

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	A	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		
		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 HEIGHT	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)	60 (60)	60 (60)
				14	80 (N/A)	60 (60)	60 (50)					
				16				60 (50)	60 (60)	60 (60)	60 (60)	60 (60)
	20				50 (50)	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		Upright Opening	25	33	48	53	63	63	63	63		
	D	Drive Motor Horsepower (Standard)	40	40-50	40-75	50-150	100-150	307-382	150-200	150-300		
4		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		Opening in Bed - Maximum (R-L x F-B)	66 x 24	66 x 24								
	L x M											
	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		Opening in Bed - Maximum (R-L x F-B)	90 x 24	90 x 24	90 x 24	90 x 26						
	L x M											
	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		Opening in Bed - Maximum (R-L x F-B)		112 x 24	114 x 24	114 x 26						
	L x M											
	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	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		Opening in Bed - Maximum (R-L x F-B)			138 x 24	138 x 26	138 x 30	138 x 30	138 x 30			
	L x M											
	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	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		Opening in Bed - Maximum (R-L x F-B)				162 x 26	162 x 30	162 x 36	162 x 36			
	L x M											
	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		Opening in Bed - Maximum (R-L x F-B)						198 x 36	198 x 36	198 x 38		
	L x M											
	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		Opening in Bed - Maximum (R-L x F-B)						234 x 36	234 x 36	234 x 40		
	L x M											
	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

- For full tonnage high in stroke, consult Minster.
- Consult Minster for upright openings other than standard.
- Overall height may be reduced on some presses if headroom problem exists (Special drive mounting can be supplied at extra cost.)
- 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 72", 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.

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

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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)	HEIGHT	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)	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	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	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	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	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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