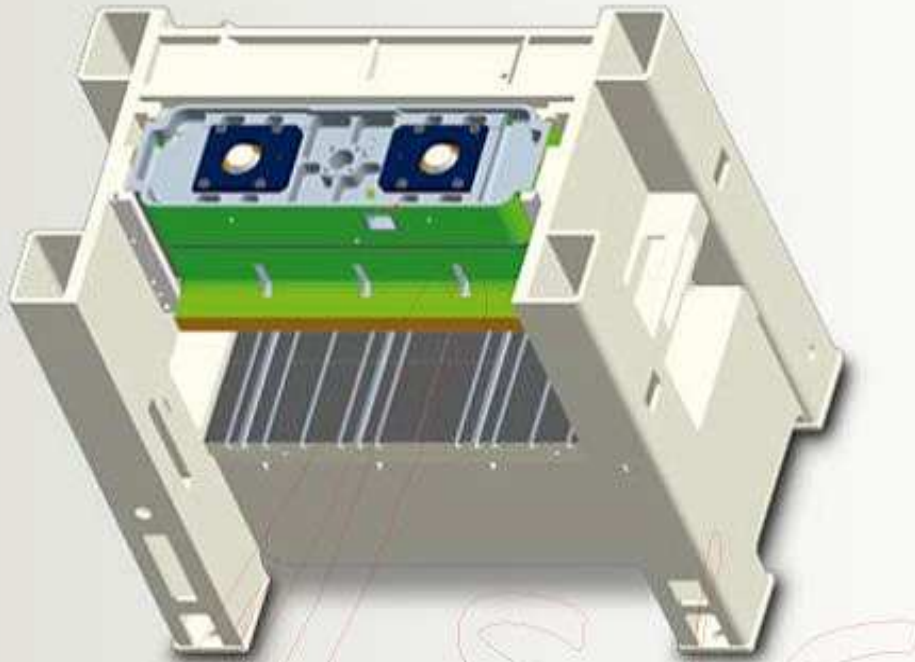
SLS2 *series*

STRAIGHT SIDE DOUBLE CRANK PRESSES

- >>> 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.

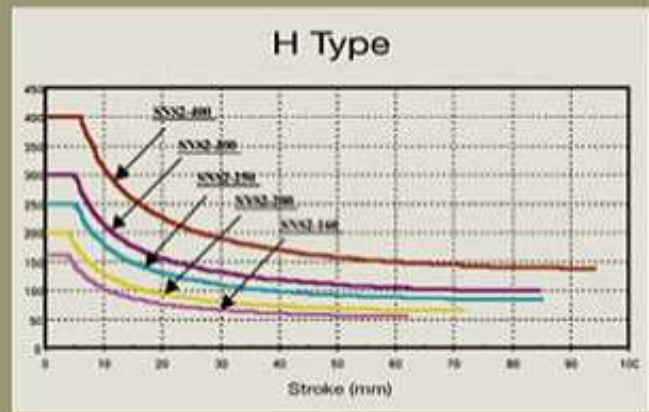
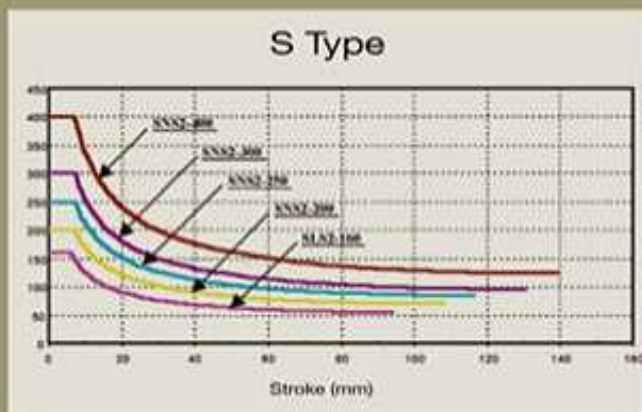


