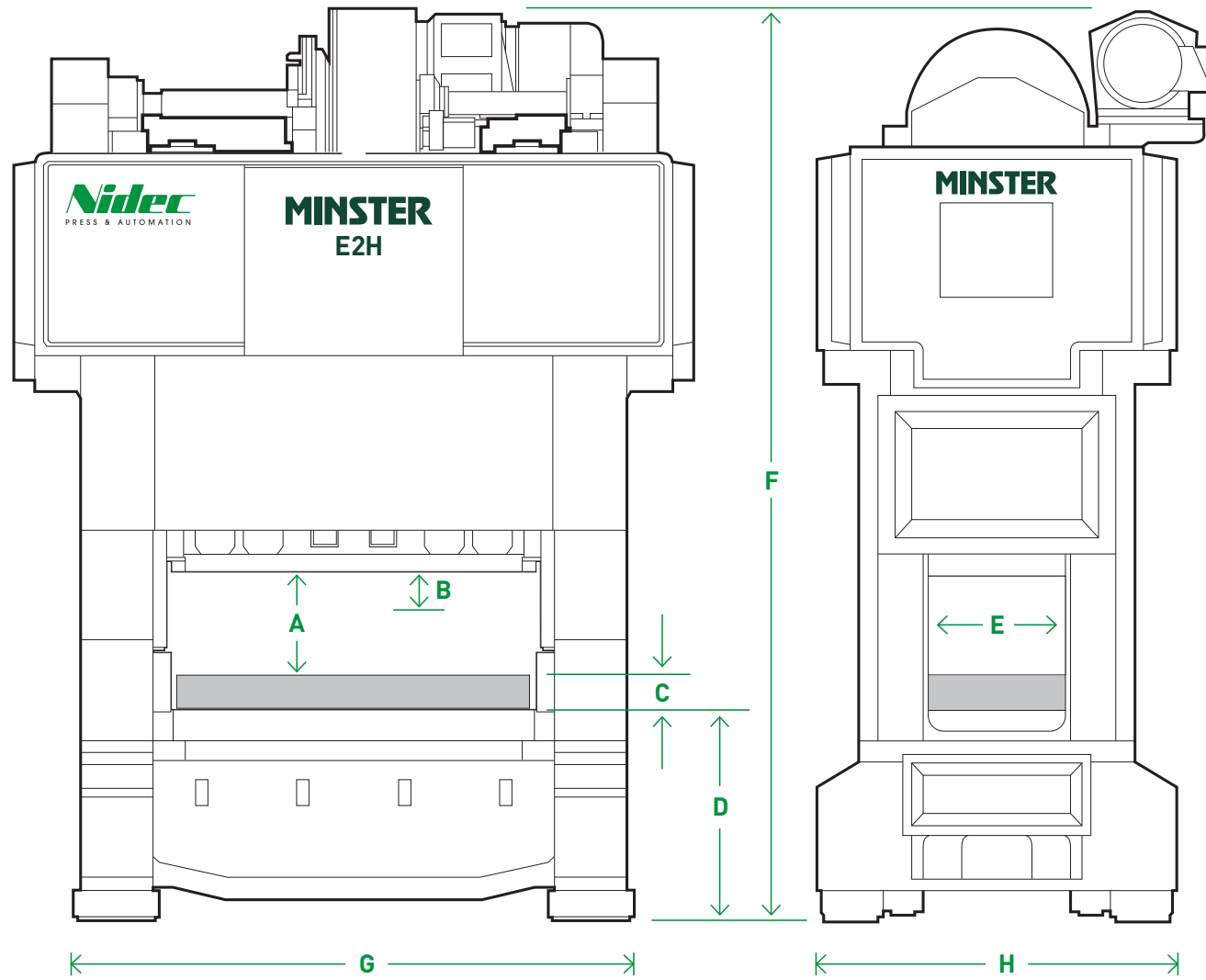


SPECIFICATIONS & DIMENSIONS



		E2H									
Tonnage	kN / tons	2,200/250		3,100/350		4,000/450			5,400/600		
Width	mm / inch	2,200/86	3,050/120	2,200/86	3,050/120	2,550/100	3,050/120	3,700/146	3,050/120	3,700/146	4,300/169
A	Shutheight on Bolster (SDAU)	550 mm 21.65 in	550 mm 21.65 in	550 mm 21.65 in	550 mm 21.65 in	640 mm 25.20 in	640 mm 25.20 in		660 mm 25.98 in	660 mm 25.98 in	
		600 mm 23.62 in	600 mm 23.62 in	600 mm 23.62 in	600 mm 23.62 in	750 mm 29.53 in	750 mm 29.53 in	750 mm 29.53 in	810 mm 31.89 in	810 mm 31.89 in	810 mm 31.89 in
		700 mm 27.56 in	700 mm 27.56 in	700 mm 27.56 in	700 mm 27.56 in	860 mm 33.86 in	860 mm 33.86 in	860 mm 33.86 in	960 mm 37.80 in	960 mm 37.80 in	960 mm 37.80 in
								1,110 mm 43.70 in	1,110 mm 43.70 in	1,110 mm 43.70 in	1,110 mm 43.70 in
B	Shutheight Adjustment	175 mm 6.88 in	175 mm 6.88 in	175 mm 6.88 in	175 mm 6.88 in	200 mm 7.87 in	200 mm 7.87 in	200 mm 7.87 in	260 mm 10.24 in	260 mm 10.24 in	260 mm 10.24 in
C	Bolster Thickness	150-205 mm 6.0-8.0 in	150-205 mm 6.0-8.0 in	150-205 mm 6.0-8.0 in	150-205 mm 6.0-8.0 in	180-220 mm 7.0-8.7 in	180-220 mm 7.0-8.7 in	150-250 mm 6.0-10.00 in	180-230 mm 7.0-9.0 in	180-230 mm 7.0-9.0 in	180-255 mm 7.0-10.0 in
D	Floor To Top Of Bed	1,085 mm 42.62 in	1,090 mm 42.88 in	1,085 mm 42.62 in	1,090 mm 42.88 in	1,290 mm 50.75 in	1,290 mm 50.75 in	1,525 mm 60.12 in	1,465 mm 57.75 in	1,465 mm 57.75 in	1,525 mm 60.12 in
E	Upright Opening	850 mm 33.50 in	850 mm 33.50 in	850 mm 33.50 in	850 mm 33.50 in	1,205 mm 47.50 in	1,205 mm 47.50 in	1,625 mm 64.00 in	1,360 mm 53.50 in	1,360 mm 53.50 in	1,930 mm 76.00 in
