



**RED STAG ENGINEERING & AUTOMATION INC.**

E3356 MOUNTAIN VIEW LANE  
WAUPACA, WISCONSIN 54981 U.S.A.  
PHONE (715) 258-5074 – (715) 258-5242  
Website = <http://www.redstag.com>  
Email = [redstag@waupacaonline.net](mailto:redstag@waupacaonline.net)

**Lauffer RZX - 1200 Triple Action Hydraulic Press**

This press was installed NEW in March of 2002 at a cost of \$2,248,000.00 US

Used for prototypes only – Never used in production

Looks and runs like brand new!

Meets all ANSE and OSHA safety standards

Price: \$650,000.00 US

As Is – Where Is

Direct sales to customer only, with a 5% commission to Equipment Dealer

This press can be shown with the tooling by appointment through Red Stag Engineering. No exceptions!

The press also features:

Sick Lites – Front & Back

Hydraulic Die Clamping – Top & Bottom

Hydraulic Die Lifters



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### **Lauffer RZX-1200 Hydraulic Press** Press Installation Specs

| <b>Press Installation Requirements:</b> | mm   | ft   |
|---|------|------|
| Min. Ceiling Height Required            | 8700 | 28.5 |
| Total Press Height                      | 8800 | 28.9 |
| Press Height Above Floor                | 6350 | 20.8 |
| Press Height Below Floor                | 2450 | 8.0  |
| Table Height Above Floor                | 850  | 2.8  |
| Total Height of Main Section            | 6150 | 20.2 |
| Height of Main Section Above Floor      | 4805 | 15.8 |
| Height of Main Section Below Floor      | 1425 | 4.7  |
| Depth of Main Section                   | 1800 | 5.9  |
| Depth of Main Section at Feet           | 2950 | 9.7  |
| Width of Main Section                   | 3440 | 11.3 |
| Weight of Main Section                  | 85   | tons |
| Total Press Weight                      | 91   | tons |

| <b>Requirements for Rigging:</b> | mm    | ft   |
|----------------------------------|-------|------|
| Lifting Distance Above Press     | 1500  | 4.9  |
| Floor Space Required (Length)    | 10000 | 32.8 |
| Floor Space Required (Width)     | 7620  | 25.0 |

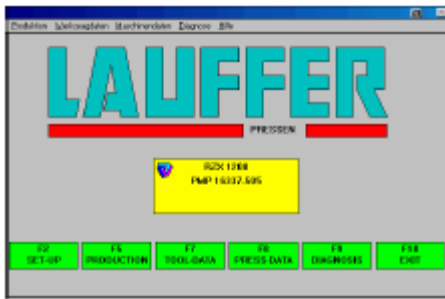


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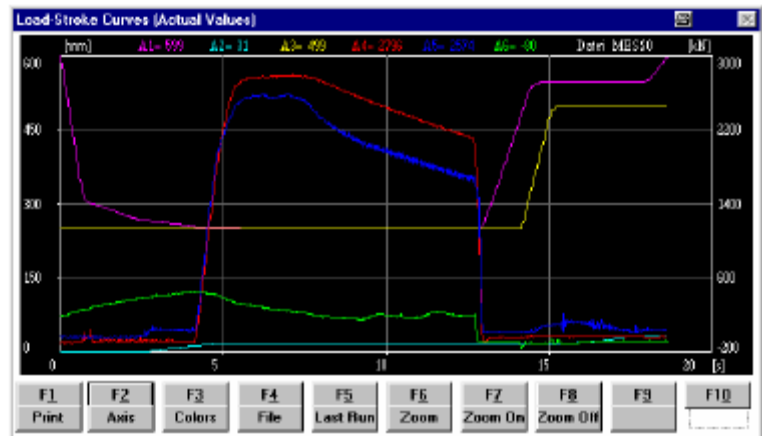
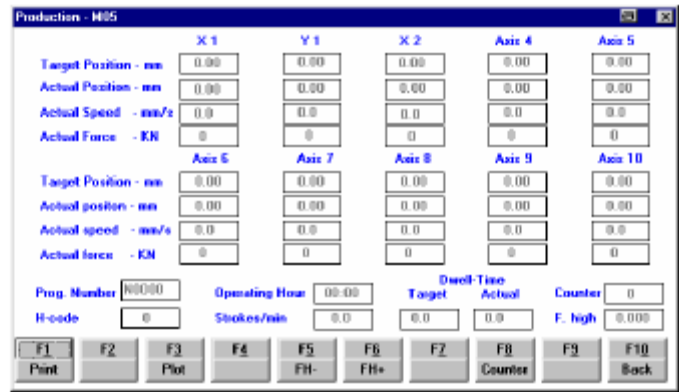
## Lauffer RZX-1200 Triple Action Hydraulic Press