Endurance of bias loading in the center of slider guide

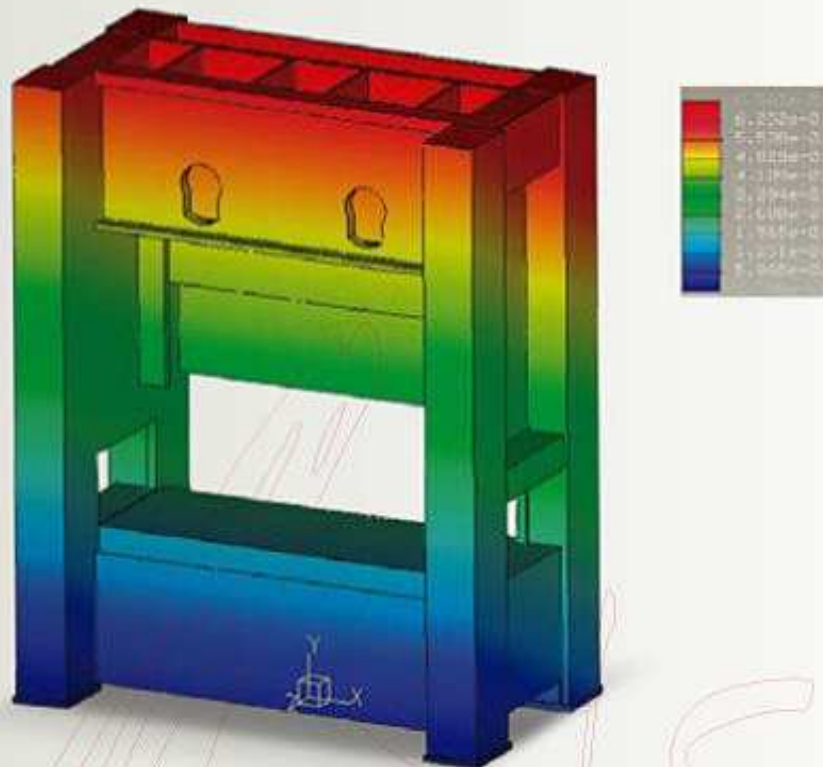


The guide in front and rear side is larger, the intensity promotes to double of C type. Highly-precise guide could maintain dynamic precision, which is located at the center line of the slide and especially suitable for highly-precise pressing application.

SNS2 Stroke & Pressure Curve

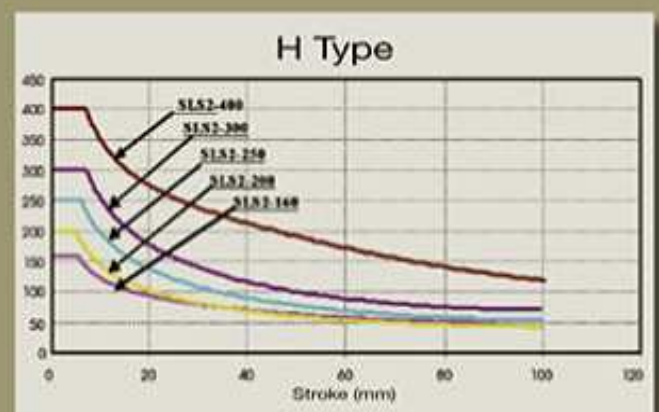
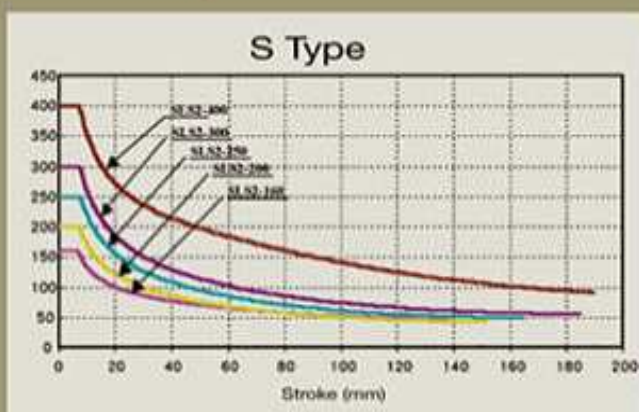


