

### ●Dimensions

	Position of anchor bolt	Floor space required	Max. measurement of press	Press overall height	Bolster surface height
	a1×b1	a2×b2	a3×b3	h1	h2
<b>NS1-800 (S, 1, 1NL)</b>	1220×1200	1300×1380	1485×1550	2760	900
<b>NS1-1100 (S, 1, 1NL)</b>	1344×1310	1424×1520	1617×1700	2960	900
<b>NS1-1500 (S, 1, 1NL)</b>	1525×1450	1605×1690	1803×1950	3200	900
<b>NS1-2000 (S, 1, 1NL)</b>	1655×1590	1735×1860	1933×2105	3710	1000

### ●Main specifications

Model		NS1-800			NS1-1100			NS1-1500			NS1-2000		
		(S)	(1)	(1NL)	(S)	(1)	(1NL)	(S)	(1)	(1NL)	(S)	(1)	(1NL)
		CRANK	CRANK	LINK	CRANK	CRANK	LINK	CRANK	CRANK	LINK	CRANK	CRANK	LINK
Capacity	kN	800			1100			1500			2000		
Tonnage rating point	mm	3.2	5	5	3.2	5	5	4	6	6	4	6	6
Stroke length	mm	60	100	100	70	110	110	80	130	130	95	160	160
Strokes per minute	spm	75~150	55~125	55~110	65~135	50~135	50~100	55~115	40~95	40~85	45~95	35~80	35~70
Die height, slide to bolster	mm	300			320			350			410		
Slide adjustment	mm	80			90			100			110		
Slide area (L,R×F,B)	mm	700×460			800×520			900×580			1000×650		
Bolster area (L,R×F,B)	mm	900×460			1000×520			1150×600			1250×680		
Side opening	mm	440×270 (220)			500×290 (240)			560×330 (280)			620×380 (330)		
Bolster thickness	mm	140			155			165			180		
Main motor	kW	7.5			11			11			15		
Required air pressure	MPa	0.5			0.5			0.5			0.5		

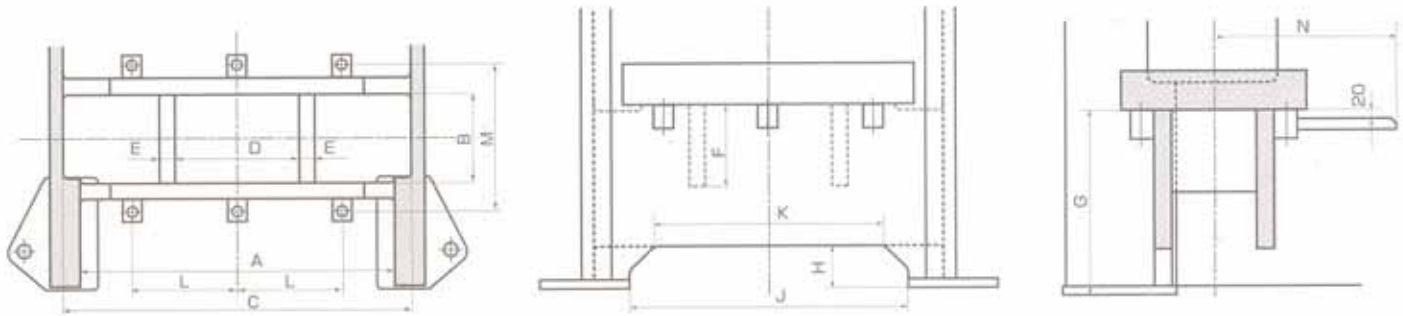
\*Dimension in ( ) are for bolster

※When press is part of AH line, dimension of side opening is subject to the specifications of the AH line specifications.

## AIDA ENGINEERING, LTD.

2-10 Ohyama-cho, Sagami-hara, Kanagawa 229-1181, Japan  
 Phone:(81)42-772-5258 Facsimile:(81)42-758-1169  
 Home page Address <http://www.aida.co.jp/>

## ● Shape and dimensions of bed



Model	Bed opening			Bed rib			Bed top surface	Bed frame		Fixing bolt		Chute plate	
	A	B	C	D	E	F	G	H	J	K	L	M	N
NS1-800 (S,1,1NL)	940	190	1036	400	50	250	760	178	830	630	310	350	445
NS1-1100 (S,1,1NL)	1040	200	1160	440	60	300	745	190	930	730	360	380	510
NS1-1500 (S,1,1NL)	1190	250	1330	510	70	350	735	190	1045	845	435	450	570
NS1-2000 (S,1,1NL)	1300	320	1450	560	80	400	820	190	1155	955	490	540	640

### ● Press Standard Equipment

- Variable speed motor (inverter)
- Motorized slide adjustment
- Hydraulic overload protector
- Forced circulation lubrication system
- Air ejector (3/8B, 2-way valve)
- Air outlet (3/8B, 2-way valve)
- Solid state controller (MPC)
- LCD operation panel
- Electronic crank angle indicator
- Hour meter (6 digits) 1 unit
- Preset counter (6 digits) 3 units
- Maintenance counter (8 digits) 1 unit
- Timing switch (4 spare cams)
- Die protect (2 circuits, no receptacles)
- Data bank (20 dies)
- Two-hand operation box (T stand)
- Operation selector (inching, off, single, continuous)
- Clutch & brake solenoid valve with monitor
- Anti-repeat circuit
- Optical safety device
- Cover for side opening
- Instruction manuals

### ■ Optional Equipment

- Bellows type die cushion
- Die lifter
- Die clammer
- Air ejector addition
- Air outlet addition
- Automation equipment
- Increase balancer capacity
- Flywheel brake
- H.O.L.P. low pressure setting device
- Anti-vibration device
- Anchor bolts
- Tool box
- Power source other than 200V
- Main motor reverse drive equipment
- Stand type operation panel
- Continuous single stroke device
- Preset stop position selector
- Die space light (spot type)
- Main circuit no-fuse breaker
- Electric interface for feeder
- Tool receptacle (100V, 200V)
- Load monitor
- Timing switch spare cam addition
- Automatic slide adjustment device
- Guard
- Die block (with plug)

\* Please consult us regarding the many other options available beside the ones listed here.

\* The specification, appearance and optional equipment may be changed without notice in the interest of good design.