

● A Unitized Straightside Frame for Minimal Frame Elongation.

(Up to NS2-2500, NS2-3000 : The Frame assembly construction tightened by tie rod)

● A Forced Circulation Lubrication System

A forced oil circulation system, introduced to the crank bearings and the slide guides, improves Bottom Dead Center repeatability - by minimizing thermal expansion of the frame.

Higher productivity is achieved with an increased maximum SPM of 10%.

● Popular Link Motion Feature Available

Link motion, perfected by AIDA through decades of experience and engineering, expands the range of metal-forming possibilities to include difficult-to-form materials, and makes possible extended die life and low production noise levels.

● Full-Length Slide Guides

Full guiding provides high performance that is resistant to eccentric loads ensuring high accuracy at Bottom Dead Center and extended die life.

● Compact design, Energy efficient

● Main specification

Model		NS2-1100				NS2-1600				NS2-2000				NS2-2500				NS2-3000			
		(1)	(1NL)	(2)	(2NL)	(1)	(1NL)	(2)	(2NL)	(1)	(1NL)	(2)	(2NL)	(1)	(1NL)	(2)	(2NL)	(1)	(1NL)	(2)	(2NL)
Capacity	kN	1100				1600				2000				2500				3000			
Tonnage rating point	mm	5				6				7				7				6			
Stroke length	mm	110		180		130		200		150		250		170		280		200		300	
Number of continuous strokes under no-load	spm	50~110	50~100	35~70	35~65	40~90	40~85	30~60	30~55	35~75	35~70	25~50	25~45	25~60	25~55	20~40	20~35	20~50	20~45	15~35	15~30
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×F.B)	mm	1360×520				1500×580				1850×650				2100×700				2400×900			
Bolster area : (L.R×F.B)	mm	1660×680				1800×760				2150×840				2400×920				2600×1200			
Bolster thickness	mm	155				165				170				180				200			
Dimensions of side opening	mm	700×285		700×335		780×325		780×375		860×365		860×415		940×355		940×455		1220×530		1220×580	
Range where upper die can be installed	mm	1410				1550				1900				2150				2450			
Upper die suspending capacity	ton	0.55				0.80				1.30				1.65				2.30			
Main motor (Inverter)	kW	11×4				15×4				22×4				30×4				37×4			
Required air supply	MPa	0.5				0.5				0.5				0.5				0.5			

■ Press Standard Equipment

- Stepless variable speed motor(Inverter)
- Digital crank angle indicator
- Die height indicator
- Forced circulation lubrication system
- Balancer lubrication device
- Both-hand operation box(T-stand)
- Timing switch(4 spare channels)
- Hour meter(6 digits) 1 units
- Preset counter(6 digits) 3 units
- Maintenance counter(8 digits) 1 units
- Emergency stop button(Rock type, push type)
- Top stop position controller
- Over-run detector
- Control circuit earth leakage breaker
- Operation selector(Inching, off, single, continuous)

- Control panel
- Main operation panel(Touch panel screen type)
- Multi processing press controller
- Data bank for 20 dies
- Die protector(2 circuits, no receptacle)
- Hydraulic overload protector(Pat.)
- Clutch & brake solenoid valve with monitor
- Motorized slide adjustment
- Slide adjust lock device(Pat.)
- Pressure switch(Balancer, clutch, lubrication oil)
- Air ejector(3/8B, 2-way valves) 1 units
- Air outlet(3/8B)
- Cover for side opening
- Standard tools
- Instruction manuals

■ Optional Equipment

- Main motor reverse drive equipment
- Flywheel brake
- Continuous single stroke operation
- Automation solenoid valves
- Anti-vibration device
- Roll feeder
- Transfer feeder
- Air feeder
- Straightener feeder
- AUTO-HAND Robot
- Optical safety device
- No-fuse breaker
- Load meter
- Die multifunction detector
- Guard
- Die block
- Die plug
- Slide knockout
- Bellows type die cushion
- Cylinder type die cushion
- Die clasper
- Die lifter
- H.O.L.P. low pressure setting device
- Preset stop position selector
- Material end stopping device
- Work space lights
- Tool receptacle
- Outside operation receptacle
- Die protection receptacle
- Die cooling device
- Provision for automation power take-out

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