

## Hydraulic Equipment For Railways

Max. Working Pressure 700 bar

### Traction Motor Pinion Dismounting and Mounting Equipment for WDP4 & WDG4 (GM) Locos (700 & 2800 bar)



Hand Operated



Power Operated

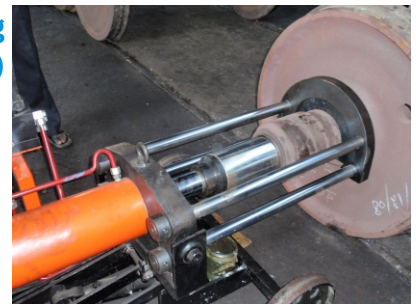


Pneumatic



### Cartridge Taper Roller Bearing Mounting and Dismounting Hydraulic Press (CTRB)

- Capacity : 100 ton - Removal  
70 ton - Fitment
- Stroke : 400 mm
- Application : Removal and fitment of cartridge roller bearings from axles of goods wagons and loco engines.
- Supplied with all accessories as per bearing model / size.



### Light Metal Tilting Jack, Double Acting

- Capacity : 25 ton x 400 mm stroke
- Control : Hand pump / Power pack
- Accessories : Wheel stopper, tilt plate
- Application : Economic Re-railing Jack

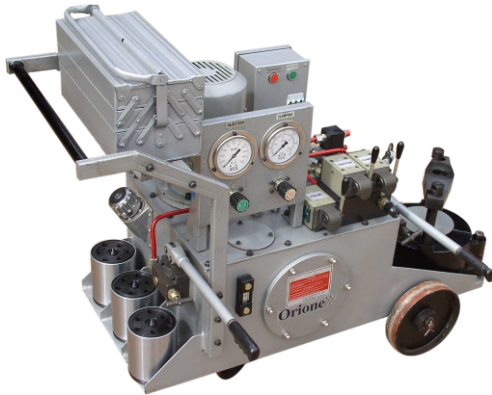


### Center Pivot Traction Rod Housing Mounting / Dismounting Fixture for WAG9 & WAP7 Locos

- Capacity : 30 ton x 250 mm stroke
- Cylinder type : Double acting, Hollow ram
- Operation : Hand pump
- Accessories : Clamping fixture with hardware
- Application : To replace bush of traction rod housing



Specifications are subject to change due to continual improvement.



### Power Driven roller bearing Extractor

- Capacity : 5 HP x 50 ltrs. (Max. Working Pressure: 700 bar)
- Size of bearings : Standard bearings
- Application : To dismount roller bearings shrunk fitted on passenger coach axles.
- Supplied with all accessories as per bearing model / size.



### Gang Operated Jacking System with Mechanical Traverse Base (Diesel / Power Operated)

- Capacity : 25 ton x 500 mm stroke (Max. Working Pressure: 450 bar)
- Traversing length : 400 mm
- No. of jacks in a set : 4 + 1 spare
- Power Pack : 5 HP Diesel engine operated
- Control : Hand lever and Needle valves
- Traversing arrangement: Mechanical
- Application : To lift coaches and wagons for undercarriage maintenance.



### Diesel Engine Operated Power Pack

- Capacity : 8 HP x 70 ltrs. (Max. Working Pressure: 300 bar)
- Application : For powering re-railing equipment jacks



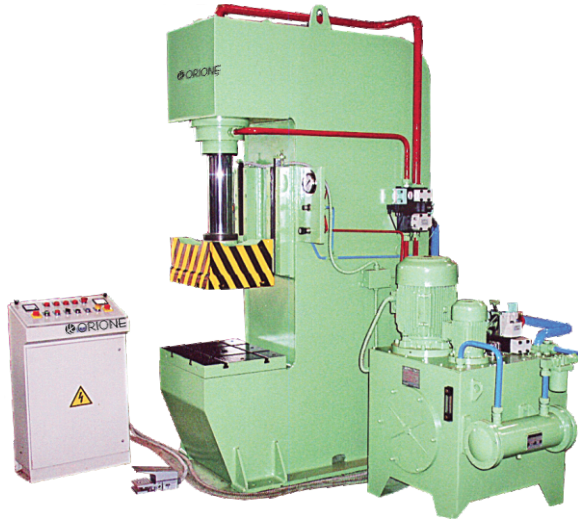
### Lifting Cum Swiveling Platform for OHE

- Lift : 2000 mm
- Platform size : 4200 mm x 2000 mm
- Swiveling angle : 270°
- Point load capacity on platform : 500 kg
- Power pack : 5 HP Three phase
- Control : Push button with pendant Solenoid operated
- Application : For inspection / servicing OHE lines

## Hydraulic Presses For Railways

Max. Working Pressure 700 bar

### 150 ton 'C' Frame High Speed Metal Forming Press



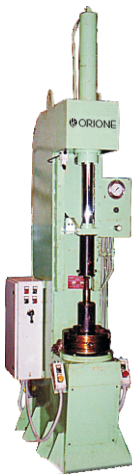
- Stroke : 500 mm
- Daylight : 800 mm
- Table size : 600 mm x 500 mm
- Power pack : 15 HP
- Application : For forming elastic rail clip

### 400 ton Tie Rod Type Press



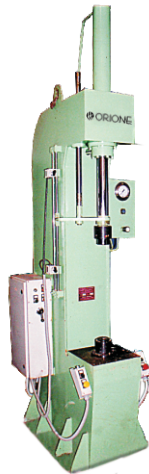
- Stroke : 1000 mm
- Daylight : 2500 mm
- Table size : 1800 mm x 1800 mm
- Power pack : 20 HP x 300 ltrs.
- Application : Dismounting / Mounting of armature shaft of loco traction motor.

### 10 ton Lock Ring Tightening Machine



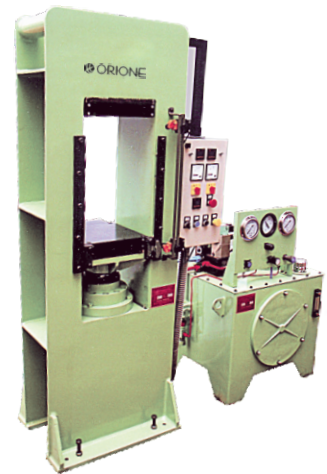
- Stroke : 750 mm
- Daylight : 965 mm
- Max. Torque applied : 690 Nm
- Power pack : 5 HP x 80 ltrs.
- Torque and stroke can be set as per requirement
- Application : To tighten lock ring of shock absorbers of rail coaches and wagons.

### 10 ton Shock Absorber Opening / Closing cum Testing Machine



- Stroke : 750 mm
- Daylight : 1200 mm
- Max. Torque applied : 690 Nm
- Power pack : 2 HP x 40 ltrs.
- Load and stroke can be set as per requirement.
- Application : Cycle testing of shock absorbers of rail coaches and wagons.

### 50 ton Composite Moulding Press



- Stroke : 500 mm
- Daylight : 800 mm
- Platen size : 600 mm x 550 mm
- Power pack : 5 HP x 200 ltrs.
- Application : Composite brake liners.

■ Specifications are subject to change due to continual improvement.