

NC1 MODELS (SINGLE POINT, GAP FRAME PRESS)

Press Technical Data	Unit	NC1-350		NC1-450		NC1-600		NC1-800	
		(1) E	(2) E	(1) E	(2) E	(1) E	(2) E	(1) E	(2) E
Tonnage Capacity	kN	350		450		600		800	
	U.S. ton	39		50		66		88	
Tonnage Rating Point	mm	2.6		3.2		4.0		5.0	
	in.	0.1		0.1		0.2		0.2	
Full Stroke Length	mm	70	120	80	120	90	140	100	160
	in.	2.8	4.7	3.1	4.7	3.5	5.5	3.9	6.3
SPM (No Load)	spm	90-150	55-115	65-130	50-105	60-120	45-95	55-110	40-85
Die Height (SDAU)	mm	200	250	250	270	270	300	300	320
	in.	7.87	9.84	9.84	10.63	10.63	11.81	11.81	12.60
Slide Adjustment	mm	50		60		70		80	
	in.	2.0		2.3		2.8		3.1	
Slide Area (LR x FB)	mm	380 x 300		410 x 340		480 x 400		540 x 460	
	in.	15.0 x 11.8		16.1 x 13.4		18.9 x 15.7		21.3 x 18.1	
Bolster Area (LR x FB)	mm	730 x 310	730 x 380	810 x 360	810 x 440	870 x 400	870 x 520	950 x 460	950 x 600
	in.	28.7 x 12.2	28.7 x 15.0	31.9 x 14.2	31.9 x 17.3	34.3 x 15.7	34.3 x 20.5	37.4 x 18.1	37.4 x 23.6
Throat Depth	mm	160	195	185	225	210	270	240	310
	in.	6.3	7.7	7.3	8.9	8.3	10.6	9.4	12.2
Inside Frame Dimension	mm	458		499		564		624	
	in.	18.0		19.6		22.2		24.6	
Bolster Thickness	mm	100		110		130		140	
	in.	3.9		4.3		5.1		5.5	
Maximum Upper Die Weight	kg	180		250		270		645	
	lb.	397		551		595		1422	
Main Motor Capacity	kW	5.5		5.5		5.5		7.5	
	HP	7		7		7		10	
Required Air Pressure	MPa	0.5		0.5		0.5		0.5	
	psi	73		73		73		73	
Press Technical Data	Unit	NC1-1100		NC1-1500		NC1-2000		NC1-2500	
		(1) E	(2) E	(1) E	(2) E	(1) E	(2) E	(2) E	
Tonnage Capacity	kN	1100		1500		2000		2500	
	U.S. ton	121		165		220		275	
Tonnage Rating Point	mm	5.0		6.0		6.0		6.5	
	in.	0.2		0.2		0.2		0.3	
Full Stroke Length	mm	110	180	130	200	160	250	300	
	in.	4.3	7.1	5.1	7.9	6.3	9.8	11.8	
SPM (No Load)	spm	50-100	35-70	40-85	30-60	35-70	25-50	20-40	
Die Height (SDAU)	mm	320	350	350	400	410	450	540	
	in.	12.60	13.78	13.78	15.75	16.14	17.72	21.26	
Slide Adjustment	mm	90		100		110		120	
	in.	3.5		3.9		4.3		4.7	
Slide Area (LR x FB)	mm	630 x 520		700 x 580		880 x 650		1100 x 730	
	in.	24.8 x 20.5		27.6 x 22.8		34.6 x 25.6		43.3 x 28.7	
Bolster Area (LR x FB)	mm	1070 x 520	1070 x 680	1170 x 600	1170 x 760	1390 x 680	1390 x 840	1750 x 900	
	in.	42.1 x 20.5	42.1 x 26.8	46.1 x 23.6	46.1 x 29.9	54.7 x 26.8	54.7 x 33.1	68.9 x 35.4	
Throat Depth	mm	270	350	310	390	350	430	470	
	in.	10.6	13.8	12.2	15.4	13.8	16.9	18.5	
Inside Frame Dimension	mm	666		736		906		1220	
	in.	26.2		29.0		35.7		48.0	
Bolster Thickness	mm	155		165		180		180	
	in.	6.1		6.5		7.1		7.1	
Maximum Upper Die Weight	kg	550		761		1000		1300	
	lb.	1213		1678		2205		2866	
Main Motor Capacity	kW	11	7.5	11		15		22	
	HP	15	10	15		20		30	
Required Air Pressure	MPa	0.5		0.5		0.5		0.5	
	psi	73		73		73		73	

NC2 MODELS (TWO-POINT, GAP FRAME PRESS)

Press Technical Data	Unit	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	
	U.S. ton	121		176		220		275	
Tonnage Rating Point	mm	5.0		6.0		7.0		7.0	
	in.	0.2		0.2		0.3		0.3	
Full Stroke Length	mm	110	180	130	200	150	250	170	280
	in.	4.3	7.1	5.1	7.9	5.9	9.8	6.7	11.0
SPM (No Load)	spm	55-110	35-70	50-95	30-60	40-80	30-50	30-60	20-40
Die Height (SDAU)	mm	350	400	400	450	450	500	450	550
	in.	13.78	15.75	15.75	17.72	17.72	19.68	17.72	21.65
Slide Adjustment	mm	90		100		110		120	
	in.	3.5		3.9		4.3		4.7	
Slide Area (LR x FB)	mm	1360 x 520		1500 x 580		1850 x 650		2100 x 700	
	in.	53.5 x 20.5		59.1 x 22.8		72.8 x 25.6		82.7 x 27.6	
Bolster Area (LR x FB)	mm	1880 x 520	1880 x 680	2040 x 600	2040 x 760	2420 x 680	2420 x 840	2700 x 760	2700 x 920
	in.	74.0 x 20.5	74.0 x 26.8	80.3 x 23.6	80.3 x 29.9	95.3 x 26.8	95.3 x 33.1	106.3 x 29.9	106.3 x 36.2
Throat Depth	mm	270	350	310	390	350	430	390	470
	in.	10.6	13.8	12.2	15.4	13.8	16.9	15.4	18.5
Inside Frame Dimension	mm	1470		1590		1920		2190	
	in.	57.9		62.6		75.6		86.2	
Bolster Thickness	mm	155		165		170		180	
	in.	6.1		6.5		6.7		7.1	
Maximum Upper Die Weight	kg	550		800		1200		1650	
	lb.	1213		1764		2646		3638	
Main Motor Capacity	KW	11		15		22		30	
	HP	15		20		30		40	
Required Air Pressure	MPa	0.5		0.5		0.5		0.5	
	psi	73		73		73		73	

STANDARD EQUIPMENT & FEATURES

- Highly rigid fabricated steel frame with low angular deflection
- Cast iron slide
- Cast bolster plate
- Forged steel crankshaft
- Hardened & ground pinion & ground main gear
- 6-Point full length bronze gibs
- Automatic lubrication system for gibs & crankshaft bearings
- Clutch-brake control through AIDA proprietary microprocessor
- Wet type clutch & brake
- Automatic flywheel brake with actuation valve
- Brake stop-time monitoring display
- Hydraulic overload protection (HOLP)
- Stuck-on-bottom release device
- Variable speed main motor with reversing capability
- PLC control with operator touch screen for functionality
- Main control panel on outside frame (right side)
- Operation push button pedestal, T-stand
- Air counterbalance cylinder
- Motor-driven die height adjustment
- Metric die height indicator
- Programmable limit switch, four (4) PLS outputs for customer use
- Die protection receptacle, two (2)



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