F	Overall Height (Max.)	5,850 mm 230 in	5,850 mm 230 in	5,895 mm 232 in	5,895 mm 232 in	6,985 mm 275 in	6,985 mm 275 in	7,545 mm 297 in	7,495 mm 295 in	7,570 mm 298 in	8,000 mm 315 in
G	Floor Space (R-L)	3,385 mm 133.25 in	4,235 mm 166.75 in	3,385 mm 133.25 in	4,235 mm 166.75 in	4,065 mm 160 in	4,575 mm 180 in	5,235 mm 206 in	4,580 mm 180.25 in	5,235 mm 206 in	5,840 mm 230 in
H	Floor Space (F-B)	2,170 mm 85.50 in	2,170 mm 85.50 in	2,170 mm 85.50 in	2,170 mm 85.50 in	2,945 mm 116.00 in	2,945 mm 116.00 in	3,300 mm 130.00 in	3,075 mm 121.00 in	3,075 mm 121.00 in	3,645 mm 143.50 in

		E2HF			
Tonnage	kN / tons	2,200/250	3,100/350	4,000/450	5,400/600
Width	mm / inch	2,000/79	2,200/86	2,550/100	3,050/120
A	Shutheight on Bolster (SDAU)	450 mm 17.72 in	450 mm 17.72 in	475 mm 18.70 in	590 mm 23.23 in
		550 mm 21.65 in	550 mm 21.65 in	575 mm 22.64 in	
				675 mm 26.57 in	
B	Shutheight Adjustment	175 mm 6.88 in	175 mm 6.88 in	200 mm 7.87 in	260 mm 10.24 in
C	Bolster Thickness	180 mm 7.09 in	180 mm 7.09 in	180-200 mm 7.09 in	205-230 mm 8.0-9.0 in
D	Floor To Top Of Bed	1,085 mm 42.62 in	1,085 mm 42.62 in	1,290 mm 50.75 in	1,465 mm 57.75 in
E	Upright Opening	700 mm 27.50 in	700 mm 27.50 in	1,055 mm 41.50 in	1,200 mm 47.20 in
F	Overall Height (Max.)	5,350 mm 218.50 in	5,350 mm 218.50 in	6,580 mm 259 in	7,110 mm 280 in
G	Floor Space (R-L)	3,385 mm 133.25 in	3,385 mm 133.25 in	4,065 mm 160 in	4,580 mm 180.25 in
H	Floor Space (F-B)	2,170 mm 85.5 in	2,170 mm 85.5 in	2,945 mm 116 in	3,075 mm 121 in

