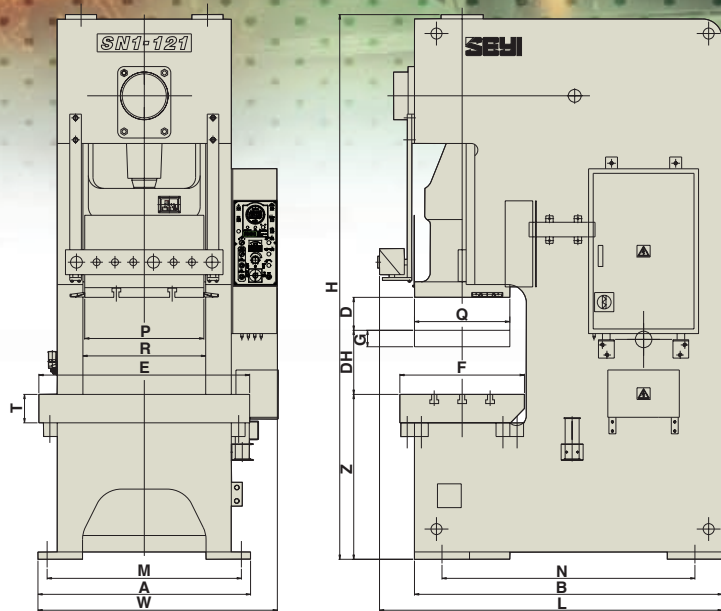


Specification



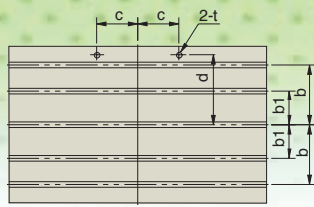
Specifications and dimensions

SN1-176,220 275 do not have shank holder

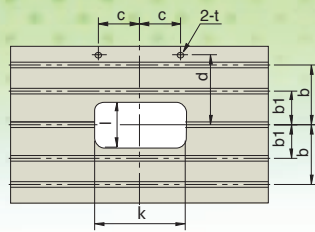
Model	SN1-28			SN1-39			SN1-50			SN1-66			SN1-88			SN1-121			SN1-176			SN1-220			SN1-275					
	S	H	P	S	H	P	S	H	P	S	H	P	S	H	P	S	H	P	S	H	P	S	H	P	S	H	P			
Capacity	US tons			28			39			50			66			88			121			176			220			275		
Stroke Length	(D)in			3.15	1.97	1.38	3.54	2.36	1.57	4.33	2.76	1.77	5.12	3.15	1.97	5.91	3.94	2.36	7.09	4.33	2.76	7.87	5.12	3.15	8.66	5.91	3.54	9.84	7.09	3.94
Stroke per minute	s.p.m			70	80	80	60	70	80	50	60	80	40	55	70	40	50	65	35	45	60	30	35	50	25	30	40	22	30	30
Allowable number at intermittent strokes	(spm)			110	140	180	95	130	170	85	120	160	75	110	150	75	100	140	65	90	125	50	70	100	45	60	85	40	50	70
Tonnage Rating Point	(B.D.C.)in			0.13	0.09	0.13	0.09	0.13	0.09	0.13	0.09	0.16	0.09	0.20	0.13	0.20	0.13	0.20	0.13	0.24	0.16	0.24	0.16	0.24	0.16	0.24	0.16	0.24	0.16	0.16
Die Height	(D.H.)in			9.06	7.87	7.87	9.84	8.66	8.66	10.63	9.45	9.45	11.81	10.63	10.63	12.99	11.81	11.81	13.78	12.60	12.60	15.75	14.17	14.17	17.72	15.75	15.75	17.72	15.75	15.75
Slide Adjust	(G) in			1.97			1.97			2.36			2.76			3.15			3.54			3.94			4.33			4.72		
Slide Area	(PxQ)in			12.99x9.84			14.96x11.81			16.93x13.78			18.90x15.75			22.05x18.11			25.59x20.47			28.35x22.83			33.86x25.59			37.80x28.35		
Shank Hole Diameter	in			ø1.5			ø2			ø2			ø2			ø2			ø2			ø2.56			ø2.56			ø2.56		
Bolster Area	(ExF)in			27.56x12.60			30.71x15.75			33.07x17.32			35.43x20.47			41.34x23.62			45.28x26.77			49.21x29.92			55.12x33.07			59.06x35.43		
Bolster Thickness	(T)in			3.35			3.94			4.53			5.12			5.51			6.10			6.50			7.09			7.09		
Bolster Height	(Z)in			31.50			31.50			31.50			35.43			35.43			35.43			35.43			39.37			39.37		
Inner Dimension of Frame	(R)in			15.51			19.29			20.31			21.42			24.17			26.38			28.74			35.43			38.19		
Main Motor	HPxP			5x4			5x4			7 1/2 x 4			10x4			10x4			15x4			20x4			25x4			30x4		
Slide Adjustment Motor	HPxP			-			-			-			0.5x4			0.5x4			0.5x4			1x4			1x4			2x4		
Foot Size	(AxB)in			28.35x41.65			32.68x44.29			35.04x47.64			37.01x51.77			41.34x58.27			45.67x66.14			51.18x78.15			58.27x83.19			61.42x94.49		
Anchor Bolts Position	(MxN)in			24.41x34.57			28.74x36.42			31.10x39.76			33.07x43.90			37.40x48.43			41.73x54.33			46.46x65.16			53.54x69.02			56.69x78.74		
Required Floor Space (WxLxH) in	34.41x50.39x80.43			38.62x52.22x85.28			40.71x55.77x89.49			42.56x60.69x99.41			46.97x66.32x107.80			51.42x73.68x117.05			59.29x86.28x128.11			66.38x91.75x145.75			69.5x102.19x156.69					
Accuracy	CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st			CNS 1st		

