

Offering both crank motion and link motion models.

- **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	1100				1600				2000				2500				3000			
Tonnage rating point	5				6				7				7				6			
Stroke length	110		180		130		200		150		250		170		280		200		300	
Number of continuous strokes under no-load	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	350		400		400		450		450		500		450		550		600		650	
Slide adjustment	90				100				110				120				130			
Slide area : (L.R×F.B)	1360×520				1500×580				1850×650				2100×700				2400×900			
Bolster area : (L.R×F.B)	1660×680				1800×760				2150×840				2400×920				2600×1200			
Bolster thickness	155				165				170				180				200			
Dimensions of side opening	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	1410				1550				1900				2150				2450			
Upper die suspending capacity	0.55				0.80				1.30				1.65				2.30			
Main motor (Inverter)	11×4				15×4				22×4				30×4				37×4			
Required air supply	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 clammer
- 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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