

RIP2E Roller Idler Press Specifications

COMPONENT DIMENSIONS

| | Weight | Width | Height | Length |
|----------------------------------|--------------------|---------------|---------------|----------------|
| Press | 7400 lbs (3360 kg) | 46 in (1,2 m) | 79 in (2,0 m) | 141 in (3,6 m) |
| Hydraulic Pump Unit (Dry) | 750 lbs (340 kg) | 41 in (1,0 m) | 35 in (0,9 m) | 39 in (1,0 m) |

Operating Temperature Range 50° to 100° F (10° to 37° C)

RAM

| | |
|---|------------------------------|
| Pressing Force ... 75 tons (68 tonnes) | Ram Speeds - |
| Travel 40 inches (1016 mm) | 60 Hz |
| Rod Diameter: 3.5 inches (89 mm) | Extend 91 in/min (2,3 m/min) |
| Piston Diameter: 8 inches (203 mm) | Return 96 in/min (2,4 m/min) |
| Rod End Thread (for Tooling Attachment) 2-1/2"–12 TPI Female Thread | |

HYDRAULIC PUMP UNIT

Pump -

Flow (60 Hz)..... 22 gpm (83 lpm)
 Pressure 3000 psi (207 bar) max.

Electric Motor -

10 Hp (7,5 kW) 3 Phase electric

Hydraulic Reservoir -

40 US gallons (150 l)

Standard Voltage:

460V 60 Hz 3 Ph - 16A
 Other voltages available

Filtration -

10µ Return Filter with Donaldson Spin-on Filter Head

CONTROLS

24VDC Pendant with 15 foot (4 meter) cable, to control Motor ON, Motor OFF,
 Cylinder IN (Extend) and Cylinder OUT (Retract)
 Two E-STOP Pushbutton Stations (Front and Back)
 Relief Valve and Pressure Gauge, to set the Pressing Force

OIL CATCH TANK

15 US gallon (56 l) capacity, with 1" NPT Drain Port and removable Bar Grate Cover

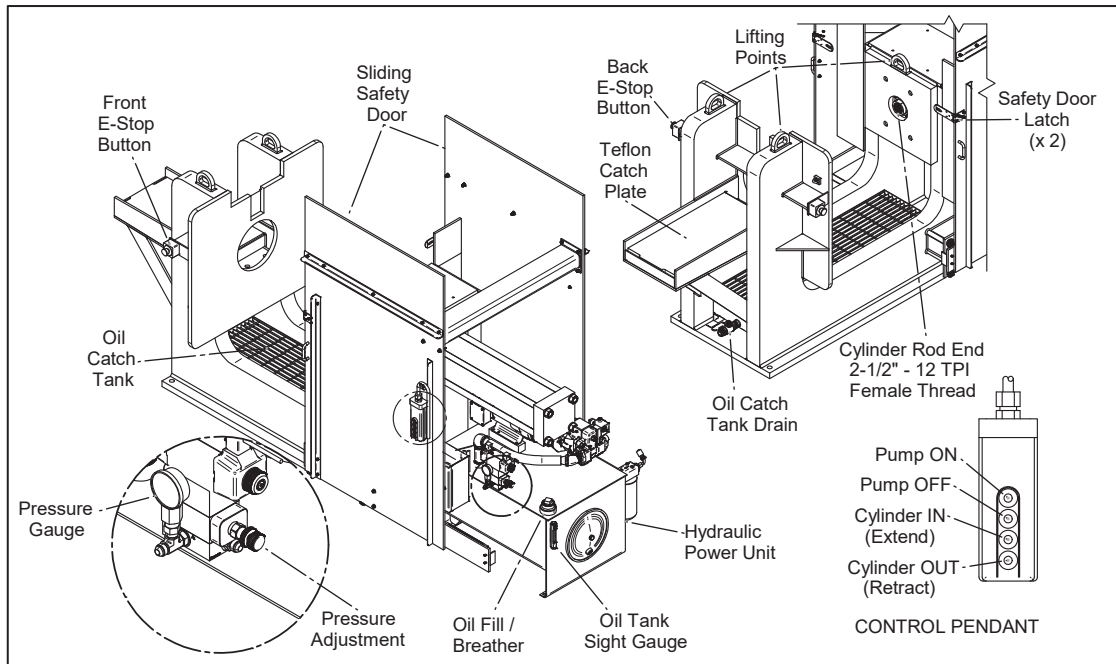
SAFETY GUARD

Sliding 1/2" Thick Polycarbonate Guards, Tied Front to Back, with Hasp Locks and Pendent Hangers