Die Cushion (Option)

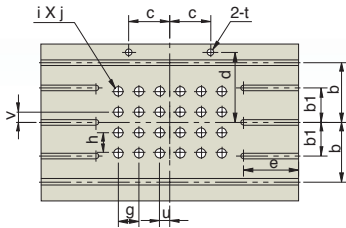
Capacity	US tons	2.4	2.4	3.8	3.8	6.6	8.8	11	15	15
Length of stroke	in	1.98	1.96	2.75	2.75	3.14	3.54	3.93	4.33	4.72
Area of Pad	in	11.81x8.26	11.81x8.26	13.38x9.21	13.38x9.21	16.14x10.23	18.89x11.81	21.25x13.38	25.19x17.32	29.13x21.25



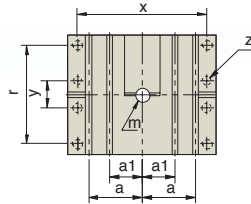
SURFACE OF BOLSTER (STANDARD)



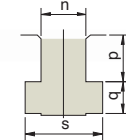
SURFACE OF BOLSTER (WITH RECTANGULAR HOLE)



SURFACE OF BOLSTER (WITH DIE CUSHION)



SURFACE OF RAM



SIZE OF T-SLOT

Dimension of bolster plate and slide

Model		SN1-28	SN1-39	SN1-50	SN1-66	SN1-88	SN1-121	SN1-176	SN1-220	SN1-275
a	in	4.13	5.12	5.51	5.91	6.30	7.09	10.24	11.81	13.78
a1	in	x	x	x	x	x	x	6.30	6.69	7.87
b	in	3.94	4.92	5.51	5.91	7.09	8.27	11.42	12.60	13.78
b1	in	x	x	x	x	x	x	6.50	7.09	7.87
c	in	5.12	5.12	5.91	5.91	5.91	5.91	7.87	7.87	9.84
d	in	5.31	6.69	7.28	7.87	9.84	11.81	13.39	14.96	16.14
e	in	x	8.27	8.66	9.45	10.70	11.02	11.42	12.60	12.60
g	in	2.56	2.56	2.95	2.95	2.95	3.54	3.94	3.94	3.94
h	in	2.36	3.54	3.94	3.94	2.95	3.54	3.94	3.94	3.94
i	(R.L.xF.B)	5x3	5x3	5x3	5x3	6x4	6x4	6x4	7x5	8x6
j	in	ø1.02	ø1.02	ø1.02	ø1.02	ø1.02	ø1.26	ø1.26	ø1.26	ø1.26
k	in	7.87	8.66	10.24	11.81	14.17	15.75	17.32	19.69	21.26
l	in	3.94	4.33	5.12	5.91	7.09	7.87	8.66	9.84	10.63
m	in	ø1.5	ø2.0	ø2.0	ø2.0	ø2.0	ø2.0	ø2.56	ø2.56	ø2.56
n	in	0.87	0.87	0.87	0.87	1.10	1.10	1.10	1.10	1.10
p	in	0.91	0.91	0.91	0.91	1.18	1.18	1.18	1.18	1.18
q	in	0.63	0.63	0.63	0.63	0.79	0.79	0.79	0.79	0.79
r	in	x	x	x	x	x	x	18.90	21.65	24.41
s	in	1.50	1.50	1.50	1.50	1.89	1.89	1.89	1.89	1.89
t	in	ø0.87	ø1.02	ø1.02	ø1.18	ø1.18	ø1.18	ø1.18	ø1.18	ø1.18
u	in	x	x	x	x	1.48	1.77	1.97	x	1.97
v	in	x	x	x	x	1.48	1.77	1.97	x	1.97
x	in	11.42	13.39	14.57	15.75	18.90	22.05	24.80	29.53	33.46
y	in	2.76	2.76	3.15	3.54	3.54	3.94	5.12	5.51	6.30
z	in	4-ø0.71	4-ø0.71	4-ø0.71	4-ø0.71	4-ø0.71	4-ø0.91	4-ø0.91	4-ø0.91	4-ø0.91

Note : Second set of T-slots on slide face are only on SN1-176 and above.

• Materials and specifications are subject to change without notice.