

P2H-FX High Performance Specifications & Dimensions

Dimen.	PRESS MODEL	P2H-63-40	P2H-100-48	P2H-100-63	P2H-160-63	P2H-160-75
	Force Capacity	630 kN / 71 Tons	1000 kN / 112 Tons	1000 kN / 112 Tons	1600 kN / 180 Tons	1600 kN / 180 Tons
	Stroke/Speed Combinations	REFER TO PAGE 10				
	Shutheight Adjust.	75 mm 2.95"	100 mm 3.94"	100 mm 3.94"	100 mm 3.94"	150 mm 5.91"
	QA Slide Travel (Depending on SH)	25 mm - 100 mm .98" - 3.94"	12 mm - 115 mm .50" - 4.50"	12 mm - 115 mm .50" - 4.50"	12 mm - 115 mm .50" - 4.50"	12 mm - 165 mm .50" - 6.50"
A	SH Range on Bolster (Std.)	225 mm - 300 mm 8.90" - 11.80"	280 mm - 380 mm 11.0" - 14.94"	280 mm - 380 mm 11.0" - 14.94"	350 mm - 450 mm 13.78" - 17.72"	350 mm - 500 mm 13.78" - 19.69"
B	Bolster Thickness	100 mm 3.94"	100 mm 3.94"	100 mm 3.94"	125 mm 4.92"	125 mm 4.92"
C	Passline Opening (F-B)	330 mm 13.10"	560 mm 22.0"	560 mm 22.0"	630 mm 24.80"	630 mm 24.80"
D x E	Area of Bolster (R-L x F-B) (Std.)	1000 mm x 630 mm 39.40" x 24.80"	1220 mm x 800 mm 48.0" x 31.50"	1600 mm x 800 mm 63.0" x 31.5"	1900 mm x 850 mm 74.8" x 33.50"	1900 mm x 850 mm 74.8" X 33.50"
F x G	Area of Slide (R-L x F-B) (Std.)	1000 mm x 630 mm 39.40" x 24.80"	1220 mm x 660 mm 48.0" x 26.0"	1600 mm x 660 mm 63.0" x 26.0"	1900 mm x 850 mm 74.8" x 33.50"	1900 mm x 850 74.8" x 33.50"
H x J	Opening in Bolster (R-L x F-B)	800 mm x 160 mm 31.50" x 6.25"	1000 mm x 190 mm 39.40" x 7.50"	1300 mm x 190 mm 51.2" x 7.50"	1600 mm x 250 mm 63.0" x 9.80"	1600 mm x 250 mm 63.0" x 9.80"
	Opening in Bed (R-L x F-B)	876 mm x 230 mm 34.50" x 9.0"	1015 mm x 360 mm 40.0" x 14.20"	1400 mm x 360 mm 55.0" x 14.2"	1600 mm x 370 mm 63.0" x 14.60"	1600 mm x 370 mm 63.0" x 14.60"
K	Distance Floor to Top of Bolster	1095 mm 43.10"	1135 mm 44.70"	1135 mm 44.70"	1180 mm 46.40"	1180 mm 46.40"
L	Distance Floor to Bottom of Bed	380 mm 15.0"	430 mm 17.0"	430 mm 17.0"	300 mm 11.75"	300 mm 11.75"
M	Overall Height	3550 mm 139.50"	3930 mm 155.0"	3930 mm 155.0"	4320 mm 170.0"	4526 mm 178.2"
N	Overall Width	2345 mm 92.30"	2640 mm 104.0"	3025 mm 119.0"	3588 mm 141.2"	4042 mm 159.1"
P	Width at Feet	1640 mm 64.50"	1780 mm 70.0"	1780 mm 70.0"	2030 mm 80.0"	2030 mm 80.0"
	Press Shipping Wt.	11,800 kg 26,000 Lbs.	18,600 kg 41,000 Lbs.	19,050 kg 42,000 Lbs.	30,390 kg 67,000 Lbs.	32,615 kg 77,000 Lbs.

† Consult Minster for sizes & specifications other than standard.