SHAFT SUPPORT

1" Thick PTFE (Teflon) Support Plate – 15" Wide x 30" Long - 3-1/8" Below Press Plate Center
 2" Frame Lips Front and Back, 1/4" Frame Relief Inboard and Outboard Ends

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



Control and Feature Identification

Control Pendant – starts and stops the electric motor, and extends and retracts the Main Cylinder

- Press the ON button to start the Electric Motor.
- Press the OFF button to stop the Electric Motor.
- Press the IN button to extend the Main Cylinder and move the tooling towards the workpiece
- Press the OUT button to retract the Main Cylinder and move the tooling away from the workpiece

Front E-Stop and Back E-Stop Push Buttons – stop the electric motor in the case of an emergency

- Press either of the E-Stop buttons to stop the electric motor.
- Rotate the E-Stop button after pressing it to return the Press to operation.

Pressure Adjustment - sets the system pressure, and the ram force

- Turn the Adjustment knob **clockwise** to increase the system pressure and Cylinder force.
- Turn the Adjustment knob **counterclockwise** to decrease the system pressure and Cylinder force.
- Use the jam nut, behind the adjustment knob, to lock the valve at a particular setting.

Pressure Gauge - shows the system pressure

- The Pressure Gauge shows the system pressure –
- See the Pressure-Force Chart (page 7) to find the pressure needed for a particular pressing force.

Sliding Safety Door - protects the operator from flying debris

- Close the Safety Door before all work that may generate flying debris.
- Hold the Safety Door closed with the twist hasp locks (above the front and back E-Stop Buttons.)

Oil Catch Tank – holds waste oil from the idlers and rollers

- The Oil Catch Tank holds up to 15 gallons (55 liters) of waste oil.
- Use the Drain Valve to empty the Catch Tank.

Teflon Catch Plate – supports roller and idler parts during disassembly



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MANUFACTURERS/BENEFICIARY'S WARRANTY CERTIFICATE WTC MACHINERY, LLC WARRANTY

WTC MACHINERY, LLC warrants its products to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months after date of shipment. WTC MACHINERY, LLC undertakes to be responsible for any defect that may arise due to faulty raw materials, design, workmanship and defective parts and to replace them without extra cost. Freight charges are the customer's responsibility. Our warranty is not transferable.

WTC MACHINERY, LLC shall have the option of requiring the return of all parts claimed defective. Parts proved to be defective, due to defect in workmanship and/or material, shall be either repaired or replaced free of charge, F.O.B. our designated factory. All parts warranty claims are subject to inspection by WTC MACHINERY, LLC and acceptance at the factory

Our warranty does not obligate us to bear the cost of labor or transportation charges in connection with the replacement or repair of defective parts and the removal and/or remounting of the parts repaired or replaced under this warranty, unless specifically authorized in writing by WTC MACHINERY, LLC. All parts returned to the factory must be shipped freight prepaid; no collect freight will be accepted by the factory. Forms authorizing such returns for inspection must accompany all returns.

This warranty shall not apply to products not manufactured by WTC MACHINERY, LLC. Outside purchased equipment and accessories (not of WTC manufacture) are warranted only to the extent of the original equipment manufacturer's warranty and subject to their allowance to WTC MACHINERY, LLC. In this respect, our warranty obligations must conform and be limited to the warranty extended to WTC MACHINERY, LLC by its suppliers as extended to the customer.

We shall, in no event, be liable for consequential damages or contingent liability arising out of the failure of any unit or part to operate properly, or that is subject to:

- Ordinary operating wear, abuse, misuse, or overloading;
- Repairs or alterations by parties other than WTC MACHINERY, LLC;
- The use of improper fluids, contaminated fluids or improper filtering;
- The use of improper voltage hookup in the electrical connections of any equipment;
- Negligence, accident or damages due to deterioration during periods of storage by the purchaser prior to installation and operation;
- Damages occurred in shipment after leaving factory en route to customers' delivery point, as title to equipment passes to customer when loaded onboard for shipment, f.o.b. factory, and customer must place his own claim against damaged goods directly to the shipping company and not against WTC MACHINERY, LLC, its factory, or any of its personnel.
- Damages due to circumstances beyond the control of WTC MACHINERY, LLC and in connection with fulfilling any obligation under this warranty.

To the maximum extent permitted by applicable law, in no event shall WTC Machinery, LLC be liable for indirect, special, incidental or consequential damages resulting from personal injury, loss of business profits or business interruption from the use of its products, or from the inability to use its products.

This warranty is exclusive and is in lieu of all other expressed and implied warranties, including but not limited to implied warranties or merchantability and fitness for a particular purpose. WTC MACHINERY, LLC shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured or supplied by WTC MACHINERY, LLC, or services rendered to it.