



Press Technical Data	Unit	NS1-800		NS1-1100		NS1-1500		NS1-2000	
		(S)	(1)	(S)	(1)	(S)	(1)	(S)	(1)
Nominal Capacity	kN	800		1100		1500		2000	
	U.S. ton	88		121		165		220	
Tonnage Rating Point	mm	3.2	5.0	3.2	5.0	4.0	6.0	4.0	6.0
	in.	0.13	0.20	0.13	0.20	0.16	0.24	0.16	0.24
Stroke Length	mm	60	100	70	110	80	130	95	160
	in.	2.36	3.94	2.76	4.33	3.15	5.12	3.74	6.30
Continuous SPM (no load)	min ⁻¹	75~150	55~125	65~135	50~110	55~115	40~95	45~95	35~80
Die Height	mm	300		320		350		410	
	in.	11.81		12.60		13.78		16.14	
Slide Adjustment Range	mm	80		90		100		110	
	in.	3.15		3.54		3.94		4.33	
Slide Area (LR x FB)	mm	700 x 460		800 x 520		900 x 580		1000 x 650	
	in.	27.56 x 18.11		31.50 x 20.47		35.43 x 22.83		39.37 x 25.59	
Bolster Area (LR x FB)	mm	900 x 460		1000 x 520		1150 x 600		1250 x 680	
	in.	35.43 x 18.11		39.40 x 20.50		45.28 x 23.62		49.21 x 26.77	
Side Opening (from top of bolster)	mm	440 x 220		500 x 240		560 X 280		620 X 330	
	in.	17.32 x 8.66		19.68 x 9.45		22.05 X 11.02		24.41 X 12.99	
Bolster Thickness	mm	140		155		165		180	
	in.	5.51		6.10		6.50		7.10	
Maximum Upper Die Weight	kg	300		350		500		1000	
	lb.	660		770		1100		2204	
Main Motor (Variable)	kW	7.5		11		11		15	
	HP	10		15		15		20	
Required Air Pressure	Mpa	0.5		0.5		0.5		0.5	
	psi	73		73		73		73	

Press Technical Data	Unit	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	
	U.S. ton	121		176		220		275		330	
Rated Tonnage Point (Above BDC)	mm	5.0		6.0		7.0		7.0		6.0	
	in.	0.19		0.23		0.27		0.27		0.23	
Stroke Length	mm	110	180	130	200	150	250	170	280	200	300
	in.	4.33	7.09	5.12	7.87	5.91	9.84	6.70	11.0	7.87	11.81
SPM (No Load)	min ⁻¹	50~110	35~70	40~90	30~60	35~75	25~50	25~60	20~40	20~50	15~35
Die Height, slide to bolster	mm	350	400	400	450	450	500	450	550	600	650
	in.	13.78	15.75	15.76	17.72	17.72	19.69	17.72	21.65	23.62	25.59
Slide Adjustment	mm	90		100		110		120		130	
	in.	3.54		3.94		4.33		4.72		5.12	
Slide Area (LR x FB)	mm	1360 x 520		1500 x 580		1850 x 650		2100 x 700		2400 x 900	
	in.	53.54 x 20.50		59.10 x 22.83		72.83 x 25.60		82.70 x 27.60		94.50 x 35.40	
Bolster Area (LR x FB)	mm	1660 x 680		1800 x 760		2150 x 840		2400 x 920		2600 x 1200	
	in.	65.40 x 26.80		70.90 x 29.92		84.65 x 33.10		94.50 x 36.20		102.40 x 47.20	
Side Opening (W x H)	mm	700 x 285	700 x 335	780 x 325	780 x 375	860 x 365	860 x 415	940 x 355	940 x 455	1220 x 530	1220 x 580
	in.	27.6 x 11.2	27.6 x 13.2	30.7 x 12.8	30.7 x 14.8	33.9 x 14.8	33.9 x 16.3	37.0 x 14.0	37.0 x 17.9	48.0 x 20.9	48.0 x 22.8
Bolster Thickness	mm	155		165		170		180		200	
	in.	6.10		6.50		6.70		7.10		7.90	
Maximum Upper Die Weight	kg	550		800		1200		1650		2300	
	lb.	1213		1760		2646		3640		5071	
Main Motor	kW	11		15		22		30		37	
	HP	15		20		30		40		50	
Required Air Pressure	Mpa	0.5		0.5		0.5		0.5		0.5	
	psi	73		73		73		73		73	

*Contact AIDA to discuss your requirements.

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STANDARD EQUIPMENT & FEATURES*

- Hydraulic Overload Protector
- Emergency Stop Button
- Motorized Slide Adjustment Device
- Forced Circulation Lubrication System
- Mode Selection (Inch, Off, Single, Continuous)
- Die Height Indicator (0.01mm Digital Display)
- T-Stand Run Station
- Side Opening Covers
- Air Ejector (3/8B x 1; 3-Way Valve)
- Air Outlet (3/8B x 1)
- Rear Guard
- Multiprocessor Controller (MPC)
- HOLP Lower Pressure Setting Equipment
- Clutch and Brake Solenoid Valve; with Monitor
- OSHA and ANSI Compliant
- Maintenance Counter (8-digit x 1)
- Main Motor (Inverter Drive)
- Preset Counter (6-Digit x 3)
- Recipe Data Bank (20 Recipes)
- Timing Switch (4 Spare Channels)
- Crank Angle Indicator (Digital Display)
- Overrun Monitor
- Hour Meter (6-Digit x 1)
- Instruction Manual (English: 1 set)
- Flywheel Brake
- Die Protection Receptacles (2 Circuits)
- Main Circuit Fuseless Breakers
- Adjustable Safety Die Block(s)
- Main Motor Reversing Device

OPTIONAL EQUIPMENT*

- Automation Equipment
- Slide Knockout (available for NS2 Series)
- Die Cushions
- Quick Die Change System
- Custom Die Space Machining
- Vibration Mounts
- Die Protection Monitoring
- Die Lighting
- Light Curtains
- Tonnage Monitor

*Contact your local AIDA branch for a complete list of Standard and Optional Equipment and Features.