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)

**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)

**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, 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
Ratios Available: 2:1, 3:1, 3:5:1
Total efficiency up to 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 80 mm
- Speed up to 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
- Liftig Screw: Self Locking Trapezoidal Machine Screw, Medium Carbon Alloy steel, Hardened and Tempered
- Worm shaft: Case hardened Material with Ground Threads.
- Lubrication: Grease or Oil lubricated.

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

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

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

Mechanical Accessories

- Top Plate
- Clavis
- Swivel Head
- Swivel Base
- Bellow
- Hand Wheel
- Torque Limiter
- Worm Reducer
- Geared Motor

Electrical & Control Electronics Accessories

- Electric Motor
- Servo Motor
- Encoder
- Potentiometer
- Limit Switch
- Proximity Switch
- Protection Relay
- Reed Switch

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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