

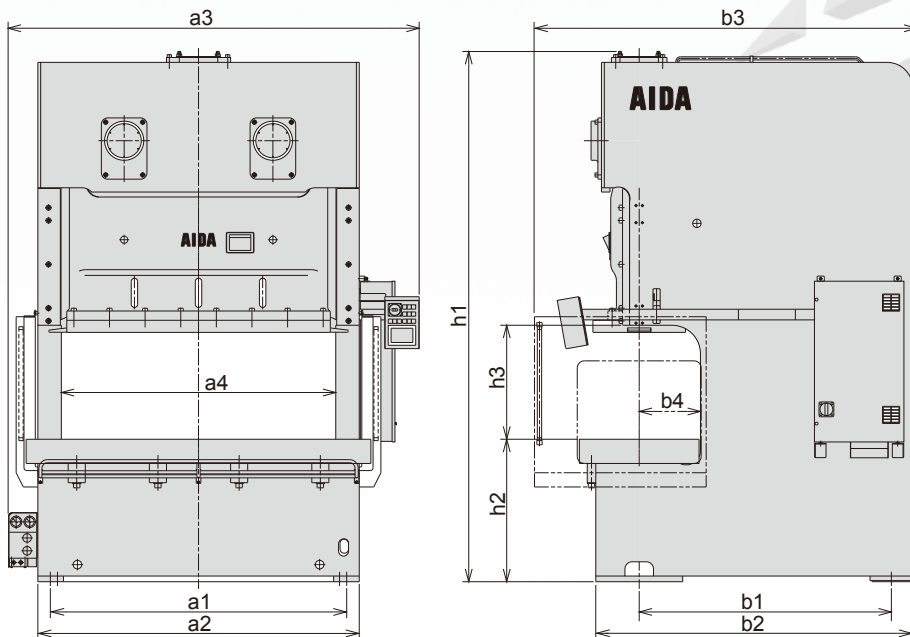


AIDA

NC2-E

Gap Frame Presses

Specifications



Note: This shows a (2)E model.

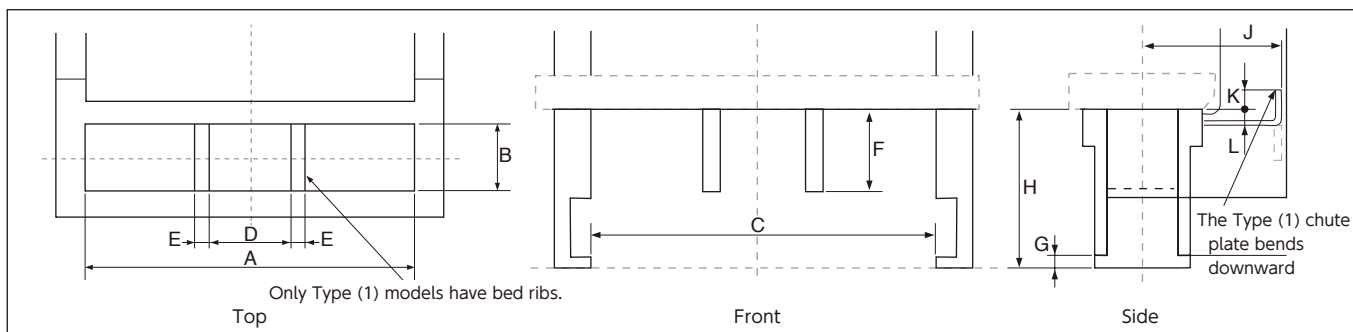
■ Dimensions & Primary Specifications

Model		Foundation Bolt Dimensions	Installation Method	Maximum Dimensions	Total Height	Working Surface Height
		a1×b1	a2×b2	a3×b3	h1	h2
NC2-1100	(1)E	1570(1470)×1235	1746×1555	2335×2095	2950	900
	(2)E	1570(1470)×1315	1746×1680	2335×2105	3035	
NC2-1600	(1)E	1730(1630)×1455	1906×1815	2495×2380	3175	900
	(2)E	1730(1630)×1535	1906×1925	2495×2390	3260	
NC2-2000	(1)E	2080(1980)×1770	2256×2175	2885×2775	3625	1000
	(2)E		2256×2225	2885×2685	3725	
NC2-2500	(1)E	2370(2270)×1970	2546×2405	3175×3000	3980	1100
	(2)E	2370(2270)×2050	2546×2525	3175×2990	4135	

Note: The foundation bolt position dimensions shown in parentheses are the positions of the rear foundation bolts.