- **Upper Punch**
  - Force: 750 ton
  - Stroke: 30 in
  - Speed: 2.2 in/s
- **Slide**
  - Force: 450 ton
  - Stroke: 20 in
  - Speed: 1.3 in/s
- **Lower Punch**
  - Force: 750 ton
  - Stroke: 10 in
  - Speed: 1.1 in/s
- **Accuracy**
  - Position: 0.0004 in
  - Force: +/- 0.5%
- **Dimensions**
  - Bolster: 79 x 79 in
  - Daylight: 39 in
  - Shut Height: 20 in



```

N0000 P3 -1000 M23
N0005 H16 G06 X2 280 F500
N0010 H17 G05 X2 255 0.3 F33
N0015 P1 -2500 M23
N0020 H02 G06 X1 300 F450
N0025 P1 -1250 P2 1250 M23
N0030 H01 G05 X1 275 0.5 F35
N0035 H01 G05 X1 262 F20 Y1 14.5 F20
N0040 M30
N0045 G04 0.5
N0050 P1 50 F2 50 P3 50 M23
N0055 G04 0.5
N0060 P1 300 V0.5 M23
N0065 P3 500 M23
  
```





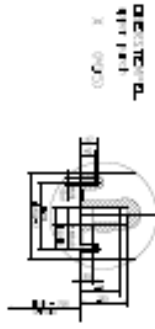
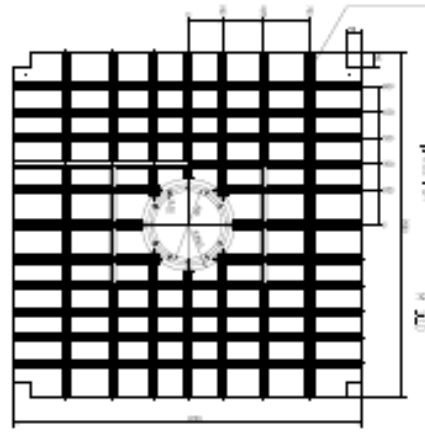
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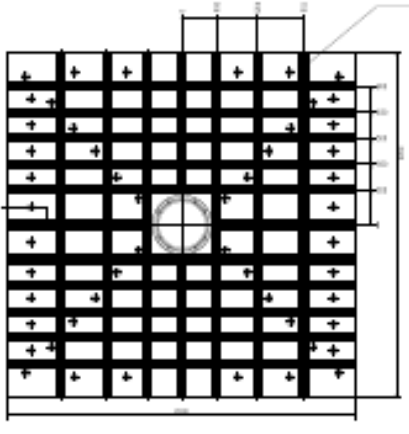
### Lauffer RZX-1200 Hydraulic Press Feed-Line Specs