High Rigidity Structure



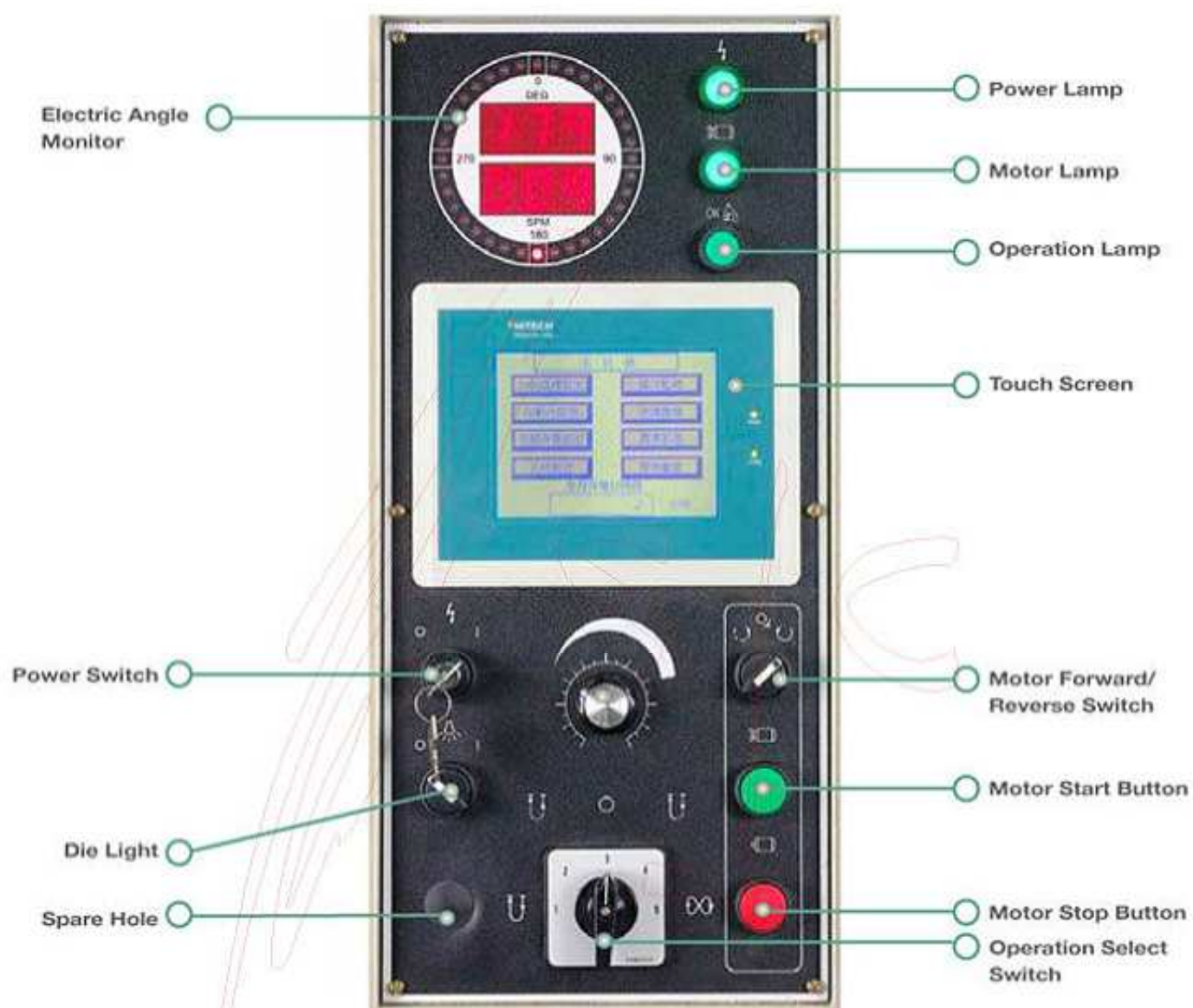
1. Rigid frame designed, without further tilting inclination comparing to conventional C frame presses.
2. Main frame rigidity structure is higher than C type, eliminates noise and pollution caused by pressing operations, and is suitable for continuous mode of operation.

