

INCLINABLE PRESS SPECIFICATIONS



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FORCE EXERTED near bottom of Stroke — adjustment up — Bolster plate to slide Stroke down —	2 ton	4 ton	8 ton	17 ton	23 ton	300 kN	45 ton	60 ton	80 ton	125 ton
DIE SPACE — Bolster plate to slide Stroke down — adjustment up	3½	5	5	6½	7	205 mm	9	10	12	15½
STANDARD STROKE OF SLIDE	1	1½	1½	1½	2¼	70 mm	3¼	3½	4	5
Variable Stroke Unit (Extra — See Page 24). Special Stroke Crankshaft can be fitted at extra cost.	—	—	—	½-2½	½-3	12 to 89 mm	1-4¼	1-4½	1-5½	1-6
MAXIMUM STROKE without modification to the press	1	1½	2½	4	4	115 mm	6	7	8	10
SLIDE ADJUSTMENT	1	1½	1½	2½	2½	75 mm	3	3	3	3½
DIE SHANK — Dia. x length	¾ x 1½	1½ x 2	1½ x 2¼	1½ x 2¼	2 x 2¼	2" x 58 mm	2 x 2¼	2 x 2¼	2 x 2¼	3½ x 3
KNOCK-OUT BAR IN SLIDE: Max. Stroke	½	¾	1	1¼	1¼	35 mm	1¾	1¾	1¾	3¾
Distance from bottom of slot to base of slide	1½	2¼	2¼	2½	2½	67 mm	2¾	2¾	3½	4
AREA OF BEDPLATE — R to L x F to B	9 x 7	12 x 8	16 x 10	18 x 13½	21 x 14½	620 x 435 mm	29 x 18½	32 x 21	36 x 24	42 x 27
THICKNESS OF BEDPLATE	—	—	2¼	2¼	2½	70 mm	3¼	3½	3¾	4
HEIGHT-FROM FLOOR TO TOP OF BEDPLATE (Press Vertical)	38½	37½	32	32	31	815 mm	33	34	35¾	41
OPENING IN BEDPLATE — Standard Special openings can be provided at extra cost.	—	—	2 dia.	2½ dia.	3 dia.	102 mm dia.	4 dia.	4 dia.	5 dia.	6 dia.
OPENING IN PRESS BED — R to L x F to B	3½ x 2½	5 x 2	8 x 6	9¼ x 7½	11 x 9	330 x 280 mm	14 x 12	15 x 12	18¼ x 14 16½ dia	21 x 15 16½ dia
DISTANCE BACK FROM CENTRE OF SLIDE TO FRAME AT DIE LEVEL	4	4½	6	7½	8	245 mm	10	11	12¼	14
WIDTH OF OPENING BETWEEN SIDE FRAMES AT DIE LEVEL	3	5¼	7½	9	11	330 mm	14	15	18¼	21
MAXIMUM INCLINATION OF FRAME	45°	45°	45°	45°	45°	30°	30°	30°	30°	30°
CLUTCH	KEY	KEY	KEY	KEY	KEY	KEY	KEY Air friction clutch optional extra	KEY optional extra	KEY see page 16	KEY
FLOOR SPACE OVERALL — R to L x F to B	21½ x 24	25½ x 29½	25¼ x 37¼	29 x 57	35¼ x 61	1215 x 1640	48 x 77	48 x 87	60 x 96	77 x 115
EXTREME HEIGHT IN METRES	1.5	1.58	1.7	1.8	2	2.1	2.3	2.7	3	4.1
Specifications relating to Direct Drive Machines only: STROKES PER MINUTE	200	160	135	130	130	130	110	100	100	90
MOTOR — kW x R.P.M.	2 x 1425	.37 x 935	.75 x 960	1.5 x 950	1.5 x 960	2.2 x 950	4 x 1000	4 x 1000	5.5 x 960	11 x 720
WEIGHT — Unpacked — Kilograms (kg)	127	305	610	889	1322	2000	3051	3762	6356	11543
WEIGHT — Packed — Kilograms (kg)	178	445	788	1118	1576	2185	3661	4423	7119	12560
SHIPPING MEASUREMENT — Cubic Metres (m³)	.532	.616	1.4	1.96	2.43	4.2	6.72	7.84	11.03	23.8
Specifications relating to Geared Machines only: STROKES PER MINUTE	—	—	—	—	—	65	55	50	50	40
MOTOR — kW x R.P.M.	—	—	—	—	—	2.2 x 1440	4 x 1440	4 x 1440	5.5 x 1440	11 x 1440
WEIGHT — Unpacked — Kilograms (kg)	—	—	—	—	—	2300	3203	3966	7119	13068
WEIGHT — Packed — Kilograms (kg)	—	—	—	—	—	2485	3864	4678	7881	14085
SHIPPING MEASUREMENT — Cubic Metres (m³)	—	—	—	—	—	4.2	6.72	7.84	11.03	23.8