|                                | Metric                 | English                  |
|--------------------------------|------------------------|--------------------------|
| <b>Electrical</b>              |                        |                          |
| Operational Voltage            | 460 Volt               |                          |
| Phase / Wires                  | 3 Phase 3 Wire         |                          |
| Frequency                      | 60 Hz                  |                          |
| Power Supply                   | 407 kVA                |                          |
| Current of most Consuming Unit | 205 A                  |                          |
| Slide Motor                    | 55 kW                  | 74 HP                    |
| Upper Punch Motor              | 110 kW                 | 148 HP                   |
| Lower Punch Motor              | 110 kW                 | 148 HP                   |
| <b>Hydraulics</b>              |                        |                          |
| Hydraulic Oil                  | 7000 liters            | 1849 gallons             |
| Slide Pump                     | 288 liters/min         | 76 gallons/min           |
| Upper Punch Pump 1             | 408 liters/min         | 108 gallons/min          |
| Upper Punch Pump 2             | 408 liters/min         | 108 gallons/min          |
| Lower Pump                     | 408 liters/min         | 108 gallons/min          |
| Min. Operating Temperature     | 35 °C                  | 95 °F                    |
| Max. Operating Temperature     | 60 °C                  | 140 °F                   |
| <b>Water</b>                   |                        |                          |
| Pipe Diameter                  | 50 mm                  | 2.0 in                   |
| Cold Water Inlet Temperature   | 35 °C                  | 95 °F                    |
| Warm Water Outlet Temperature  | 43 °C                  | 109 °F                   |
| Cooling Range Temperature      | 8 °C                   | 14 °F                    |
| Wet-Bulb Temperature           | 26 °C                  | 79 °F                    |
| Volumetric Flow Rate           | 170 liters/min         | 44.9 gallons/min         |
| Volumetric Flow Rate           | 10.2 m <sup>3</sup> /h | 360.2 ft <sup>3</sup> /h |
| Mass Flow Rate                 | 6.83 kg/s              | 15.1 lb/s                |
| Heat Load                      |                        | 5387 BTU/min.            |
| Cooling Capacity Max.          | 95.9 kW                | 327,365 BTU/h            |
| <b>Pressure</b>                |                        |                          |
| Line Pressure                  | 7 bar                  | 102 psi                  |
| <b>Heat</b>                    |                        |                          |
| Heat Emission                  | 8600 kcal/hr           | 2,047,653 BTU/hr         |
|                                | 600 kW                 | 600 kW                   |
| <b>Noise</b>                   |                        |                          |
| Max. Noise Level               | 85 dB                  |                          |

