

Single Geared, Twin Drive Specifications & Dimensions

ALL DIMENSION IN INCHES

Ref. Notes	Dim. Pg. 11	PRESS SIZE	E2-200	E2-300	E2-400	E2-600	E2-800	E2-1000	E2-1200	E2-1600
		Dimensions Common to All Widths								
1		Capacity @ Distance Off Bottom	200/0.25	300/0.25	400/0.25	600/0.25	800/0.50	1000/0.50	1200/0.50	1600/0.50
	A	Dia. of Shaft at Main Bearings	7	8	9	11	12	13.5	14	15
		Maximum Speed (SPM) Per Standard Stroke Length Std. Drive (ASM Drive)	STROKE LENGTH	8	100 (N/A)	100 (80)	100 (80)			
				10	100 (N/A)	80 (80)	100 (60)			
				12	100 (N/A)	80 (80)	80 (50)	80 (60)	60 (60)	60 (60)
				14	80 (N/A)	60 (60)	60 (50)	60 (60)	60 (60)	60 (60)
				16			60 (50)	60 (60)	60 (60)	60 (60)
				20			50 (50)	50 (50)	50 (50)	50 (50)
				24			40 (40)	40 (40)	40 (40)	40 (40)
2		Shutheight Adjustment (Standard)	6	6	6	10	10	12	12	12
	B	Shutheight on Bolster (S.D.A.U.) Std.	24-44	24-44	24-44	24-44	24-44	25-50	25-50	2-50
	C	Bolster Plate Thickness	5	6	6	7	8	9	9	10.5
3	D	Upright Opening	25	33	48	53	63	63	63	63
		Drive Motor Horsepower (Standard)	40	40-50	40-75	50-150	100-150	307-382	150-200	150-300
4	E	Approximate Overall Height - Std.	192-223	198-229	234-260	248-278	293-326	307-382	309-362	363-403
		WIDTH OF PRESS	72	72						
5		Approximate Weight-Press Only (lbs.)	64,000	90,000						
	J x K	Area of Slide Bed & Bolster (R-L x F-B)	72 x 48	72 x 48						
6	L x M	Opening in Bed - Maximum (R-L x F-B)	66 x 24	66 x 24						
	F	Floor to Top of Bed	35.75	34						
	G x H	Overall Floor Space (R-L x F-B)	108.5 x 72	114 x 82						
		WIDTH OF PRESS	96	96	96					
5		Approximate Weight-Press Only (lbs.)	80,000	108,000	140,000	185,000				
	J x K	Area of Slide Bed & Bolster (R-L x F-B)	96 x 48	96 x 48	96 x 60	96 x 60				
6	L x M	Opening in Bed - Maximum (R-L x F-B)	90 x 24	90 x 24	90 x 24	90 x 26				
	F	Floor to Top of Bed	35.75	34	46	46				
	G x H	Overall Floor Space (R-L x F-B)	132.5 x 72	138 x 82	144.5 x 116	151 x 120				
		WIDTH OF PRESS	120	120	120	120				
5		Approximate Weight-Press Only (lbs.)		125,000	164,000	225,000				
	J x K	Area of Slide Bed & Bolster (R-L x F-B)		120 x 48	120 x 60	120 x 60				
6	L x M	Opening in Bed - Maximum (R-L x F-B)		112 x 24	114 x 24	114 x 26				
	F	Floor to Top of Bed		34	46	46				
	G x H	Overall Floor Space (R-L x F-B)		162 x 82	168.5 x 116	175 x 120				
		WIDTH OF PRESS			144	144	144	144	144	
5		Approximate Weight-Press Only (lbs.)			200,000	238,000	277,000	371,000	416,000	
	J x K	Area of Slide Bed & Bolster (R-L x F-B)			144 x 60	144 x 60	144 x 72	144 x 72	144 x 72	
6	L x M	Opening in Bed - Maximum (R-L x F-B)			138 x 24	138 x 26	138 x 30	138 x 30	138 x 30	
	F	Floor to Top of Bed			46	46	59.75	59.75	59.75	
	G x H	Overall Floor Space (R-L x F-B)			192.5 x 116	199 x 120	205 x 146	205 x 146	205 x 146	
		WIDTH OF PRESS				168	168	168	168	
5		Approximate Weight-Press Only (lbs.)				263,000	325,000	395,000	430,000	
	J x K	Area of Slide Bed & Bolster (R-L x F-B)				168 x 60	168 x 72	168 x 72	168 x 72	
6	L x M	Opening in Bed - Maximum (R-L x F-B)				162 x 26	162 x 30	162 x 36	162 x 36	
	F	Floor to Top of Bed				46	59.75	59.75	59.75	
	G x H	Overall Floor Space (R-L x F-B)				223 x 120	229 x 146	229 x 146	229 x 146	
		WIDTH OF PRESS						204	204	204
5		Approximate Weight-Press Only (lbs.)						475,000	520,000	720,000
	J x K	Area of Slide Bed & Bolster (R-L x F-B)						204 x 72	204 x 72	204 x 78
6	L x M	Opening in Bed - Maximum (R-L x F-B)						198 x 36	198 x 36	198 x 38
7	F	Floor to Top of Bed						79.75	79.75	88
	G x H	Overall Floor Space (R-L x F-B)						265 x 146	265 x 146	271 x 146
		WIDTH OF PRESS						240	240	240
5		Approximate Weight-Press Only (lbs.)						570,000	600,000	850,000
	J x K	Area of Slide Bed & Bolster (R-L x F-B)						240 x 72	240 x 72	240 x 78
6	L x M	Opening in Bed - Maximum (R-L x F-B)						234 x 36	234 x 36	234 x 40
7	F	Floor to Top of Bed						79.75	79.75	88
	G x H	Overall Floor Space (R-L x F-B)						301 x 146	301 x 146	307 x 146

