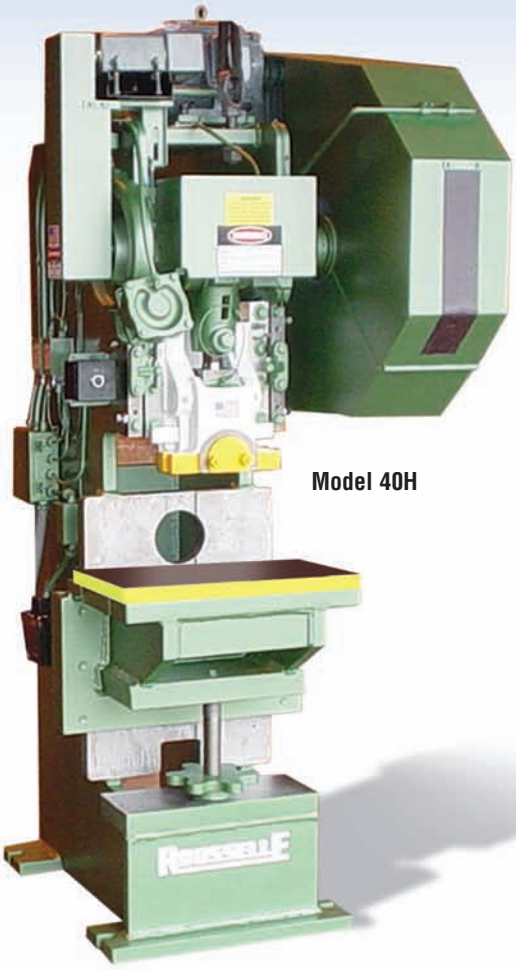
Rousselle Deep Throat & Adjustable Bed Horn Presses



Model 40H

Standard Features

- Cast Frame (F and G Models) Steel Frame (40 and 60 Ton) Horns
- Air Clutch and Shoe Brake
- Crankshaft Motion (40 and 60 Ton)
- 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

Model 2G

Optional Features

- One Shot Lubrication System
- Self-Monitoring Automatic Lubrication System
- Stroke Lengths other than Standard
- T-Slotted Bolster
- Bolster Burnout
- Special Drilling and Machining
- 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

HEIM® ROUSSELLE®
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STAMPING OUT DOWNTIME™

Specifications

Model Number			2F	2G	3F	3G	4F	4G	6F	6G	15H	25H	40H
Capacity (Tons) Near B.D.C.			15		25		40		60		15	25	40
Bed Area (Left-to-Right x Front-to-Back)			16 x 11		20 x 14		26 x 16		30 x 18		16 x 11	20 x 14 ½	26 x 16 ½
Strokes Per Minute	Non-Geared		160		135		105		110		160	135	105
	Geared		–		–		45		50		–	–	45
Shut Height S.D.A.U.	Stroke	1"	–		–		13	13 ½	13 ½		–	–	6 ¾ - 18 ¾
		1 ¼"	–		–		–		–		–	–	–
		1 ¾"	–		–		–		–		–	–	–
		2"	8	7 ¾	10 ¾	10 ¾	12 ½	13	13	13	4 ½ - 12	4 ¼ - 15 ¼	6 ¼ - 18 ¼
		3"	7	6 ¾	9 ¾	9 ¾	12	12 ½	12 ½	12 ½	3 ½ - 11	3 ¼ - 14 ¼	5 ¾ - 17 ¾
		4"	–		8 ¾	8 ¾	11	11 ½	11 ½	11 ½	–	2 ¼ - 13 ¼	4 ¾ - 16 ¾
		5"	–		–	10	10 ½	10 ½	10 ½	–	–	–	3 ¾ - 15 ¾
		6"	–		–	9	9 ½	9 ½	9 ½	–	–	–	2 ¾ - 14 ¾
Bolster Thickness			1 ¼		1 ½		1 ¾		2		Optional	Optional	Optional
Slide Adjustment			1 ½		2		3 ½		3 ½		1 ½	2	3 ½
Bed Opening	Rectangular		10¼ x 6¼	11 x 6	12 x 7		15 x 10½	14½ x 11	16 x 10 ½		8 x 6	10 x 7	14 x 10 ½
	Round		8 ½	9	10		12 ½	–	12 ½		8	10	12 ½
Width of Opening Through Back (Hole Diameter)			10 ½	–	12 ¼	8	15	–	16	–	(3)	(4)	(5)
Depth of Throat from Center Line of Slide			12 ½	18 ½	15 ¼	18 ½	18 ½	24 ½	21 ½	24 ½	5 ½	6 ¾	8 ½
Width Across Slide Ears			6 ½		8 ¼		12		12		6 ½	8 ¼	12
Crankshaft Diameter	Main Bearing		1 ½		2 ½		3 ¼		4 ¼		1 ½	2 ½	3 ¼
	Connecting Rod		3 ⅞		5 ⅜		5		5		3 ⅞	5 ⅜	5
Flywheel Diameter	Non-Geared		18 ½		24		33		38		18 ½	24	33
	Geared		–		–		21 ½		21 ½		–	–	21 ½
Flywheel Weight (lbs.)	Non-Geared		200		370		800		1050		200	370	800
	Geared		–		–		225		225		–	–	225
Die Shank Hole Diameter	Standard		1 9/16		1 9/16		2		2		1 9/16	1 9/16	2
	Maximum		2		2		2 ½		2 ½		2	2	2 ½
Motor Horsepower			1		2		3		5		1	2	3
Motor Speed (RPM)	Non-Geared		1750		1175		1175		1175		1750	1175	1175
	Geared		–		–		1750		1750		–	–	1750
Floor Space at Base	Left-to-Right		31	20	35	24	41	26	41	30	20	24	28
	Front-to-Back		42	34	56	40	56	52	68	57	24	28	32

Specifications vary by frame only where indicated. Standard shut heights shown in green type with standard stroke. Values in inches unless otherwise noted. Consult factory for 60 Ton Horn Press specifications. Machines may vary slightly from those shown.

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