SLS2 Stroke & Pressure Curve





PPC-9000

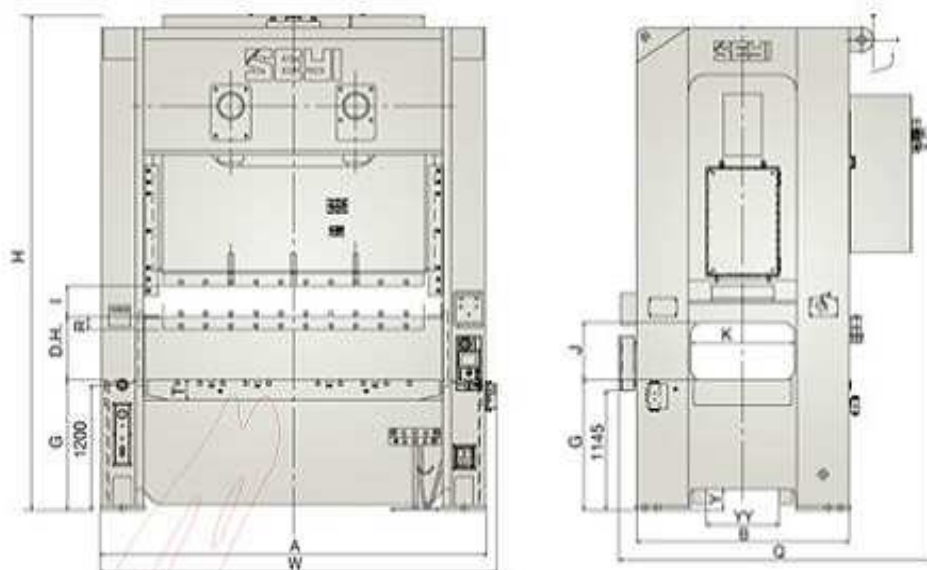


User-Friendly

- >>> 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



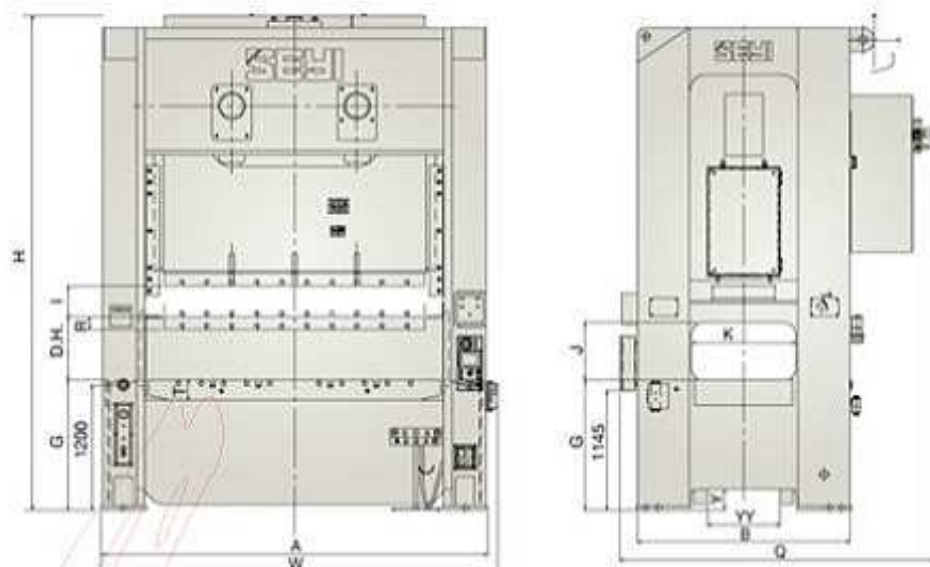
SNS2 Specifications

		SNS2-160		SNS2-200		SNS2-250		SNS2-300		SNS2-400	
		S	H	S	H	S	H	S	H	S	H
Capacity	tf	160		200		250		300		400	
Stroke	(I)mm	200	130	230	150	250	180	280	180	300	200
Stroke Per Minute	S.P.M.	30-55	40-85	25-45	35-70	22-40	30-60	20-35	25-50	15-30	25-50
Tonnage Rating Point	mm	6	4	7	4	7	5	7	5	7	6
Die Height	(D.H)mm	450	400	500	450	550	450	550	450	600	450
Adjustment of Slide	(R)mm	100		100		120		120		120	
Area of Slide	(LRxFR)mm	1560x650		1850x750		1	2100x820	1	2100x900	1	2200x1000
						2	2500x820	2	2400x900	2	2500x1000
Diameter of Shank Hole	mm	ø51x3holes		ø51x3holes		ø51x3holes		ø51x 3 holes		ø51x3holes	
								3	2800x900	3	2800x1000