REFERENCE NOTES

1. For full tonnage high in stroke, consult Minster.

2. Consult Minster for upright openings other than standard.

3. Overall height may be reduced on some presses if headroom problem exists (Special drive mounting can be supplied at extra cost.)
4. All weights listed are based on Single-Geared, Twin-Drive type having standard stroke and shutheight and do not include electrical controls, drive motor or auxiliary equipment.

5. In widths over 72", there will be a front-to-back support rib(s) across bed opening - normally in the center.

6. E2-1000-180 & 216, E2-1200-180 & 240, and E2-1600 will require a pit.

†For sizes, specifications, and dimensions not listed, please consult Minster.

Single Geared, Twin Drive Specifications & Dimensions

ALL DIMENSIONS IN MILLIMETERS

Ref. Notes	Dim. Pg. 11	PRESS SIZE	E2-200	E2-300	E2-400	E2-600	E2-800	E2-1000	E2-1200	E2-1600
		Dimensions Common to All Widths								
1		Capacity @ Distance Off Bottom	1780 kN/6,4	2670 kN/6,4	3560 kN/6,4	5340 kN/6,4	7120 kN/12,7	8900 kN/12,7	10.675 kN/12,7	14.235 kN/12,7
	A	Dia. of Shaft at Main Bearings	175	205	230	280	305	345	355	380
		Maximum Speed (SPM) Per Standard Stroke Length Std. Drive (ASM Drive)	STROKE LENGTH	8	100 (N/A)	100 (80)	100 (80)			
				10	100 (N/A)	80 (80)	100 (60)			
				12	100 (N/A)	80 (80)	80 (50)	80 (60)	60 (60)	60 (60)
				14	80 (N/A)	60 (60)	60 (50)			
				16			60 (50)	60 (60)	60 (60)	60 (60)
				20			50 (50)	50 (50)	50 (50)	50 (50)
				24			40 (40)	40 (40)	40 (40)	40 (40)
2		Shutheight Adjustment (Standard)	150	150	150	255	255	305	305	305
	B	Shutheight on Bolster (S.D.A.U.) Std.	610-1120	610-1120	610-1120	610-1120	610-1120	635-1270	635-1270	635-1270
	C	Bolster Plate Thickness	125	150	150	180	205	230	230	265
3	D	Upright Opening	635	840	1220	1345	1600	1600	1600	1600
		Drive Motor Kilowatts (Standard)	30	30-37	40-56	37-112	75-112	112-150	112-150	112-225
4	E	Approximate Overall Height - Std.	4875-5665	5030-5813	5945-6605	6300-7060	7440-6280	7800-9700	7850-9195	9220-10.235
		WIDTH OF PRESS	1830	1830						
5		Approximate Weight-Press Only (kgs.)	28.800	40.500						
	J x K	Area of Slide Bed & Bolster (R-L x F-B)	1830 x 1220	1830 x 1220						
6	L x M	Opening in Bed - Maximum (R-L x F-B)	1675 x 610	1675 x 610						
	F	Floor to Top of Bed	910	865						
	G x H	Overall Floor Space (R-L x F-B)	2755 x 1830	2895 x 2080						
		WIDTH OF PRESS	2440	2440	2440					
5		Approximate Weight-Press Only (kgs.)	36.000	48.600	63.000	185,000				
	J x K	Area of Slide Bed & Bolster (R-L x F-B)	2440 x 1220	2440 x 1220	2440 x 1525	2440 x 1525				
6	L x M	Opening in Bed - Maximum (R-L x F-B)	2285 x 610	2285 x 610	2285 x 610	2285 x 660				
	F	Floor to Top of Bed	910	865	1170	1170				
