

RACK & PINION JACKS



FEATURES & BENEFITS

- Heavy-duty rack & pinion lifting mechanism
- Precision machined gear system
- Positive mechanical load holding
- High-strength fabricated steel construction
- Dual lifting points (Head & Toe)
- Smooth manual lifting operation
- Wide stable base for secure lifting
- Suitable for prolonged load support
- Rugged industrial design
- Long service life with minimal maintenance

APPLICATIONS

- Railway maintenance
- Track maintenance depots
- Bridge construction
- Heavy equipment positioning
- Industrial maintenance
- Machinery installation
- Mining operations
- Fabrication workshops
- Infrastructure projects
- Construction sites

CAPACITY RANGE	1.5 Ton to 25 Ton
TYPE	Rack & Pinion Mechanical Jack
OPERATION	Manual Hand Crank
CONSTRUCTION	Heavy-Duty Fabricated Steel Construction
APPLICATIONS	Heavy Lifting, Positioning, Maintenance & Industrial Support

TECHNICAL SPECIFICATIONS

Model No.	Head Capacity (Ton)	Toe Capacity (Ton)	Min Height (mm)	Max Height (mm)	Head Size (mm)	Toe Size (mm)	Pedestal Size (mm)	Net Weight (kg)
JQ-1.5	1.5	0.75	605	905	77x40	60x55	100x110	11
JQ-3	3	1.5	715	1085	83x45	65x60	130x135	21.5
JQ-5	5	2.5	730	1080	105x68	75x70	145x170	28
JQ-10	10	5	795	1160	120x73	85x80	145x170	47
JQ-16	16	8	820	1140	153x90	90x85	150x180	65
JQ-20	20	10	865	1180	153x90	90x85	150x180	75
JQ-25	25	12.5	950	1360	153x90	90x85	200x230	93

*Manufacturing Tolerance ±10mm

ESSENTIAL OPERATING GUIDELINES

- 1

Place the jack on a firm and level surface.
- 2

Apply load centrally.
- 3

Use either the head or toe within rated capacity.
- 4

Inspect rack and pinion mechanism regularly.
- 5

Lubricate rack and gear periodically.
- 6

Do not exceed rated lifting capacity.