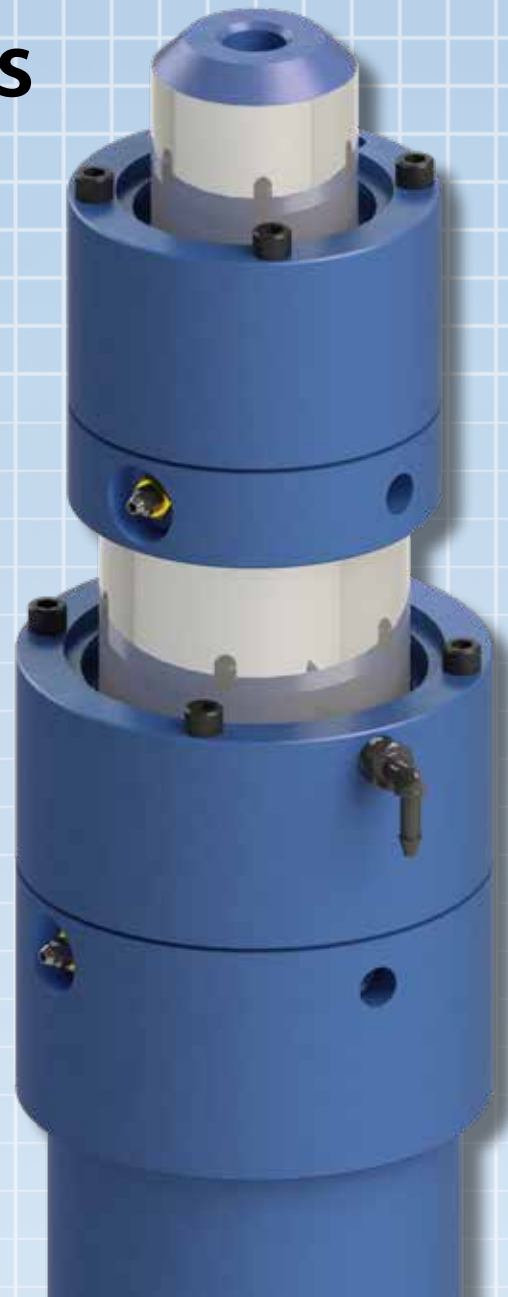




TELESCOPIC JACK UNITS

2 & 3 Stage for Direct Acting, Cantilever, & Dual Jack System Applications

- Replace Any Telescopic Jack Irrespective of Manufacture
- Holeless Design Can Handle Up to 5 Stop Installations with Minimum Overhead Requirements
- Complies with All the Latest Code Requirements
- Up to 14,000 lbs capacity



Design Features

- Complies with latest ASME A17.1 code
- Synchronized Pistons Travel at Same Speed
- Air Bleeder Supplied for each Head Assembly
- Wide Range of Threaded or Grooved Outlet Sizes

EECO Telescopic Jack Units are available from 1.6" to 4.5" upper piston diameter, in a wide range of wall thicknesses. They are designed for In-ground, Partial In-ground or Holeless configurations and can also be used with Residential Elevator Systems.

All welding is in accordance with the requirements of Part 8 of ASME A17.1, by certified welders.

With several sizes to choose from, EECO is sure to have the Telescopic Jack Unit for your application.

Models & Configurations

Stage	Model	In-ground w/ PVC	Partial In-ground	Holeless
2 Stage	TJR-160	—	—	✓
	TJR-175	—	—	✓
	TJR-250	Contact EECO	✓	✓
	TJR-275	✓	✓	✓
	TJR-350	✓	✓	✓
	TJR-400	✓	✓	✓
	TJR-450	✓	✓	✓
3 Stage*	TJ3-160	—	—	✓
	TJ3-250	Contact EECO	Contact EECO	✓

* Piston follower guide is required to meet code requirements

Standard TJR Series

Model		Upper Piston Wall Thickness		Piston(s) Weight per Total Travel	
Upper Piston Dia. in (mm)	Cylinder Dia. in (cm)				
Piston Disp. per Total Travel gal/ft (lit/m)		in	(mm)	lbs/ft	(kg/m)
Two Stage Jack Unit					
TJR-160		Solid	Solid	4.0	(5.9)
1.600 (40.6)	3.60 (9.1)				
0.20	(2.5)				
TJR-175		Solid	Solid	4.7	(7.0)
1.750 (44.5)	3.75 (9.5)				
0.22	(2.7)				
TJR-250		0.375 (9.5)		4.3	(6.3)
2.500 (63.5)	5.00 (12.7)	0.500 (12.7)		5.3	(7.9)
0.41	(5.1)	0.625 (15.9)		6.4	(9.5)
		0.750 (19.1)		7.0	(10.4)
TJR-275		0.375 (9.5)		4.8	(7.1)
2.750 (69.9)	5.75 (14.6)	0.500 (12.7)		6.0	(8.9)
0.51	(6.3)	0.625 (15.9)		7.1	(10.6)
		0.750 (19.1)		8.0	(11.9)
TJR-350		0.375 (9.5)		6.3	(9.4)
3.500 (88.9)	6.50 (16.5)	0.500 (12.7)		8.0	(11.9)
0.67	(8.4)	0.625 (15.9)		9.6	(14.3)
		0.750 (19.1)		11.0	(16.4)
TJR-400		0.375 (9.5)		7.3	(10.8)
4.000 (101.6)	7.50 (19.1)	0.500 (12.7)		9.3	(13.9)
1.00	(12.4)	0.625 (15.9)		11.3	(16.8)
		0.750 (19.1)		13.0	(19.4)
TJR-450		0.375 (9.5)		8.3	(12.3)
4.500 (114.3)	8.00 (20.3)	0.500 (12.7)		10.7	(15.9)
1.14	(14.2)	0.625 (15.9)		12.9	(19.2)
		0.750 (19.1)		15.0	(22.4)
Three Stage Jack Unit					
TJ3-160		Solid	Solid	5.5	(8.2)
1.600 (40.6)	5.25 (13.3)				
0.31	(3.8)				
TJ3-250		0.375 (9.5)		9.4	(14.0)
2.500 (63.5)	7.25 (18.4)	0.500 (12.7)		10.7	(15.9)
0.62	(7.7)	0.625 (15.9)		11.8	(17.5)
		0.750 (19.1)		12.7	(18.9)

Overtravel Requirement for TJR Series Jacks

Car Speed		Bottom Overtravel		Top Overtravel	
ft/min	(m/s)	in	(mm)	in	(mm)
100	(0.5)	7	(178)	9	(229)
125	(0.6)	9	(229)	11	(279)
150	(0.8)	10	(254)	12	(305)
175	(0.9)	11	(279)	13	(330)
200	(1.0)	12	(305)	14	(356)

Hydraulic Jack Accessories

Lifting Clamp



Evacuation System
(In-ground Only)



Electronic Leak Monitoring System
(In-ground Only)



Jack Steadier Kit



9" Rail Brackets



For further details and more of our accessories visit our website
www.elevatorequipment.com • sales@eecomail.com • (888) 577-EECO

