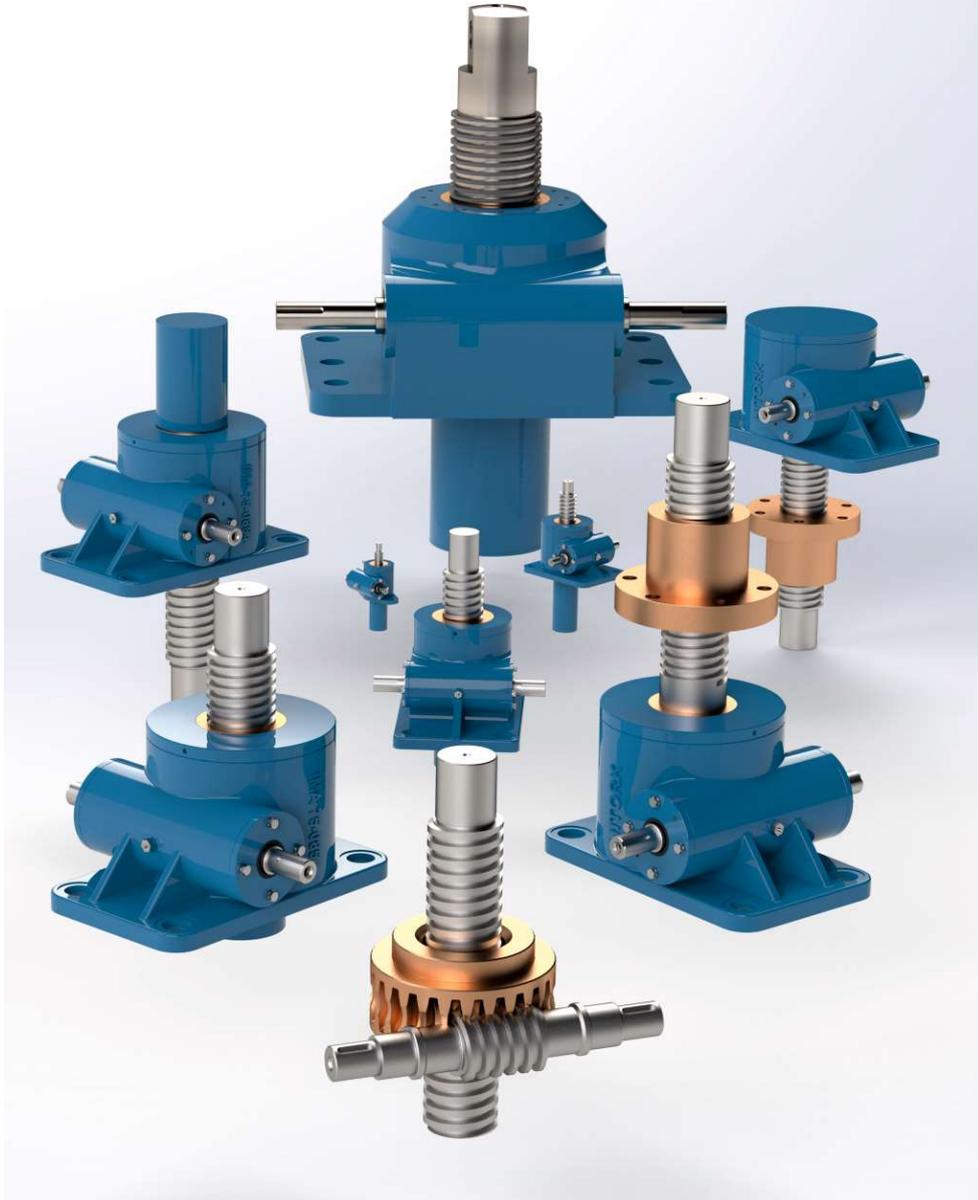
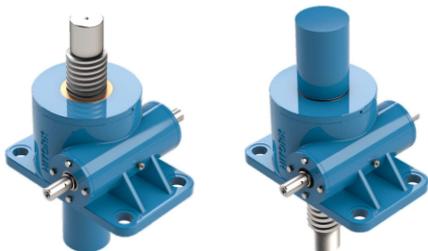


