

Screw Jacks

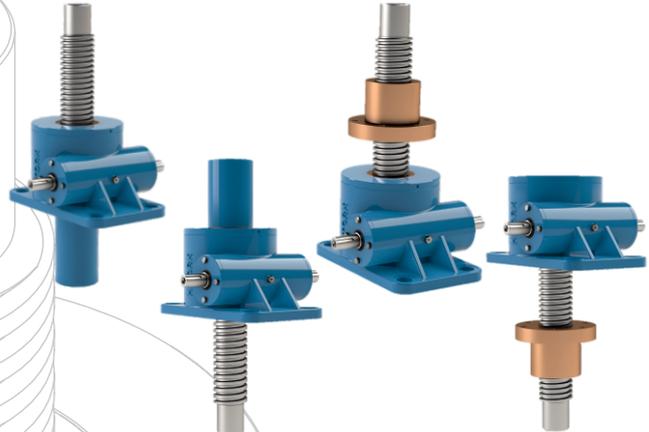
Linear Actuation Technology, Precise Positioning, Motion Drives and Controls

Worm Gear Screw Jack Classic Metric series-MWJ

Lifting Capacity: 0.25 Tons to 250 Tons
Ratios Available
Slow: 20:1, 24:1, 32:1, 36:1
Normal: 5:1, 6:1, 8:1, 23:3, 32:3, 12:1
(Refer catalogue for details)

Translating Screw, Upright
Type-1, Design-A

Rotating Screw, Upright
Type 2, Design A



Worm Gear Screw Jack Classic Inch series-IMA

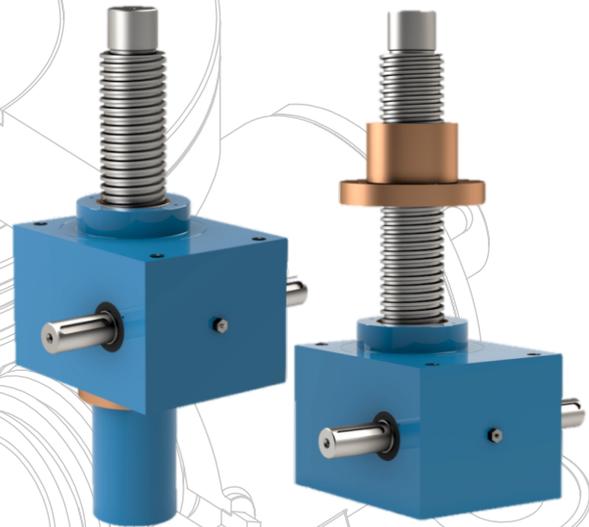
Lifting Capacity: 0.25 Tons to 250 Tons
Ratios Available
Slow: 20:1, 24:1, 32:1, 36:1
Normal: 5:1, 6:1, 8:1, 23:3, 32:3, 12:1
(Refer catalogue for details)

Worm Gear Screw Jack Cubical series-CWJ

Lifting Capacity: 0.5 Tons to 100 Tons
Mounting: Upright or Inverted
Ratios Available
Slow: 20:1, 30:1, 32:1, 36:1
Normal: 5:1, 10:1, 10.67:1, 12:1
(Refer catalogue for details)

Translating Screw, Inverted
Type-1, Design-B

Rotating Screw, Inverted
Type 2, Design B



Modified Cubical Worm Gear Screw Jack series-MCJ

Lifting Capacity: 0.5 Tons to 50 Tons
Mounting: Upright or Inverted
Ratios Available
Slow: 16:1, 24:1, 28:1, 36:1, 40:1, 56:1
Normal: 4:1, 6:1, 7:1, 9:1, 10:1, 14:1
(Refer catalogue for details)

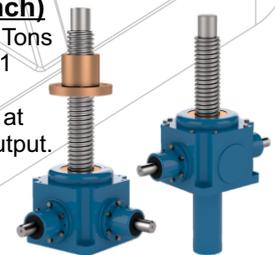
High Efficiency Worm Gear Screw Jack series-WGJ

Lifting Capacity: 0.5 Tons to 100 Tons
Mounting: Upright or Inverted
Ratios Available
Slow: 16:1, 20:1, 24:1, 28:1, 32:1, 40:1
Normal: 4:1, 5:1, 6:1, 7:1, 8:1, 10.67:1
(Refer catalogue for details)



Quick Lifting Bevel Gear Screw Jack series-BGJ (Metric/Inch)

Lifting Capacity: 0.5 Tons to 100 Tons
Ratio available: 2:1, 3:1, 3.5:1
Total efficiency upto 45%.
Two rotary outputs in line and at 90 deg in addition to screw output.
(Refer catalogue for details)



Worm Gear Screw Jacks - Ball Screw Version

CWJ BS, Ball Screw version

- 3 models.
- Lifting capacity from 7.5 kN to 87 kN.
- Ball screw dia from 20 to 80mm.
- Speed upto 5m/min

Other Ball Screw versions (Non Catalogued)

- IMA BS (Classic)
- MWJ BS (Classic)
- MCJ BS (Classic)
- WGJ BS (High Performance)
- BGJ BS (Quick Lifting)

(Refer catalogue for details)



Materials of Construction:

- Housing: Aluminium (Loads up to 1 Ton)
Spheroidal Graphite Iron for Other sizes
- Worm wheel: Aluminium-Bronze/ Phosphorous Bronze
- Lifting Screw: Self Locking Trapezoidal Machine Screw, Medium Carbon Alloy steel, Hardened and Tempered.
- Worm shaft: Case hardened Material with Ground Threads.
- Motor flange: IEC standard Motor flange available.
- Lubrication: Grease or Oil lubricated.