	G x H	Overall Floor Space (R-L x F-B)	3365 x 1830	3505 x 2080	3670 x 2945	3835 x 3050				
		WIDTH OF PRESS		3050	3050	3050				
5		Approximate Weight-Press Only (kgs.)		56.250	73.800	102.000				
	J x K	Area of Slide Bed & Bolster (R-L x F-B)		3050 x 1220	3050 x 1525	3050 x 1525				
6	L x M	Opening in Bed - Maximum (R-L x F-B)		2845 x 610	2895 x 610	2895 x 660				
	F	Floor to Top of Bed		865	1170	1170				
	G x H	Overall Floor Space (R-L x F-B)		4115 x 2080	4280 x 2945	4445 x 3050				
		WIDTH OF PRESS			3660	3660	3660	3660	3660	
5		Approximate Weight-Press Only (kgs.)			90.000	170.100	124.650	166.950	187.200	
	J x K	Area of Slide Bed & Bolster (R-L x F-B)			3660 x 1525	3660 x 1525	3660 x 1830	3660 x 1830	3660 x 1830	
6	L x M	Opening in Bed - Maximum (R-L x F-B)			3050 x 610	3050 x 660	3050 x 760	3050 x 760	3050 x 760	
	F	Floor to Top of Bed			1170	1170	1520	1520	1520	
	G x H	Overall Floor Space (R-L x F-B)			192.5 x 2945	199 x 3050	205 x 146	205 x 146	205 x 146	
		WIDTH OF PRESS				4265	4265	4265	4265	
5		Approximate Weight-Press Only (kgs.)				118.350	146.250	179.000	193.500	
	J x K	Area of Slide Bed & Bolster (R-L x F-B)				4265 x 1525	4265 x 1830	4262 x 1830	4265 x 1830	
6	L x M	Opening in Bed - Maximum (R-L x F-B)				4115 x 660	4115 x 760	4115 x 915	4115 x 915	
	F	Floor to Top of Bed				1170	1520	1520	1520	
	G x H	Overall Floor Space (R-L x F-B)				5665 x 3050	5760 x 3710	5760 x 3710	5760 x 3710	
		WIDTH OF PRESS						5180	5180	5180
5		Approximate Weight-Press Only (kgs.)						215.450	235.900	326.600
	J x K	Area of Slide Bed & Bolster (R-L x F-B)						5180 x 1830	5180 x 1830	5180 x 1980
6	L x M	Opening in Bed - Maximum (R-L x F-B)						5030 x 915	5030 x 915	5030 x 965
7	F	Floor to Top of Bed						2025	2025	2235
	G x H	Overall Floor Space (R-L x F-B)						6730 x 3710	6730 x 3710	6885 x 3710
		WIDTH OF PRESS						6095	6095	6095
5		Approximate Weight-Press Only (kgs.)						258.500	272.200	385.500
	J x K	Area of Slide Bed & Bolster (R-L x F-B)						6095 x 1830	6095 x 1830	6095 x 1980
6	L x M	Opening in Bed - Maximum (R-L x F-B)						5945 x 915	5945 x 915	5945 x 1015
7	F	Floor to Top of Bed						2025	2025	2235
	G x H	Overall Floor Space (R-L x F-B)						7645 x 3710	7645 x 3710	7800 x 3710

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- All weights listed are based on Single-Geared, Twin-Drive type having standard stroke and shutheight and do not include electrical controls, drive motor or auxiliary equipment.
- In widths over 1830mm, there will be a front-to-back support rib(s) across bed opening - normally in the center.
- E2-1000-180 & 216, E2-1200-180 & 240, and E2-1600 will require a pit.

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