# Screw Jacks-Metric Version

Linear Actuation Technology, Precise Positioning, Motion Drives and Controls



Translating Screw



Type 1  
Design A  
(Upright)

Type 1  
Design B  
(Inverted)

Rotating Screw



Type 2  
Design A  
(Upright)

Type 2  
Design B  
(Inverted)



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

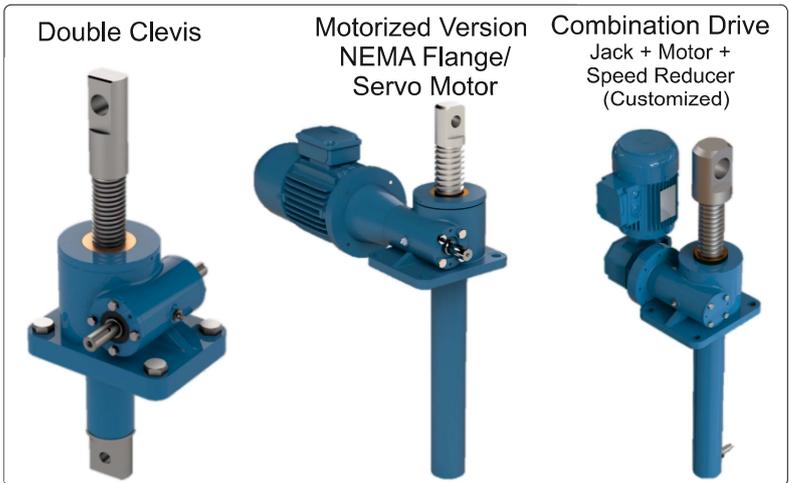


CERTIFICATE No. 177024  
Valid Till July 28, 2025

Translating Spindle / Rotating Spindle								
Model	Static Lifting Force F Max (kN)	Spindle		Gear Ratio		Lift / Turn of Input Shaft mm (Approx.)		
		Dia	Lead	Normal	Slow	N	L	
MWJ 0.25	2.5	12	3	5:1	20:1	0.3	0.15	
MWJ 0.5	5	18	6	5:1	20:1	0.6	0.3	
MWJ 1	10	20	5	5:1	20:1	1	0.25	
MWJ 2	20	26	6.35	6:1	24:1	1.058	0.262	
MWJ 2.5	25	30	6	6:1	24:1	1	0.25	
MWJ 5	50	40	7	6:1	24:1	1.167	0.292	
MWJ 10	100	58	12	23:3	24:1	1.565	0.5	
MWJ 15	150	60	12	23:3	24:1	1.565	0.5	
MWJ 20	200	70	10	8:1	24:1	1.25	0.416	
MWJ 25	250	90	16	32:3	32:1	1.5	0.5	
MWJ 30	300	95	16	32:3	32:1	1.5	0.5	
MWJ 35	350	100	16	32:3	32:1	1.5	0.5	
MWJ 50	500	120	16	32:3	32:1	1.5	0.5	
MWJ 75	750	127	16	32:3	32:1	1.5	0.5	
MWJ 100	1000	160	20	12:1	36:1	1.667	0.556	
MWJ 150	1500	180	25	12:1	36:1	2.08	0.694	
MWJ 250	2500	250	25	12:1	36:1	2.08	0.694	

Ratio : N=Normal, L=Slow, Lubrication=Grease;  
Refer the Catalogue for Selection of Screw Jacks.

### Standard Optional Configurations



Note: Drawings are only conceptual - Non certified

### Extra Features:

- Anti-Backlash, Anti-Turn(Keyed), Anti-Turn + Anti-Backlash feature available in Translating Spindle (Refer Catalogue)
- Anti-Backlash feature is possible in Rotating Spindle. Consult Factory
- Anti-Turn feature is not available in Rotating Spindle

### 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
- Agricultural Machinery
- Wood Working Machine
- Cranes
- Waste water treatment
- Paper & Pulp Industries
- 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.

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Certified Lifting Systems



### Our Representative