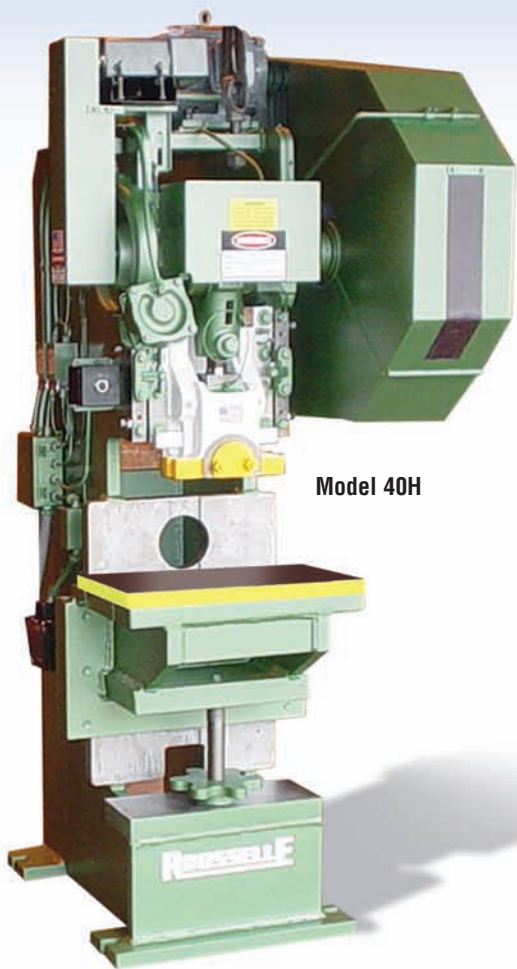


Rousselle Deep Throat & Adjustable Bed Horn Presses



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

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



Model 2G



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 ½"	-		-		-		-		-		
		2"	8	7 ¾	10 ¾	10 ¾	12 ½	13	13	13	4 ½ - 12	4 ¾ - 15 ¾	6 ¾ - 18 ¾
		3"	7	6 ¾	9 ¾	9 ¾	12	12 ½	12 ½	12 ½	3 ½ - 11	3 ¾ - 14 ¾	5 ¾ - 17 ¾
		4"	-		8 ¾	8 ¾	11	11 ½	11 ½	11 ½	-		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	10 ¼ x 6 ¾	11 x 6	12 x 7		15 x 10 ¼	14 ½ 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 ¾	8	15	-	16	-	(3)	(4)	(5)	
Depth of Throat from Center Line of Slide		12 ½	18 ½	15 ¾	18 ½	18 ½	24 ½	21 ½	24 ½	5 ½	6 ¾	8 ½	
Width Across Slide Ears		6 ½		8 ¾		12		12		6 ½	8 ¾	12	
Crankshaft Diameter	Main Bearing	1 ½		2 ½		3 ¾		4 ¾		1 ½	2 ½	3 ¾	
	Connecting Rod	3 ¾		5 ¾		5		5		3 ¾	5 ¾	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 ⅞		1 ⅞		2		2		1 ⅞	1 ⅞	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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The Heim Group reserves the right to change design or detail of its products without notice. Point of operation safety guarding or devices are the sole responsibility of the employer (user) of the machine as provided in ANSI B11.1 (2001) as published by the American National Standards Institute, Inc. and OSHA regulations. "Heim" and "Rousselle" are Reg. TM's; "Stamping Out Downtime" is a TM of The Heim Group. ©THG, 2008. All Rights Reserved.

Rousselle Two Point Gap Frame Adjustable Bed

Standard Features

- Steel Fabricated
- Air Clutch
- Shoe Brake
- Wrist Pin Connection
- V Gibbing
- Air Counterbalance System
- Eccentric Shaft Motion
- Bolster Plate
- One Shot Lubrication
- Manual Slide Adjustment
- 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

- Self-Monitoring Automatic Lubrication System
- Powered Slide Adjustment with Digital Position Indicator
- Stroke Lengths other than Standard
- Additional Shut Heights
- Custom Bed Sizes
- T-Slotted Bolster
- Bolster Burnout
- Special Drilling and Machining
- Custom Speeds
- Variable Speed Drive
- Remote Mounted Controls
- Tonnage Monitor
- Additional Operator Station



Model 6W60



STAMPING OUT DOWNTIME™

Specifications

Model Number		4W48	6W48	6W60	6W76
Capacity (Tons) B.D.C.		40	60	60	60
Area of Bed (Left-to-Right x Front-to-Back)		48 x 14	48 x 16	60 x 16	76 x 16
Strokes Per Minute	Non-Geared	105	110	110	110
	Geared	45	50	50	50
Shut Height S.D.A.U.	Refer to Shut Height Charts				
Slide Adjustment		None	3	3	3
Bed Adjustment		13	14 ½	14 ½	14 ½
Bed Opening		32 x 12	34 x 13	46 x 13	62 x 13
Slide Area		37 x 9 ¼	36 x 16	48 x 16	64 x 16
Depth of Bed		14	18	20	22 ½
Width of Opening Through Back		34	34	46	62
Depth of Throat from Center Line of Slide		6 ¾	8 ¾	8 ¾	8 ¾
Crankshaft Diameter	Main Bearing	3 ¾	4 ¾	4 ¾	4 ¾
	Connecting Rod	6 ¼	7 ¼	7 ¼	7 ¼
Flywheel Diameter	Non-Geared	33	38	38	38
	Geared	22	22	22	22
Flywheel Weight (lbs.)	Non-Geared	800	1050	1050	1050
	Geared	250	250	250	250
Motor Horsepower		3	5	5	5
Motor Speed (RPM)	Non-Geared	1175	1175	1175	1175
	Geared	1750	1750	1750	1750
Floor to Top of Bed	Minimum	29	30 ¾	30 ¾	30 ¾
	Maximum	42	44 ¾	44 ¾	44 ¾
Overall Height with Standard Stroke		111	121	121	121
Floor Space at Base	Left-to-Right	46 ¾	48	60	76
	Front-to-Back	40 ½	47 ¼	47 ¼	47 ¼

Shut Height Charts

4W Shut Height Chart	
Stroke	Shut Height Range Stroke Down Adjustment Up
1"	5 ¼ – 18 ¼
2"	4 ¾ – 17 ¾
3"	3 ¾ – 16 ¾
4"	2 ¾ – 15 ¾
5"	1 ¾ – 14 ¾

6W Shut Height Chart	
Stroke	Shut Height Range Stroke Down Adjustment Up
1"	7 ½ – 22
2"	7 – 21 ½
3"	6 ¾ – 21 ¼
4"	5 ¾ – 20 ¼
5"	4 ¾ – 19 ¼

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

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