Stroke Speed Ratios

P2H-FX-63

Stroke Length	mm	60	75	
	Inch	2.36	2.95	
Continuous Speed (reduced rating)	SPM	1-250	1-170	1-250
Servo Motor Power		Standard Power 36kW (1 x #81)		
Rated Distance Off Bottom	mm	3,6	6,1	2,5
	Inch	0.14	0.24	0.10
• Standard Forming Profile	SPM	1-165	1-123	1-168
• Pendulum 40 mm (1.57")	SPM	1-150	1-125	1-157
• Pendulum 30 mm (1.18")	SPM		1-138	1-173
• Pendulum 25 mm (0.98")	SPM	1-183	n/a	n/a
Standard Energy	kJ	8.2	10.4	8.1
	In.-Ton	36	46	36

P2H-FX-100

Stroke Length	mm	60	80		100	
	Inch	2.36	3.15		3.94	
Continuous Speed (reduced rating)	SPM	1-250	1-170	1-250	1-170	1-250
Servo Motor Power		Standard Power 36kW (1 x #81)				
Rated Distance Off Bottom	mm	3,6	6,1	2,5	4,6	2,0
	Inch	0.14	0.24	0.10	0.18	0.08
• Standard Forming Profile	SPM	1-165	1-123	1-168	1-123	1-168
• Pendulum 60 mm (2.36")	SPM	n/a	1-105	1-132	1-119	1-155
• Pendulum 40 mm (1.57")	SPM	1-150	1-125	1-157	1-141	1-182
• Pendulum 30 mm (1.18")	SPM		1-138	1-173	n/a	n/a
• Pendulum 25 mm (0.98")	SPM	1-183	n/a	n/a	n/a	n/a
Standard Energy	kJ	3.6	4.6	2.0	4.6	2.0
	In.-Ton	16	20	9	20	9

P2H-FX-160

Stroke Length	mm	75		100		125	150
	Inch	2.95		3.94		4.92	5.91
Continuous Speed (reduced rating)	SPM	1-170	1-250	1-170	1-250	1-170	1-170
Servo Motor Power		Standard Power 36kW (1 x #81)					
Rated Distance Off Bottom	mm	2,4					
	Inch	0.09					
• Standard Forming Profile	SPM	1-115					
• Pendulum 50 mm (1.97")	SPM	1-111					
• Pendulum 30 mm (1.18")	SPM	1-135					
Standard Energy	kJ	9.8					
	In.-Ton	43					
Servo Motor Power		Standard Power 36 kW (1 x #83)					
Rated Distance Off Bottom	mm	5,0	2,0	3,5		2,7	2,2
	Inch	0.20	0.08	0.14		0.11	0.09
• Standard Forming Profile	SPM	1-115	1-157	1-115		1-115	1-115
• Pendulum 100 mm (3.94")	SPM	n/a	n/a	n/a		1-104	1-114
• Pendulum 75 mm (2.95")	SPM	n/a	n/a	1-107		1-120	1-128
• Pendulum 50 mm (1.97")	SPM	1-111	1-135	1-127		1-140	1-150
• Pendulum 30 mm (1.18")	SPM	1-137	1-168	1-153		n/a	n/a
Standard Energy	kJ	8.0	6.0	8.0		8.0	8.0
	In.-Ton	35	27	35		35	35
Servo Motor Power		High Power 55 kW (1 x #85)					
Rated Distance Off Bottom	mm		4,4	7,7	3,1	5,7	4,6
	Inch		0.17	0.30	0.12	0.22	0.18
• Standard Forming Profile	SPM		1-164	1-112	1-164	1-112	1-112
• Pendulum 100 mm (3.94")	SPM		n/a	n/a	n/a	1-105	1-116
• Pendulum 75 mm (2.95")	SPM		n/a	1-101	1-142	1-120	1-130
• Pendulum 50 mm (1.97")	SPM		1-150	1-130	1-171	1-141	1-153
• Pendulum 30 mm (1.18")	SPM		1-186	1-160	1-207	n/a	n/a
Standard Energy	kJ		10.2	12.3		14.5	14.5
	In.-Ton		45	54	45	64	64