

# Rousselle Two Point Straight Side

## 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 6SS72



STAMPING OUT DOWNTIME™

# Specifications

| Model Number                                |                | 4SS44                      | 4SS56   | 4SS72   | 6SS44   | 6SS56   | 6SS72   |
|---------------------------------------------|----------------|----------------------------|---------|---------|---------|---------|---------|
| Capacity (Tons) Near B.D.C.                 |                | 40                         | 40      | 40      | 60      | 60      | 60      |
| Bed Area (Left-to-Right x Front-to-Back)    |                | 44 x 22                    | 56 x 22 | 72 x 22 | 44 x 22 | 56 x 22 | 72 x 22 |
| Strokes Per Minute                          | Non-Geared     | 105                        | 105     | 105     | 110     | 110     | 110     |
|                                             | Geared         | 45                         | 45      | 45      | 50      | 50      | 50      |
| Shut Height S.D.A.U.                        |                | Refer To Shut Height Chart |         |         |         |         |         |
| Slide Area (Left-to-Right x Front-to-Back)  |                | 40 x 14                    | 52 x 14 | 68 x 14 | 40 x 14 | 52 x 14 | 68 x 14 |
| Slide Adjustment                            |                | 3                          | 3       | 3       | 3       | 3       | 3       |
| Bed Opening (Left-to-Right x Front-to-Back) |                | 36 x 14                    | 48 x 14 | 64 x 14 | 36 x 14 | 48 x 14 | 64 x 14 |
| Opening Between Uprights                    | Left-To-Right  | 44                         | 56      | 72      | 44      | 56      | 72      |
|                                             | Front-To-Back  | 12                         | 12      | 12      | 12      | 12      | 12      |
| Crankshaft Diameter                         | Main Bearing   | 3 ¼                        | 3 ¼     | 3 ¼     | 4 ¼     | 4 ¼     | 4 ¼     |
|                                             | Connecting Rod | 6 ¼                        | 6 ¼     | 6 ¼     | 7 ¼     | 7 ¼     | 7 ¼     |
| Flywheel Diameter                           | Non-Geared     | 33                         | 33      | 33      | 38      | 38      | 38      |
|                                             | Geared         | 22                         | 22      | 22      | 22      | 22      | 22      |
| Flywheel Weight (lbs.)                      | Non-Geared     | 800                        | 800     | 800     | 1050    | 1050    | 1050    |
|                                             | Geared         | 300                        | 300     | 300     | 300     | 300     | 300     |
| Motor Horsepower                            |                | 3                          | 3       | 3       | 5       | 5       | 5       |
| Motor Speed (RPM)                           | Non-Geared     | 1175                       | 1175    | 1175    | 1175    | 1175    | 1175    |
|                                             | Geared         | 1750                       | 1750    | 1750    | 1750    | 1750    | 1750    |
| Floor to Top of Bed                         |                | 33 ¼                       | 33 ¼    | 33 ¼    | 33 ¼    | 33 ¼    | 33 ¼    |
| Overall Height with Standard Shut Height    |                | 114                        | 114     | 114     | 114     | 114     | 114     |
| Floor Space at Base                         | Left-To-Right  | 59                         | 71      | 87      | 59      | 71      | 87      |
|                                             | Front-To-Back  | 33 ½                       | 33 ½    | 33 ½    | 33 ½    | 33 ½    | 33 ½    |

## 4SS Shut Height Chart

| Stroke | Shut Height S.D.A.U. |      |      |      |      |      |      |      |      |      |      |
|--------|----------------------|------|------|------|------|------|------|------|------|------|------|
| 1"     | 8 ¼                  | 10 ¼ | 12 ¼ | 14 ¼ | 16 ¼ | 18 ¼ | 20 ¼ | 22 ¼ | 24 ¼ | 26 ¼ | 28 ¼ |
| 2"     | 7 ¾                  | 9 ¾  | 11 ¾ | 13 ¾ | 15 ¾ | 17 ¾ | 19 ¾ | 21 ¾ | 23 ¾ | 25 ¾ | 27 ¾ |
| 3"     | 7 ½                  | 9 ½  | 11 ½ | 13 ½ | 15 ½ | 17 ½ | 19 ½ | 21 ½ | 23 ½ | 25 ½ | 27 ½ |
| 4"     | 6 ½                  | 8 ½  | 10 ½ | 12 ½ | 14 ½ | 16 ½ | 18 ½ | 20 ½ | 22 ½ | 24 ½ | 26 ½ |
| 5"     | 5 ½                  | 7 ½  | 9 ½  | 11 ½ | 13 ½ | 15 ½ | 17 ½ | 19 ½ | 21 ½ | 23 ½ | 25 ½ |

## 6SS Shut Height Chart

| Stroke | Shut Height S.D.A.U. |      |      |      |      |      |      |      |      |      |      |
|--------|----------------------|------|------|------|------|------|------|------|------|------|------|
| 1"     | 8 ¼                  | 10 ¼ | 12 ¼ | 14 ¼ | 16 ¼ | 18 ¼ | 20 ¼ | 22 ¼ | 24 ¼ | 26 ¼ | 28 ¼ |
| 2"     | 8                    | 10   | 12   | 14   | 16   | 18   | 20   | 22   | 24   | 26   | 28   |
| 3"     | 7                    | 9    | 11   | 13   | 15   | 17   | 19   | 21   | 23   | 25   | 27   |
| 4"     | 6                    | 8    | 10   | 12   | 14   | 16   | 18   | 20   | 22   | 24   | 26   |
| 5"     | 5                    | 7    | 9    | 11   | 13   | 15   | 17   | 19   | 21   | 23   | 25   |

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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