Products & Services

JOHN HEINE PRESS SPECIFICATION TABLE

PRESS MODEL NO.*	Press Capacity (tons)	Die Space with Std. Stroke down adj. up	Std. Stroke of Slide	Adj. of Slide	Die Shank (Dia x Depth)	Area of Bedplate R. to L. x F. to B.	Thickness of Bedplate	Std. Hole in Bedplate	Dist. Back from Centre of Slide to Frame at Die Level	Width of Opening in Back of Frame at Die Level	Standard Opening in Bed of Press R. to L. x F. to B.	Knock out in Slide Single Bar type - Stroke	Dist. From Face of Slide to bottom of K.O. Slot	Mass (kg)
199A Series 2	1½	3¾	1	1	¾ x 1¼	9x7	Solid bed type	-	4	3	3½ x 2½	½	1 5/8	130
199A Series 3	2	3¾	1	1	¾ x 1¼	9x7		-	4	3	3½ x 2½	½	1 5/8	130
200A Series 2	3	5	1¼	1¼	1¼ x 2	12 x 8		-	4 7/8	5¼	5 x 2	7/8	2¼	300
200A Series 3	4	5	1¼	1¼	1¼ x 2	12 x 8		-	4 7/8	5¼	5 x 2	7/8	2¼	300
200A Series 4	4	5	1¼	1¼	1¼ x 2	12 x 8		-	4 7/8	5¼	5 x 2	7/8	2¼	300
201A Series 2	8	5	1 5/8	1½	1¼ x 2	16 x 10	2¼	2 dia.	6	7½	8 x 6	1	2¼	610
202A Series 2	15	5	1¾	2	1½ x 2¼	18 x 12	2½	2½ dia.	7	8½	9 x 7½	1¼	2 5/8	820
202A Series 3	17	6½	1¾	2½	1½ x 2¼	18 x 13	2¼	2½ dia.	7½	9	9 x 7½	1¼	2 5/8	890
202½A Series 2	20	5¾	2¼	2	2 x 2¼	21 x 14	2 5/8	3 dia.	8	10½	11 x 9	1¼	2 5/8	1220
202½A Series 3	23	7	2¼	2½	2 x 2¼	21 x 14¾	2½	3 dia.	8	11	11 x 9	1¼	2 5/8	1320
203A Series 2	25	6¼	2¾	2	2 x 2¼	24½ x 16	2¾	4 dia.	9	12½	13 x 11	1 3/8	2 5/8	1680
203A Series 3&4	30	8	2¾	3	2 x 2¼	24½ x 17	2¾	4 dia.	9½	12½	13 x 11	1 3/8	2 5/8	1830
205A Series 2	40	8	3¼	2½	2 x 2¼	27 x 17	3¼	4 dia.	9½	13	13½ x 11	1¼	2¾	2900
205A Series 3	45	9	3¼	3	2 x 2¼	29 x 18	3¼	4 dia.	10	14	14 x 11½	1¼	2¾	3050
206A Series 2	50	9	3½	3	2 x 2¼	29 x 18	3½	4 dia.	10	13½	14 x 12	1 7/8	2 7/8	3450
206A Series 3	60	10	3½	3	2 x 2¼	32 x 21	3½	4 dia.	11	15	15 x 12	1 7/8	2 7/8	3760
207A Series 2	80	11	4	3	2 x 2¼	34½ x 23½	3¾	5 dia.	11½	18	18½ x 14	1 7/8	3½	6200
207A Series 3	80	11	4	3	2 x 2¼	34½ x 23½	3¾	5 dia.	12¼	18¼	18¼ x 14	1 7/8	3½	6360
208A Series 1	125	15½	5	3½	3 1/8 x 3	42 x 27	4	6 dia.	14	21	21 x 15	3¼	4	11550

CRANKSHAFT CAPACITY (TONS)

Dist. above Bottom Centre		201A Series 2	202A Series 2	202A Series 3	202½A Series 2	202½A Series 3	203A Series 2	203A Series 3 Series 4	205A Series 2	205A Series 3	206A Series 2	206A Series 3	207A Series 2 Series 3 Series 4	208A Series 1
mm	Ins.													
3	3/16	8	15	17	20	23	25	30	40	45	50	60	80	125
6	¼	7	12	14	13	15	19	20	26	34	38	43	56	100
13	½	4	8	9	10	11	14	17	20	25	28	32	41	71
19	¾	3	7	8	9	10	12	15	18	21	23	27	35	60
25	1	-	-	-	-	-	11	14	17	20	21	25	32	54
32	1¼	-	-	-	-	-	10	13	15	19	19	23	30	50
38	1½	-	-	-	-	-	-	-	15	19	18	22	29	47
45	1¾	-	-	-	-	-	-	-	-	-	18	22	28	46
50	2	-	-	-	-	-	-	-	-	-	-	-	28	45

203A S4 STROKE ADJUSTMENT ½" TO 3½"
12mm to 83mm