

LAKSHMI BRAND HYDRAULIC RAIL TENSOR
Specification no: TM/SM/32 dt: 20.12.1991



INTRODUCTION: - LAKSHMI-MEERUT has developed Obstruction-less / Non-infringing **Hydraulic Rail Tensor** to be used for Rail De-Stressing, Rail Welding, Installation of Insulated Glued Joints and other repair works of Rail Failure.

By its use rail can be evenly stressed throughout its length and it ensures Stress-free Welding.

SALIENT FEATURES:-

1. Non-infringing product.
2. Reduces block time.
3. Uniform Stressing / De-Stressing operation, using a single pump.
4. Less Manpower & effort is required as compared to conventional mechanical version.
5. Easy & efficient pumping due to low working pressure.
6. Calibrated Pressure Gauge for tonnage evaluation.
7. Easy to Assemble & De-assemble, thus a time saving product.
8. Chrome Plated Rams & Honed Cylinders for longer Seal life.
9. Long tie bars to provide space for thermit welding.
10. Powerful hydraulic mechanism nullifies the requirement of rail heating under extreme conditions.
11. Yokes are so designed that they require minimum displacement of Ballast.

PARTS SUPPLIED WITH EACH MACHINE:-

Hand Pump duly fitted with DCV & Pressure Gauge	01 nos.
Yoke	02 nos.
Hose Pipes	2000mm – 02 nos. 600mm – 04nos.
Lever Arms fitted with Rail Grips	04 nos.
Pair of Cylinders	01 Pair
Tie Bars with Male & Female Clevis	02 nos.
Tool kit	01 set
Instruction Manual	01 nos

Training: - Training regarding tensioning / De-Stressing operation and maintenance and upkeep of machine will be imparted at our works at Meerut to your representative free of cost.

TECHNICAL DATA:-

1. Capacity of Cylinders 35 tons each
2. Hydraulic stroke 300 mm
3. Working Pressure 560 Kg/cm² (Pulling Force – 70tons)
192 Kg/cm² (Pushing Force – 30tons)