		E2H-250			E2H-350		
Drive Type	Geared-Twin Drive			Geared-Twin Drive			
Tons Capacity	2,225 kN @ 6 or 10 mm Off Bot. 250 @ 0.236 in or 0.394 in ¹ Off Bot.			3,100 kN @ 6 or 10mm Off Bot. 350 @ 0.236 in or 0.394 in ¹ Off Bot.			
Slide Stroke vs. Speed (SPM)	Stroke	Standard Speed Standard Drive	Maximum Speed ASM Drive	Maximum Speed Standard Drive	Standard Speed Standard Drive	Maximum Speed ASM Drive	Maximum Speed Standard Drive
	75 mm ~ 2.95 in	30-100	30-100	65-225	30-100	35-100	65-225
	100 mm ~ 3.94 in	30-100	30-100	65-200	30-100	35-100	65-200
	150 mm ~ 5.91 in	30-100	30-100	40-150	30-100	35-100	45-150
	200 mm ~ 7.88 in	30-100	30-100	40-130	30-100	35-100	45-130
	250 mm ~ 9.84 in ⁴	30-70	30-100	30-100	30-70	35-100	30-100
	300 mm ~ 11.81 in ^{4,5}	30-70	30-90	30-90	30-70	35-90	30-90
	350 mm ~ 13.78 in ^{4,5}	N/A	N/A	N/A	N/A	N/A	N/A
	400 mm ~ 15.75 in ^{4,5}	N/A	N/A	N/A	N/A	N/A	N/A
450 mm ~ 17.72 in ⁵	N/A	N/A	N/A	N/A	N/A	N/A	
Quick Access Slide Travel	75 mm ~ 2.95 in			75 mm ~ 2.95 in			
Upright Opening	850 mm ~ 33.50 in			850 mm ~ 33.50 in			
Area of Bolster & Slide (R-L x F-B)	2,200 x 1,205 mm 86.6 x 47.5 in	3,050 x 1,205 mm 120.0 x 47.5 in		2,200 x 1,205 mm 86.6 x 47.5 in	3,050 x 1,205 mm 120.0 x 47.5 in		
Opening in Bed (R-L x F-B)	1,950 x 380 mm 76.8 x 15.0 in	2,800 x 380 mm 110.2 x 15.0 in		1,950 x 380 mm 76.8 x 15.0 in	2,800 x 380 mm 110.2 x 15.0 in		
Approximate Weight	63,050 kg 139,000 lbs	72,575 kg 160,000 lbs		67,580 kg 149,000 lbs	76,650 kg 169,000 lbs		

		E2HF-250		E2HF-350		
Drive Type	Flywheel		Flywheel			
Tons Capacity @ 1.6 mm / .063 in off bot.	2,225 kN ~ 250 tons		3,100 kN ~ 350 tons			
Slide Stroke vs. Speed (SPM)	Stroke	Speed	Stroke	Speed		
	30 mm ~ 1.18 in	65-335 SPM	30 mm ~ 1.18 in	95-325 SPM		
	40 mm ~ 1.57 in	65-285 SPM	35 mm ~ 1.38 in	95-300 SPM		
	50 mm ~ 1.97 in	65-260 SPM	40 mm ~ 1.57 in	95-275 SPM		
	60 mm ~ 2.36 in	65-250 SPM	50 mm ~ 1.97 in	95-250 SPM		
Quick Access Slide Travel	75 mm ~ 2.95 in		75 mm ~ 2.95 in			
Upright Opening	700 mm ~ 27.50 in		700 mm ~ 27.50 in			
Area of Bolster & Slide (R-L x F-B)	2,200 x 1,100 mm 86.6 x 43.3 in	3,050 x 1,205 mm 120.0 x 47.5 in		2,200 x 1,205 mm 86.6 x 47.5 in	3,050 x 1,205 mm 120.0 x 47.5 in	
Opening in Bed (R-L x F-B)	1,950 x 380 mm 76.8 x 15.0 in	2,800 x 380 mm 110.2 x 15.0 in		1,950 x 380 mm 76.8 x 15.0 in	2,800 x 380 mm 110.2 x 15.0 in	
Approximate Weight	58,510 kg 129,000 lbs	67,725 kg 149,000 lbs		59,000 kg 130,000 lbs	68,100 kg 150,000 lbs	

