

Rousselle Single Point Gap Frame (Steel Fabricated)



Model G1-55

Standard Features

- Steel Fabricated
- Combination Air Clutch and Brake
- Crankshaft Motion
- Ball Type Adjustment Screw with Bronze Seat
- Multiple V Gibbing
- Air Counterbalance System (55 Ton and Up)
- Bolster Plate
- One Shot Lubrication
- Slide Adjustment Powered by Air Wrench (Except 32 Ton Model)
- 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

- Deep Throat
- Self-Monitoring Automatic Lubrication System
- Stroke Lengths other than Standard
- Additional Shut Heights
- Custom Bed Sizes
- T-Slotted Bolster
- Bolster Burnout
- Special Drilling and Machining
- Die Cushion
- Pneumatic Flywheel Brake
- Shaft Extension
- Custom Speeds
- Variable Speed Drive
- Bar Turnover with Key Selector Switch
- Pedestal for Operator Station
- Tonnage Monitor
- Console or Remote Mounted Controls
- Additional Operator Station
- Shut Height Indicator (Except 32 Ton Models)



Model G1-95
(Deep Throat)



STAMPING OUT DOWNTIME™

Specifications

Model Number	Frame	B1-32			B1-55			B1-70			B1-95			B1-120					
		OBS			G1-32			G1-55			G1-70			G1-95			G1-120		
		STD	+4"	+8"	STD	+4"	+8"	STD	+4"	+8"	STD	+4"	+8"	STD	+4"	+8"			
Capacity (Tons)		32			55			70			95			120					
Bolster Area (Left-to-Right x Front-to-Back)		24 x 15			28 x 18			32 x 20			36 x 26			40 x 30					
Strokes Per Minute	Non-Geared	140			120			110			100			90					
	Geared	70			60			55			50			45					
Shut Height S.D.A.U.	Stroke Length	1"	11	15	19	14	18	22	14	18	22	15	19	23	15	19	23		
		2"	10 ½	14 ½	18 ½	13 ½	17 ½	21 ½	13 ½	17 ½	21 ½	14 ½	18 ½	22 ½	14 ½	18 ½	22 ½		
		3"	10	14	18	13	17	21	13	17	21	14	18	22	14	18	22		
		4"	9 ½	13 ½	17 ½	12 ½	16 ½	20 ½	12 ½	16 ½	20 ½	13 ½	17 ½	21 ½	13 ½	17 ½	21 ½		
		5"	-	-	-	12	16	20	12	16	20	13	17	21	13	17	21		
		6"	-	-	-	11 ½	15 ½	19 ½	11 ½	15 ½	19 ½	12 ½	16 ½	20 ½	12 ½	16 ½	20 ½		
		7"	-	-	-	-	-	-	-	-	-	12	16	20	12	16	20		
		8"	-	-	-	-	-	-	-	-	-	11 ½	15 ½	19 ½	11 ½	15 ½	19 ½		
Bolster Thickness		1 ½			3			3			3			3					
Slide Adjustment		2 ½			4			4			4			4					
Bed Opening (Left-to-Right x Front-to-Back)		14 x 7			15 x 11			15 x 11			18 x 16			18 x 16					
Slide Area (Left-to-Right x Front-to-Back)		12 x 9			15 x 12 ¼			15 x 12 ¼			18 ½ x 13			18 ½ x 13					
Width of Opening Through Back		16			18			18			20			20					
Depth of Throat from Center Line of Slide	Standard OBI/OBS	8 ½			11			11			14			16					
	Deep Throat OBI	15			18			18			21			24					
	Deep Throat OBS	18			24			24			30			30					
Crankshaft Diameter	Main Bearing	3			4 ½			4 ½			6			6					
	Connecting Rod	4			6			6			8			8					
Flywheel Diameter	Non-Geared	29			36			40			42			45					
	Geared	19			24			25 ½			30 ½			34					
Flywheel Weight (lbs.)	Non-Geared	430			900			1100			2270			2700					
	Geared	240			640			720			800			1000					
Motor Horsepower		3			5			17 ½			10			10					
Motor Speed (RPM)	Non-Geared	1775			1175			1175			1175			1175					
	Geared	1750			1750			1750			1750			1750					
Floor to Top of Bed		32			32			32			35 ½			35 ½					
Die Shank Hole Diameter		2			2			2			2 ½			2 ½					
Overall Height		93	97	101	101	105	109	101	105	109	117	121	125	117	121	125			
Floor Space at Base (Left-to-Right x Front-to-Back)		35 x 51			51 x 60			51 x 60			56 x 85			56 x 85					
		37 x 36			39 x 43			39 x 48			40 x 65			40 x 71					
		37 x 59			37 x 76			37 x 76			50 x 100			50 x 100					
		37 x 49			39 x 61			39 x 73			42 x 75			42 x 95					

Specifications vary by frame only where indicated. Values in inches unless otherwise noted. Standard shut heights shown in green type with standard stroke. Machines may vary slightly from those shown.

www.theheimgroup.com • 6360 West 73rd Street, Chicago, IL 60638

Sales/Service: 708-496-7400 • 800-927-9393 • Fax: 708-496-7428 • Parts Fax: 708-496-0708 • Email: sales@theheimgroup.com

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