

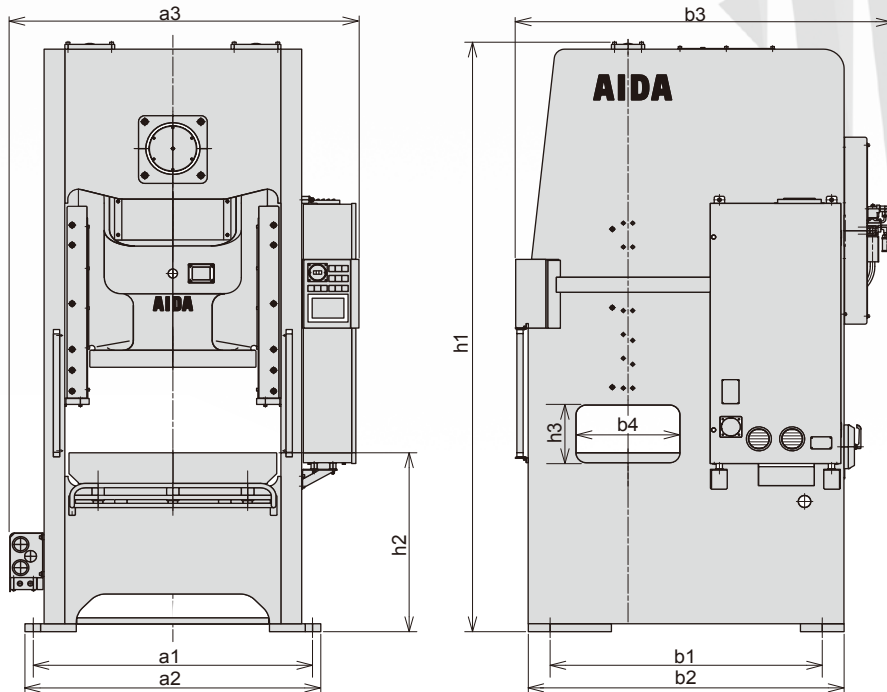


**AIDA**

# NS1

## Straightside Presses

### Specifications



#### ■ Dimensions & Primary Specifications

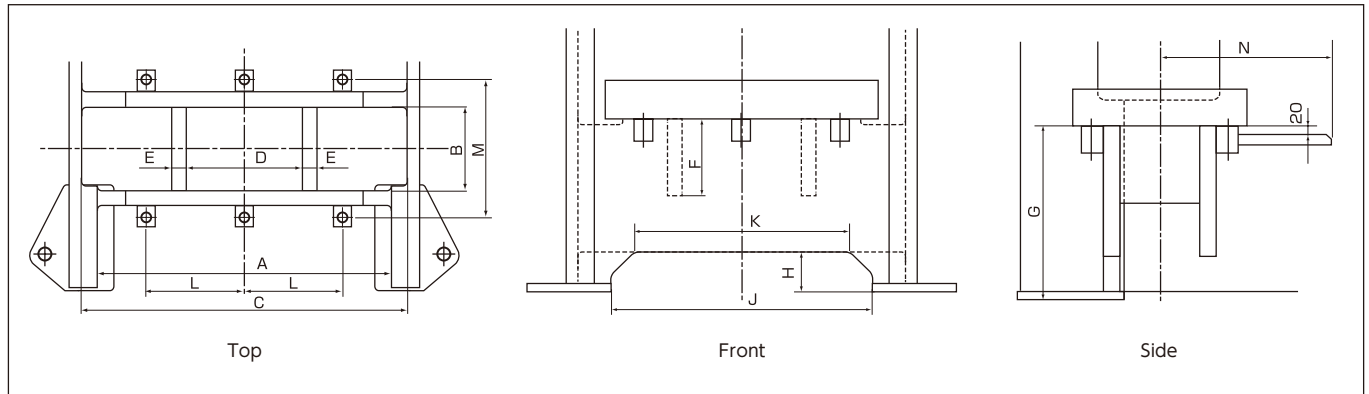
Model	Foundation Bolt Dimensions	Installation Method	Maximum Dimensions	Total Height	Working Surface Height
	a1×b1	a2×b2	a3×b3	h1	h2
<b>NS1-800 (S,1)</b>	1220×1200	1300×1380	1545×1620	2765	900
<b>NS1-1100 (S,1)</b>	1344×1310	1424×1520	1685×1810	2965	900
<b>NS1-1500 (S,1)</b>	1525×1450	1605×1690	1875×2020	3210	900
<b>NS1-2000 (S,1)</b>	1655×1590	1735×1860	2005×2175	3715	1000
<b>NS1-3000 (2)</b> Note 1	1740×1600	2060×2900	2600×2950	4750	1120

Model		NS1-800		NS1-1100		NS1-1500		NS1-2000		NS1-3000
		(S)	(1)	(S)	(1)	(S)	(1)	(S)	(1)	(2)
Tonnage Capacity	kN	800		1100		1500		2000		3000
Rated Tonnage Point	mm	3.2	5	3.2	5	4	6	4	6	5
Stroke Length	mm	60	100	70	110	80	130	95	160	300
Continuous SPM (No Load)	min <sup>-1</sup>	75~150	55~125	65~135	50~110	55~115	40~95	45~95	35~80	15~35
Die Height	mm	300		320		350		410		570
Slide Adjustment	mm	80		90		100		110		120
Slide Area (L/R x F/B)	mm	700 × 460		800 × 520		900 × 580		1000 × 650		1300×900
Bolster Area (L/R x F/B)	mm	900 × 460		1000 × 520		1150 × 600		1250 × 680		1500×1000
Bolster Thickness	mm	140		155		165		180		200
Side Opening Dimensions: (b4 x h3) Note 2	mm	440 × 270 (220)		500 × 290 (240)		560 × 330 (280)		620 × 380 (330)		1000×600 (550)
Main Motor	kW	7.5		11		11		15		30
Required Air Pressure	MPa	0.5		0.5		0.5		0.5		0.5

Note 1: The values are reference values.

Note 2: The 'side opening' dimension shown in parentheses is measured from the top of the bolster.

## ● Bed Shape and Dimensions



Model	Bed Hole			Bed Rib			Top of Bed	Bed Plate			Mounting Bolts		Chute Plate
	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>NS1-800 (S,1)</b>	940	190	1036	400	50	250	760	178	830	630	310	350	445
<b>NS1-1100 (S,1)</b>	1040	200	1160	440	60	300	745	190	930	730	360	380	510
<b>NS1-1500 (S,1)</b>	1190	250	1330	510	70	350	735	190	1045	845	435	450	570
<b>NS1-2000 (S,1)</b>	1300	320	1450	560	80	400	820	190	1155	955	490	540	640

Note: Please contact AIDA for detailed dimensional information about the NS1-3000(2) model.

## ● Press Standard Equipment

- Hydraulic Overload Protector
- Emergency Stop Buttons
- Side Opening Covers
- Interlocked Guards (Sides)
- Light Curtains
- Overrun Monitor
- Clutch & Brake Solenoid Valve with Monitor
- MPC (Multi-Processor Controller)
- Forced Recirculation Lubrication System
- Motorized Slide Adjustment
- Die Height Indicator (0.01 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)
- HOLP Lower Pressure Setting Device
- Tonnage Monitor
- Main Circuit Fuseless Breakers
- Main Motor Reversing Device
- Flywheel Brake
- 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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