FLOOR PLAN  
 RESIDENTIAL BLDG. - 2-17-1901/1001  
 1st FLOOR  
 11.10.01



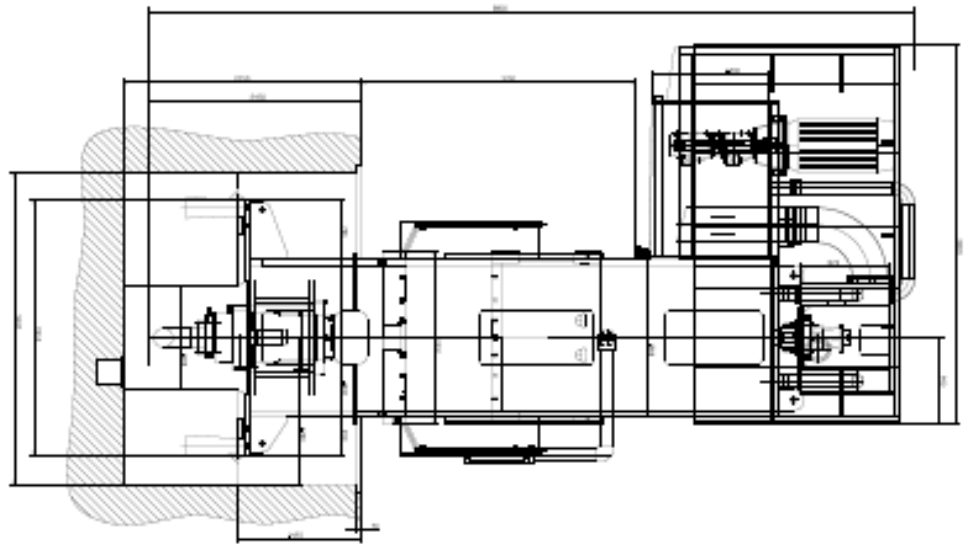
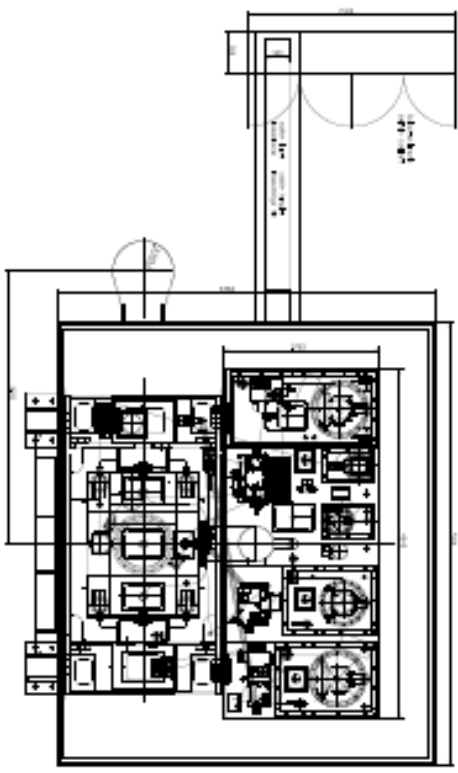
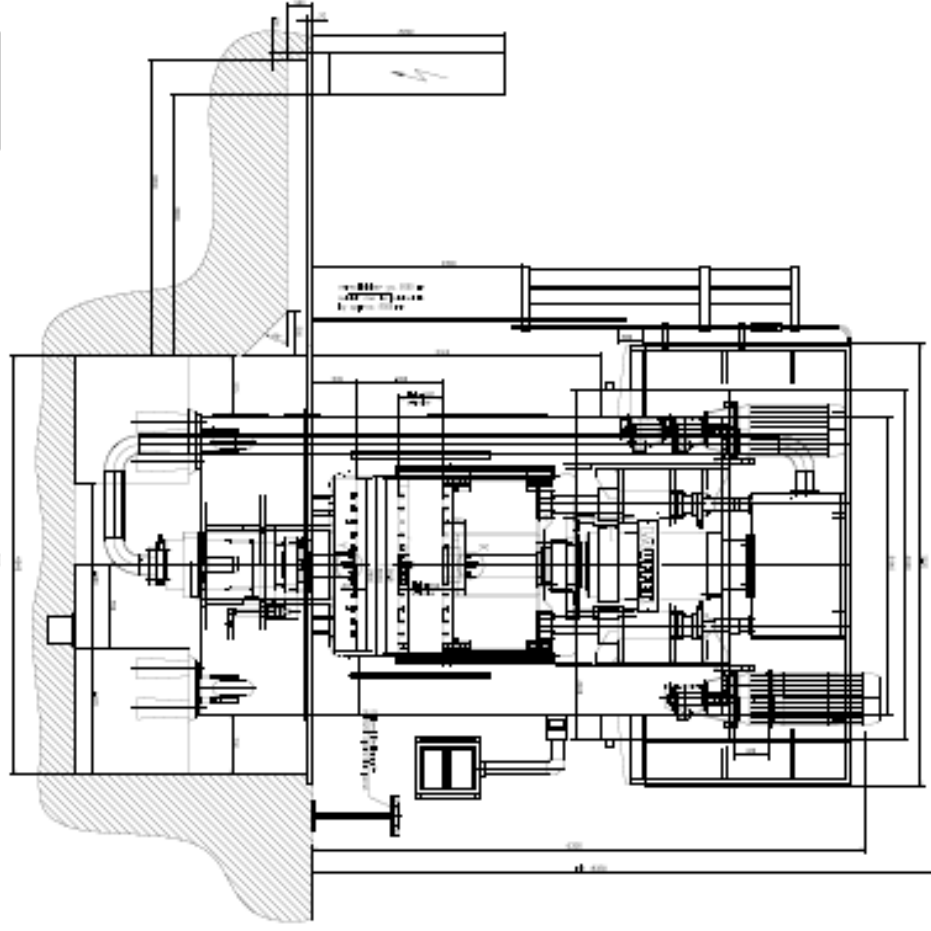
RESIDENTIAL BLDG.  
 2-17-1901/1001  
 1st FLOOR



RESIDENTIAL BLDG.  
 2-17-1901/1001  
 1st FLOOR



1st Floor  
 11.10.01



RESIDENTIAL BLDG.  
 2-17-1901/1001  
 1st FLOOR

|     |                      |          |
|-----|----------------------|----------|
| NO. | REVISION             | DATE     |
| 1   | ISSUED FOR PERMIT    | 11.10.01 |
| 2   | REVISED PER COMMENTS | 11.10.01 |
| 3   | REVISED PER COMMENTS | 11.10.01 |
| 4   | REVISED PER COMMENTS | 11.10.01 |
| 5   | REVISED PER COMMENTS | 11.10.01 |
| 6   | REVISED PER COMMENTS | 11.10.01 |
| 7   | REVISED PER COMMENTS | 11.10.01 |
| 8   | REVISED PER COMMENTS | 11.10.01 |
| 9   | REVISED PER COMMENTS | 11.10.01 |
| 10  | REVISED PER COMMENTS | 11.10.01 |



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Cold/Warm/Hot Forming  
Bulk Metal Forming  
Sheet Metal Forming  
P/M Sizing & Calibration



Red Stag Engineering & Automation Inc. is a World Wide Integrator of Automated Turnkey Systems.