

SHORT LIFTING SCREW RATCHET TYPE MECHANICAL JACKS



CAPACITY RANGE	5 Ton to 100 Ton
TYPE	Short Lifting Screw Ratchet Mechanical Jack
LIFT	Approx. 200 mm
OPERATION	Manual Ratchet Mechanism
CONSTRUCTION	Heavy-duty Fabricated Steel Construction
APPLICATIONS	Low Clearance Lifting, Support & Alignment Operations

FEATURES & BENEFITS

- Compact low-height design
- Ideal for low-headroom applications
- Positive mechanical load holding
- Robust ratchet mechanism
- No hydraulic oil required
- Heavy-duty steel construction
- Suitable for prolonged load support
- Low maintenance operation
- Rugged industrial design
- Portable and field-friendly
- Long service life

APPLICATIONS

- Railway maintenance
- Track maintenance operations
- Structural alignment
- Machinery installation
- Equipment positioning
- Heavy fabrication workshops
- Infrastructure projects
- Industrial maintenance
- Restricted access lifting applications
- Low clearance lifting operations

TECHNICAL SPECIFICATIONS

Model No.	Capacity (Ton)	Min Height (mm)	Screw Dia (mm)	Head Dia (mm)	Lift Approx (mm)
SLR-5	5	450	42	63	200
SLR-10	10	500	52	75	"
SLR-15	15	500	60	75	"
SLR-20	20	500	75	75	"
SLR-25	25	500	80	85	"
SLR-30	30	500	90	100	"
SLR-35	35	500	90	100	"
SLR-40	40	500	95	100	"
SLR-50	50	500	105	120	"
SLR-75	75	500	135	120	"
SLR-100	100	500	150	148	"

*Manufacturing Tolerance will be ±10MM

ESSENTIAL OPERATING GUIDELINES

- 1

Ensure stable and level placement.
- 2

Apply load centrally.
- 3

Do not exceed rated capacity.
- 4

Keep screw threads lubricated.
- 5

Inspect ratchet mechanism regularly.
- 6

Avoid side loading.