Screw Jacks
Linear Actuation Technology, Precise Positioning, Motion Drives and Controls

**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 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 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, 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**
- Lifting Capacity: 0.5 Tons to 100 Tons
- Ratio 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 80mm
- Speed up to 5m/min
- Other Ball Screw versions (Non Catalogued)
  - IMA BS (Classic)
  - MWJ BS (Classic)
  - MCJ BS (Classic)
  - WBJ 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.
- Lubrication: Grease or Oil lubricated.

Note: Images shown are only conceptual - Non certified

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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  Clevis  Swivel Head  Swivel Base  Bellow  Hand Wheel  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
- Agricultural Machinery
- Wood Working Machine
- Cranes
- Waste water treatment
- Paper and Pulp Machineries
- Printing Industry
- Process Machineries
- Plastic Extruders
- Power Plants
- Packaging Industry
- Pipe Making Machines
- Pharmaceutical

We have provided complete supply of end to end solutions to our clients over three decades. We can supply control electronics and electrical accessories as turn-key projects. Note: Images shown are only conceptual - Non certified

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