Area of Bolster	(LRxFR)mm	1850x760		2200x840		1	2500x920	1	2500x1000	1	2500x1100
						2	2800x920	2	2800x1000	2	2800x1100
Thickness of Bolster	(T)mm	160		170		180		200		200	
Height of Bolster	(G)mm	950		1000		1	1100	1, 2	1150	1250	
						2	1150	3, 4	1250		
Main Motor	HP x P	20x4		25x4		30x4		40x4		50x4	
Slide Adjustment Motor	HP x P	2x4		2x4		2x4		2x4		2x4	
Window Opening	(K)mm	660		740		820		900		1000	
Window Opening	(J)mm	400	320	450	350	460	350	500	350	550	400
Foot Dimension	(AxB)mm	2600x1430		2930x1650		1	3290x1790	1	3390x1870	1	3410x2070
						2	3690x1790	2	3690x1870	2	3710x2070
Floor Space Required	(WxQ)mm	2695x2342		3025x2491		1	3390x2552	1	3485x2664	1	3505x2950
						2	3790x2552	2	3785x2664	2	3805x2950
Overall Height	(H)mm	3505	3445	3884	3790	1	4181	1	4046	1, 2	4500
						2	4231	2	4096	3, 4	4570
Blancer Capacity	kgf	850		1350		1	1550	2000		2000	
						2	1100				
Air Pressure	kgf/cm	5		5		5		5		5	

Die Cushion (Option)

