

RATCHET TYPE SCREW & TRAVERSING JACKS



CAPACITY RANGE	3 Ton to 100 Ton
TYPE	Ratchet Type Screw & Traversing Jack
LIFT	225 mm to 300 mm
TRAVERSE TRAVEL	175 mm to 400 mm
OPERATION	Manual Ratchet Operation
CONSTRUCTION	Heavy-duty Fabricated Steel Construction
APPLICATIONS	Lifting, Alignment & Lateral Traversing Operations

FEATURES & BENEFITS

- Combined lifting and traversing functionality
- Positive mechanical load holding
- Suitable for railway and industrial applications
- Heavy-duty fabricated steel construction
- Rugged ratchet mechanism
- Low maintenance operation
- Portable and field-friendly
- Reliable under harsh working conditions
- Suitable for precise positioning applications

APPLICATIONS & USE CASES

- Railway maintenance
- Rail alignment
- Rail shifting operations
- Bridge construction
- Structural positioning
- Machinery installation
- Heavy fabrication workshops
- Infrastructure projects
- Industrial maintenance
- Lateral movement of heavy loads

TECHNICAL SPECIFICATIONS

Model No.	Capacity (Ton)	Min Height (mm)	Max Height (mm)	Lift (mm)	Screw Dia (mm)	Head Dia (mm)	Traverse Travel (mm)	Approx Weight (kg)
STR-3	3	500	725	225	42	63	175	28
STR-5	5	500	725	225	45	63	175	32
STR-10	10	600	850	250	55	70	250	51
STR-15	15	650	950	300	63	85	300	60
STR-20	20	650	950	300	72	100	400	112
STR-25	25	650	950	300	76	100	400	126
STR-30	30	700	1000	300	80	100	400	152
STR-35	35	700	1000	300	82	110	400	156
STR-40	40	700	1000	300	90	110	400	165
STR-50	50	750	1000	250	100	120	400	208
STR-75	75	750	1000	250	120	145	400	250
STR-100	100	750	1000	250	125	145	400	270

*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

Ensure traversing path is unobstructed.
- 5

Keep screw threads lubricated.
- 6

Inspect ratchet mechanism before use.