Model		NC2-1100		NC2-1600		NC2-2000		NC2-2500	
		(1)E	(2)E	(1)E	(2)E	(1)E	(2)E	(1)E	(2)E
Tonnage Capacity	kN	1100		1600		2000		2500	
Rated Tonnage Point	mm	5		6		7		7	
Stroke Length	mm	110	180	130	200	150	250	170	280
Continuous SPM (No Load)	min ⁻¹	50~100	35~65	40~85	30~55	35~70	25~45	25~55	20~35
Die Height	mm	350	400	400	450	450	500	450	550
Slide Adjustment	mm	90		100		110		120	
Slide Area (L/R x F/B)	mm	1360×520		1500×580		1850×650		2100×700	
Bolster Area (L/R x F/B)	mm	1880×520	1880×680	2040×600	2040×760	2420×680	2420×840	2700×760	2700×920
Bolster Thickness	mm	155		165		170		180	
Frame Gap (b4 x h3)	mm	270×310	350×630	310×320	390×700	350×360	430×800	390×350	470×880
Frame Internal Dimension (a4)	mm	1470		1590		1920		2190	
Maximum Upper Die Weight	kg	550		800		1200		1650	
Main Motor	kW	11		15		22		30	
Required Air Pressure	MPa	0.5		0.5		0.5		0.5	

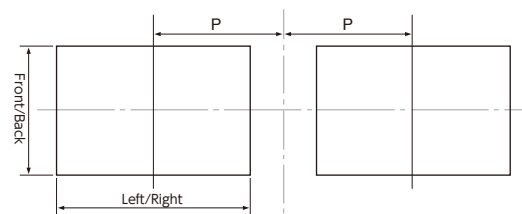
● Bed Dimensions



Model		A	B	C	Middle Rib Dimensions			G	H	J	K	L
					D	E	F					
NC2-1100	(1)E	1476	260	1386	450	45	445	140	745	690	—	90
	(2)E		350		No Ribs						11	
NC2-1600	(1)E	1596	320	1546	500	55	495	40	735	742	—	90
	(2)E		380		No Ribs						11	
NC2-2000	(1)E	1926	360	1896	600	55	540	40	830	810	—	90
	(2)E		460		No Ribs						11	
NC2-2500	(1)E	2196	400	2186	700	55	540	40	920	850	—	90
	(2)E		480		No Ribs						11	

Note: NC2-***(1) models are equipped with 2 center ribs.

● Pad Shape



● Die Cushion Specifications

Press Model		NC2-1100(2)E	NC2-1600(2)E	NC2-2000(2)E	NC2-2500(2)E
Die Cushion Model		NCYD-11-1	NCYD-16-1	NCYD-20-1	NCYD-25-1
Capacity (at 0.5 MPa)	kN	45×2	70×2	96×2	125×2
Stroke Length	mm	80	80	100	110
Pad Dimensions: (L/R x F/B)	mm	480×340	560×370	700×450	720×470
Mounting Pitch P	mm	300	375	450	450

● Press Standard Equipment

- Hydraulic Overload Protector
- Emergency Stop Buttons
- Side Covers
- Overrun Monitor
- Clutch & Brake Solenoid Valve with Monitor
- MPC (Multi-Processor Controller)
- Auto-Greasing Device (with Interlock)
- Motorized Slide Adjustment
- Die Height Indicator (0.1 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)
- Light Curtains (Front of Press)
- HOLP Lower Pressure Setting Device
- Tonnage Monitor
- Main Circuit Fuseless Breakers
- Main Motor Reversing Device
- Flywheel Brake
- Slide Knockout
- Die Cushion
- 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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