Note: Images shown are only conceptual - Non certified



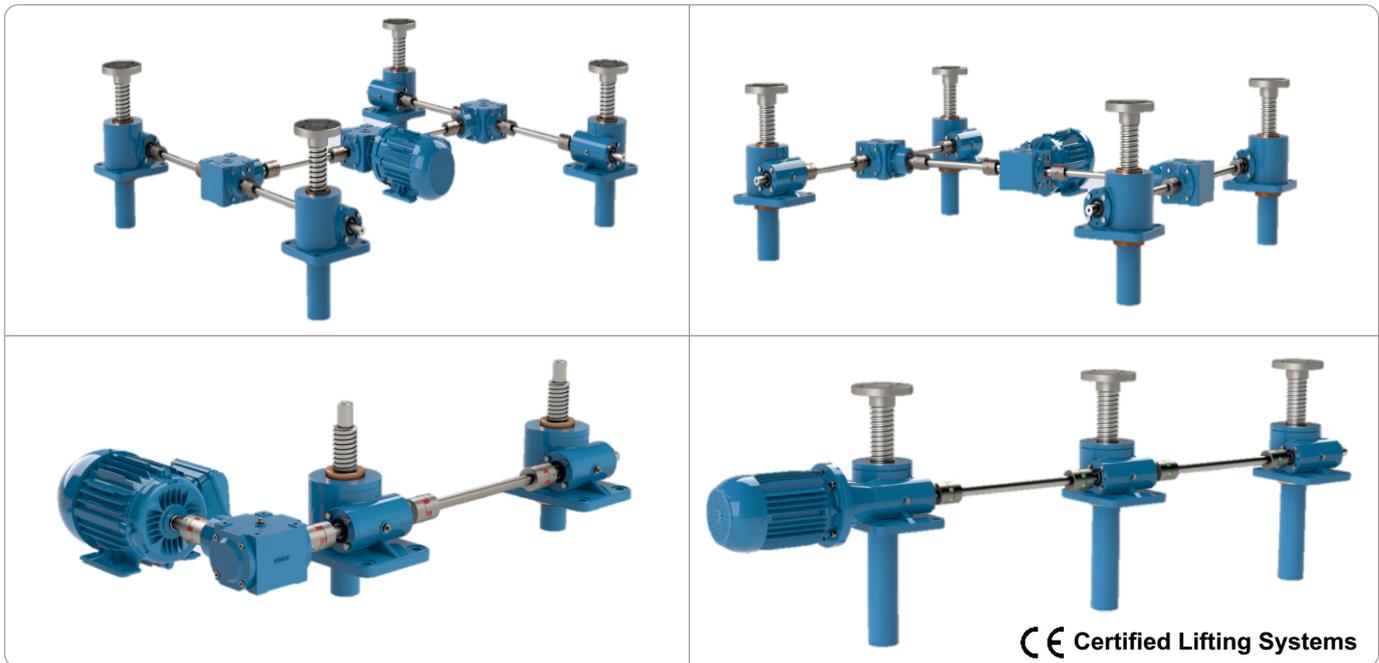
Gears and Gear Drives (India) Pvt Ltd
An ISO 9001-2015 Certified Company & CE certified Lifting Systems



CERTIFICATE No. 177024
Valid Till July 28, 2025

Screw Jacks

Linear Actuation Technology, Precise Positioning, Motion Drives and Controls
HiTork Can Design and Supply Complete Lifting Systems



CE Certified Lifting Systems

Hand wheel/ hand crank provided for manual operation for smaller load capacity. Refer catalogue for various other possibilities.

Mechanical Accessories



Electrical & Control Electronics Accessories



End Applications

- Industrial Automation
- Ship Maintenance
- Energy
- Defence
- Agricultural Machineries
- Off Road Vehicles
- Textile Machineries
- Railways
- Antenna Positioning
- Food Processing
- Rubber Processing
- ERW Tube Welding
- Grain Processing plant
- Cooling Towers
- Solar Panels
- Slitting Line
- Ceramic Industry
- Air Craft Maintenance
- Extruders
- Binding Equipments
- Pipe making machines
- Paper and Pulp Machineries
- Printing Industry
- Process Machineries
- Plastic Extruders
- Power Plants

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