			E2H-450			E2H-600			
Drive Type			Geared-Twin Drive			Geared-Twin Drive			
Tons Capacity			4,000 kN @ 6 or 10mm Off Bot. 450 @ 0.236 in or .394 in ¹ Off Bot.			5,350 kN @ 8 or 12mm Off Bot. 600 @ .315 in or 0.473 in ¹ Off Bot.			
Slide Stroke vs. Speed (SPM)	Standard Speed Standard Drive	Maximum Speed ASM Drive	Maximum Speed Standard Drive	Standard Speed Standard Drive	Maximum Speed ASM Drive	Maximum Speed Standard Drive	Standard Speed Standard Drive	Maximum Speed ASM Drive	Maximum Speed Standard Drive
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30-100	40-120	40-140	N/A	N/A	N/A	N/A	N/A	N/A
	30-90	40-110	40-130	25-70	40-85	40-120	25-70	40-85	40-110
	30-80	35-95	40-110	25-70	40-85	40-110	25-70	40-85	40-100
	30-70	35-80	30-100	25-70	40-80	40-100	25-70	40-80	40-100
	30-60	35-75	30-90	25-60	30-75	25-75	25-60	30-70	25-75
	30-60	35-70	30-80	25-60	30-70	25-75	25-60	30-70	25-75
	SEE NOTE 4			25-50	30-60	25-70	SEE NOTE 5		
	N/A	N/A	N/A	SEE NOTE 5			SEE NOTE 5		
	Quick Access Slide Travel			75 mm ~ 2.95 in			75 mm ~ 2.95 in		
	Upright Opening			75 mm ~ 2.95 in			75 mm ~ 2.95 in		
	Area of Bolster & Slide (R-L x F-B)			1,205 mm 47.50 in	1,625 mm 64.0 in	1,360 mm 53.50 in	1,955 mm 77.0 in		
Opening in Bed (R-L x F-B)			2,550 x 1,400 mm 100.4 x 55.1 in	3,050 x 1,400 mm 120 x 55.1 in ^{2,3}	3,700 x 1,500 mm 145.7" x 59 in ^{2,3}	3,050 x 1,500 mm 120.0 x 59.0 in	3,700 x 1,500 mm 145.7 x 59 in ^{2,3}	4,300 x 1,900 mm 169 x 75 in ^{2,3}	
Approximate Weight			113,400 kg 250,000 lbs	127,000 kg 280,000 lbs	148,500 kg 330,000 lbs	151,490 kg 334,000 lbs	158,800 kg 350,000 lbs	180,000 kg 400,000 lbs	

		E2HF-450		E2HF-600	
Drive Type		Flywheel		Flywheel	
Tons Capacity @ 1.6 mm / .063 in off bot.		4,000 kN ~ 450 tons		5,350 kN ~ 600 tons	
Slide Stroke vs. Speed (SPM)	Stroke	Speed	Stroke	Speed	
	35 mm ~ 1.38 in	85-300 SPM	30 mm ~ 1.18 in	80-275 SPM	
	50 mm ~ 1.97 in	85-275 SPM	40 mm ~ 1.57 in	80-225 SPM	
	75 mm ~ 2.95 in	85-250 SPM	50 mm ~ 1.97 in	80-200 SPM	
	100 mm ~ 3.94 in	85-225 SPM	100 mm ~ 3.94 in	80-150 SPM	
	Quick Access Slide Travel		75 mm ~ 2.95 in		75 mm ~ 2.95 in
Upright Opening		1,055 mm ~ 41.50 in		1,200 mm ~ 47.20 in	
Area of Bolster & Slide (R-L x F-B)		2,550 x 1,400 mm 100.4 x 55.1 in	3,050 x 1,400 mm 120.0 x 55.1 in	3,050 x 1,500 mm 120.0 x 59.0 in	
Opening in Bed (R-L x F-B)		2,300 x 520 mm 90.5 x 20.5 in	2,800 x 520 mm 110.2 x 20.5 in	2,800 x 570 mm 110.2 x 22.5 in	
Approximate Weight		108,900 kg 240,000 lbs	122,700 kg 270,000 lbs	129,300 kg 285,000 lbs	

- Notes:**
- At higher distances above bottom, lower speeds increase by 5 SPM, with no maximum SPM option available on standard drive presses.
 - Double gear option is available in bed sizes (marked 2). Consult Minster for speed ranges. Speed range for all double geared presses is 15-40 SPM.
 - Uses steel welded crown.
 - Stroke lengths available on E2H-450-146 model. Consult Minster for speed ranges.
 - Stroke lengths available on E2H-600-169 model. Consult Minster for speed ranges.
 - Maximum SPM reduced by 5 SPM with the ASM option.