

# NS2

## Straightside Presses

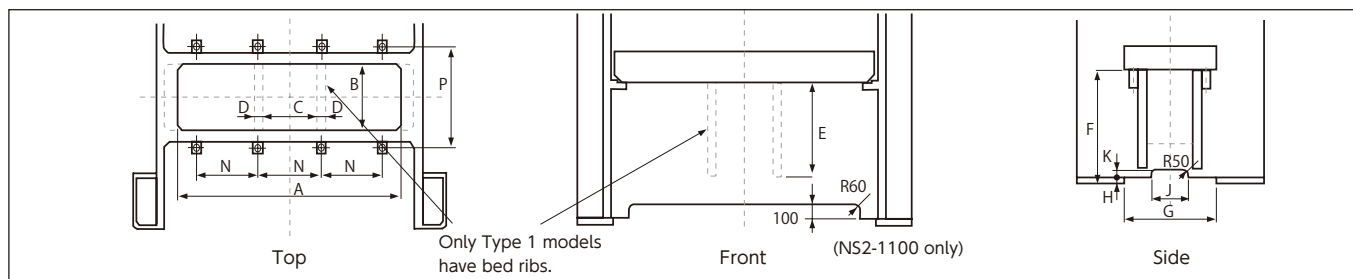
### Specifications

#### ■ Dimensions & Primary Specifications

Model		Foundation Bolt Dimensions	Installation Method	Maximum Dimensions	Total Height	Working Surface Height
		a1×b1	a2×b2	a3×b3	h1	h2
NS2-1100	(1)	2090×1200	2370×1500	2370×2208	2995	900
	(2)				3080	
NS2-1600	(1)	2270×1300	2530×1650	2530×2403	3215	900
	(2)				3300	
NS2-2000	(1)	2620×1400	2900×1750	2900×2613	3625	1000
	(2)				3725	
NS2-2500	(1)	2920×1500	3200×1850	3200×2703	3980	1100
	(2)				4135	
NS2-3000	(1)	2960×1650	3200×2100	3200×2978	4360	1150
	(2)				4460	

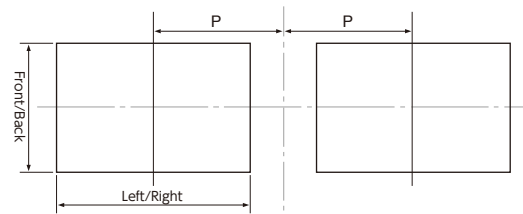
Model		NS2-1100		NS2-1600		NS2-2000		NS2-2500		NS2-3000	
		(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
Tonnage Capacity	kN	1100		1600		2000		2500		3000	
Rated Tonnage Point	mm	5.0		6.0		7.0		7.0		6.0	
Stroke Length	mm	110	180	130	200	150	250	170	280	200	300
Continuous SPM (No Load)	min <sup>-1</sup>	50~110	35~70	40~90	30~60	35~75	25~50	25~60	20~40	20~50	15~35
Die Height	mm	350	400	400	450	450	500	450	550	600	650
Slide Adjustment	mm	90		100		110		120		130	
Slide Area (L/R x F/B)	mm	1360×520		1500×580		1850×650		2100×700		2400×900	
Bolster Area (L/R x F/B)	mm	1660×680		1800×760		2150×840		2400×920		2400×1200	
Bolster Thickness	mm	155		165		170		180		200	
Side Opening (F/B x Height)	mm	700×285	700×335	780×325	780×375	860×365	860×415	940×355	940×455	1220×530	1220×580
Maximum Upper Die Weight	kg	550		800		1200		1650		2300	
Main Motor	kW	11		15		22		30		37	
Required Air Pressure	MPa	0.5		0.5		0.5		0.5		0.5	

## ● Bed Dimensions



Model		Bed Hole		Bed Rib			Top of Bed	Leg-Area Shape			For the Chute Hole		Mounting Bolt Hole	
		A	B	C	D	E	F	G	H	J	K	N	P	
NS2-1100	(1)	1480	260	450	45	445	745	770	40	210	80	440	480	
	(2)		350	No Ribs						300			570	
NS2-1600	(1)	1600	320	500	55	495	735	820	40	270	80	480	560	
	(2)		380	No Ribs						330			620	
NS2-2000	(1)	1900	360	600	70	540	830	920	40	310	80	570	620	
	(2)		460	No Ribs						410			720	
NS2-2500	(1)	2200	400	700	70	540	920	980	40	350	80	650	680	
	(2)		480	No Ribs						430			760	
NS2-3000	(1)	2160	440	800	80	600	950	1230	40	390	80	540 5 Places	740	
	(2)		520	No Ribs						470			820	

## ● Pad Shape



## ● Die Cushion Specifications

Press Model		NS2-1100 (2)	NS2-1600 (2)	NS2-2000 (2)	NS2-2500 (2)	NS2-3000 (2)
Die Cushion Model		NCYD-11-1	NCYD-16-1	NCYD-20-1	NCYD-25-1	NCYD-30-1
Capacity (at 0.5 MPa)	kN	45×2	70×2	96×2	125×2	159×2
Stroke Length	mm	80	80	100	110	130
Pad Dimensions: (L/R x F/B)	mm	480×340	560×370	700×450	720×470	760×500
Mounting Pitch P	mm	300	375	450	450	535

## ● Press Standard Equipment

- Hydraulic Overload Protector
- Emergency Stop Buttons
- Side Opening Covers
- Overrun Monitor
- Clutch & Brake Solenoid Valve with Monitor
- MPC (Multi-Processor Controller)
- Forced Recirculation Lubrication System
- Motorized Slide Adjustment
- Die Height Indicator (0.1 mm Digital Display)
- Crank Angle Indicator (Digital Display)
- Main Motor (Inverter Type)
- Mode Selector (Inch, Off, Single, Continuous)
- Stand-Type Operation Button Box
- Air Ejector (3/8B x 1)
- Air Outlet (3/8B x 1)
- Timing Switches (4 spare channels)
- Databank (20 Recipes)
- Preset Counters (6-Digit x 3)
- Maintenance Counter (1 non-resettable type; 8-digit)
- Hour Meter (6-Digit x 1)
- Instruction Manuals (Qty.: 2)

## ● Special Peripheral Equipment

- Die Block (with Safety Plug)
- Light Curtains (Front of Press)
- HOLP Lower Pressure Setting Device
- Tonnage Monitor
- Main Circuit Fuseless Breakers
- Main Motor Reversing Device
- Flywheel Brake
- Slide Knockout
- Die Cushion
- Die Clamps
- Die Lifters
- Die Protection Receptacles (2 Circuits)
- Multifunction Die Monitor
- Die Lighting
- Automation Devices
- Vibration Mounts
- Tool Receptacle (100 V x 5 A x 1 unit; Supplied Voltage x 20 A x 1 unit)

\* There are many other types of special equipment available, so please consult with AIDA.

\* Specifications as well as the external appearance and the accessories may change without notice as a result of design improvements.

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