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

SLS2 Layout Drawing



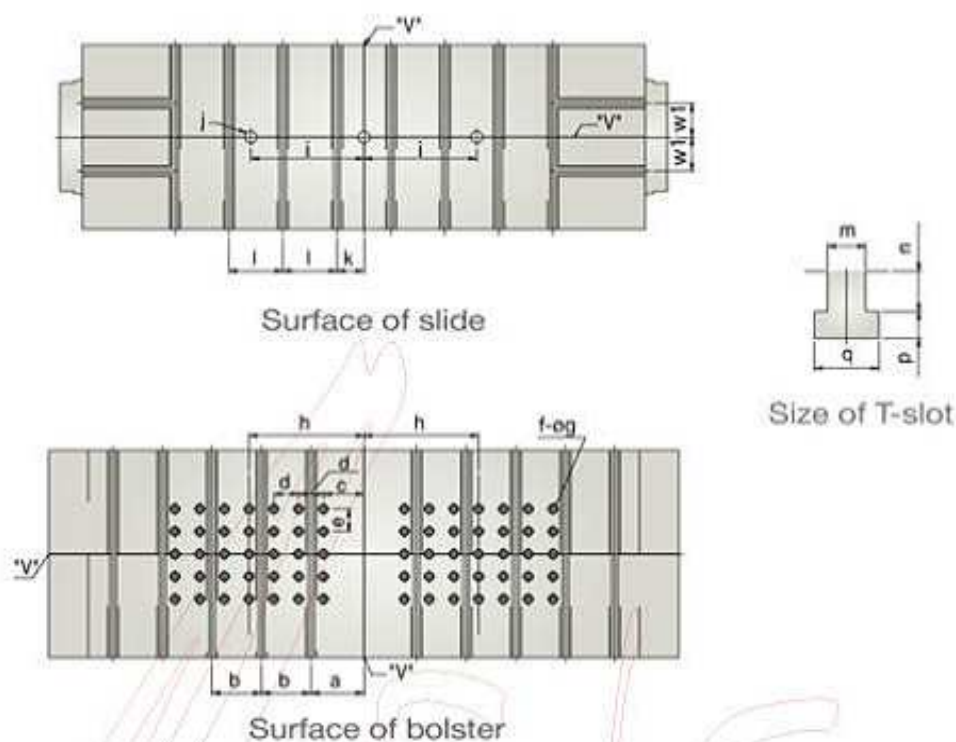
SLS2 Specifications

		SLS2-160		SLS2-200		SLS2-250		SLS2-300		SLS2-400	
		S	H	S	H	S	H	S	H	S	H
Capacity	tf	160		200		250		300		400	
Stroke	(l)mm	200	130	230	150	250	150	280	150	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
Tonnage Rating Point	mm	6	5	7	5	7	6	7	7	7	7
Die Height	(D.H)mm	450	400	500	450	550	450	550	450	600	450
Adjustment of Slide	(R)mm	100		100		120		120		120	
Area of Slide	(LRxFR)mm	1560x650		1850x750		1	2100x820	1	2100x900	1	2200x1000
						2	2500x820	2	2400x900	2	2500x1000
Diameter of Shank Hole	mm	ø51x3holes		ø51x3holes		ø51x3holes		ø51x3holes		ø51x3holes	
Area of Bolster	(LRxFR)mm	1850x760		2200x840		1	2500x920	1	2500x1000	1	2500x1100
						2	2800x920	2	2800x1000	2	2800x1100
Thickness of Bolster	(T)mm	160		170		180		200		200	
Height of Bolster	(G)mm	950		1000		1	1100	1, 2	1150	1250	
						2	1150	3, 4	1250		
Main Motor	HP x P	20x4		25x4		30x4		40x4		50x4	
Slide Adjustment Motor	HP x P	2x4		2x4		2x4		2x4		2x4	
Window Opening	(K)mm	660		740		820		900		1000	
Window Opening	(J)mm	400	320	450	350	460	350	500	350	550	400
Foot Dimension	(AxB)mm	2600x1560		2930x1650		1	3290x1850	1	3390x1930	1	3410x2070
						2	3690x1850	2	3690x1930	2	3710x2070
Floor Space Required	(WxQ)mm	2695x2357		3025x2370		3	4000x1930	3	4000x1930	3	4010x2070
						4	4300x1930	4	4300x1930	4	4310x2070
Overall Height	(H)mm	3730		3680		1	4370	1	4270	1, 2	4845
						2	4420	2	4320	3, 4	4845
Blancer Capacity	kgf	850		1350		1	1550	2000		2000	
						2	1100				
Air Pressure	Kgf/cm	5		5		5		5		5	

Die Cushion (Option)

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

SNS2/ SLS2 Dimensions of slide & bolster



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

※ Materials and specifications are subject to change without notice.



Standard Attachments

1. Variable frequency drive
2. Wet clutch and brake unit
3. Hydraulic overload protection system
4. Motorized slide adjustment
5. Automatic grease lubrication system
6. Air counter balance cylinder manual oiler
7. Air counter balance system
8. Die height indicator
(scale unit : 0.1mm)
9. Programmable limit switch
10. Overrun protection
11. Forward/Reverse main Motor
Direction Control
12. Counter -1 set
13. Batch counter -1 set
14. Pre-set counter -1 set
15. Chop counter -1 set
16. Maintenance counter
17. Mis-feed detector socket -4 sets
18. Air ejector -1 set
19. Air tool socket -1 set
20. Tool box

Optional Attachments

1. Die cushion
2. Safety light curtains
3. Quick die change system
4. Flywheel brake
5. Knockout device
6. Isolation mounts
7. Tonnage monitor
8. Safety block
9. Die area lighting
10. Lighting device socket (1 A)

Top Development ■ Eternal Service



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