

Rousselle Single Point Gap Frame (Cast Iron)

Standard Features

- Cast Frame
- Air Clutch and Shoe Brake
- Crankshaft Motion (40 Ton and Up)
- Eccentric Shaft Motion (15 and 25 Ton Models)
- Wrist Pin Connection
- V Gibbing
- Air Counterbalance System (60 Ton and Up)
- Bolster Plate
- Manual Grease Lubrication
- Solid State Press Control (ANSI B11.1)
- Nema 12 Enclosure Mounted on Press
- Operator Station with Dual Run, Emergency Stop and Stop on Top Palm Buttons
- Supervisory Key Selector Switch for Off, Single Stroke, Inch or Continuous Mode
- Brake Monitor
- Motion Detector
- Dual Air Valve
- Pressure Switches for Clutch/Brake and Counterbalance
- Forward/Reverse Feature
- Stroke Counter

Optional Features

- One Shot Lubrication System
- Self-Monitoring Automatic Lubrication System
- Stroke Lengths other than Standard
- Additional Shut Heights
- T-Slotted Bolster
- Bolster Burnout
- Special Drilling and Machining
- Die Cushions
- Pneumatic Flywheel Brake
- Shaft Extension
- Custom Speeds
- Variable Speed Drive
- Bar Turnover with Key Selector Switch
- Pedestal for Operator Station
- Tonnage Monitor
- Remote Mounted Controls
- Additional Operator Station



Model 6A



STAMPING OUT DOWNTIME™

Specifications

Model Number		2/2E	3/3E	4/4E	6A	8	10
Capacity (Tons) Near B.D.C.		15	25	40	60	85	110
Bed Area (Left-to-Right x Front-to-Back)		16 ¼ x 11	20 x 14	26 x 16	30 x 18	36 x 24	40 x 28
Strokes Per Minute	Non-Geared	160	135	105	110	100	90
	Geared	–	–	45	50	50	45
Shut Height S.D.A.U.		Refer To Shut Height Chart					
Bolster Thickness		1 ¼	1 ½	1 ¾	2	3 ½	4
Slide Adjustment		1 ½	2	3 ½	3 ½	4	4
Bed Opening	Rectangular	8 ½ x 5 ½	12 x 7	14 ½ x 10 ½	16 x 10 ½	17 ¾ x 13 ¾	22 x 16
	Round (Diameter)	8 ½	10	12 ½	12 ½	17	19
Width of Opening Through Back		8 ½	13 ½	16	16	15 ½	20
Depth of Throat from Center Line of Slide		5 ¾	7 ½	9 ½	10 ½	13	14 ¾
Width Across Slide Ears		6 ½	8 ¾	12	16	16	18
Crankshaft Diameter	Main Bearing	1 ½	2 ½	3 ¾	4 ¾	5	5 ½
	Connecting Rod	3 ¾	5 ¾	5	5	6 ½	7 ½
Flywheel Diameter	Non-Geared	18 ½	24	33	38	44	50
	Geared	–	–	21 ¾	21 ¾	33	33
Flywheel Weight (lbs.)	Non-Geared	200	370	800	1250	1900	2150
	Geared	–	–	280	280	565	565
Die Shank Hole Diameter	Standard	1 ⅞	1 ⅞	2	2	2 ½	2 ½
	Maximum	2	2	2 ½	2 ½	2 ½	2 ½
Motor Horsepower		1	2	3	5	7 ½	10
Motor Speed (RPM)	Non-Geared	1750	1175	1175	1175	1175	1175
	Geared	–	–	1750	1750	1750	1750
Floor Space at Base	Left-to-Right	28 ½	34 ¾	39	41	47	52
	Front-to-Back	38 ½	42 ½	55 ½	55 ½	67 ½	68 ½

Shut Height Chart

Shut Height S.D.A.U.													
Stroke	2	2E	3	3E	4	4E	6A	6A + 6	8 STD	8 + 6	10 STD	10 + 4	10 + 8
1"	–	–	–	–	13	19 ¾	13 ½	19 ½	–	–	15	19	23
1 ¼"	–	–	–	–	–	–	–	–	–	–	–	–	–
1 ¾"	–	–	–	–	–	–	–	–	–	–	–	–	–
2"	7 ¾	12	10 ¾	16 ¾	12 ½	19 ¾	13	19	13	19	14 ½	18 ½	22 ½
3"	6 ¾	11	9 ¾	15 ¾	12	18 ¾	12 ½	18 ½	12 ½	18 ½	14	18	22
4"	–	–	8 ¾	14 ¾	11	17 ¾	11 ½	17 ½	12	18	13 ½	17 ½	21 ½
5"	–	–	–	–	10	16 ¾	10 ½	16 ½	11 ½	17 ½	13	17	21
6"	–	–	–	–	9	15 ¾	9 ½	15 ½	11	17	12 ½	16 ½	20 ½
7"	–	–	–	–	–	–	–	–	–	–	12	16	20
8"	–	–	–	–	–	–	–	–	10	16	11 ½	15 ½	19 ½

Standard shut heights shown in green type with standard stroke. Values in inches unless otherwise noted. Machines may vary slightly from those shown.

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