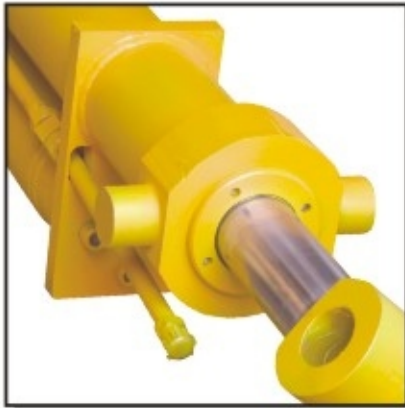


World Class **Hydraulic** **Cylinders** Manufacturers



Product Capabilities

	Industrial Tie Rod Cylinder	Threaded Type (Threaded ends to tube) Cylinder	Heavy Duty Welded Cylinder	Custom Built Cylinder	Telescopic Cylinder
Comprehensive Range of Sizes					
Bore Size	25 to 300 mm	50 to 210 mm	100 to 350 mm	63 to 300 mm	50 to 250 mm
Stroke Length	0.5M to 7M	0.5M to 7M	0.5M to 10M	0.5M to 10M	0.5M to 10M
Pressure Ratings	160 Bar to 280 Bar	160 Bar to 280 Bar	220 Bar to 400 Bar	160 Bar to 400 Bar	160 Bar to 280 Bar



JAGTAR SINGH & SONS (INDIA)

ONE STEP AHEAD



High Performance Components for the Hydraulic Cylinder Industry



Component	Material	Size (mm)
GLAND	CK45	OD 25 to 300mm Length upto 200
PISTON	CK45	OD 25 to 300mm Length upto 150
GLAND CAP	CK45	ID 40 to 350mm Length upto 100
PISTON ROD END	LOW CARBON	ID 20 to 200mm Length upto 200
TRUNNION	CK45	ID 50 to 400mm Length upto 250
END HEAD	LOW CARBON	OD 32 to 300mm Length upto 150
ANCHOR	LOW CARBON	ID 20 to 200mm Length upto 200
BALL JOINT	CK45	ID 20 to 100mm Length upto 200
RETURNING BOLT	CK45	ID 12 to 100mm Length upto 200
ROD	CK45	DIA 12 to 250mm Length upto 10000mm



Hollow Hard Chrome Plated Tubes

These Tubes are Chrome Plated at the outer surface and the inside of the tube is in honed condition.

Mobile Applications often calls for hydraulic cylinders with long strokes and small profiles: - Ideal conditions for Telescopic Cylinders.

The great advantage of Telescopic Cylinders have over any other type of cylinders is their ability to provide and exceptionally long stock from a compact initial package. The collapsed length of typical telescopic cylinders varies between 20-40% of their extended length.

Thus, when mounting space is limited and the application needs a long stroke, a telescopic cylinder is used.

As the name implies telescopic cylinders are constructed like a telescope. Sections of steel tubing with successfully smaller diameters nest inside each other. The larger diameter section is called the main or barrel, smaller diameter section that move are called stages.

Because of the typical requirement the tubes working in stages are required to be chrome plated from outside for their smooth movement while the barrel the largest dia section is not chrome plated from outside.

Jagtar Singh & Sons (India) is a specialist in making these Stage Tubes for Telescopic Hydraulic Cylinder. These tubes are available in various sizes and diameters. Telescopic Cylinders are used in Dumpers, Waste Handling Trucks.

Standard sizes in regular use are in the range of 100mm to 200mm with maximum extrusion length of 9 meters. The working pressure is 200 bars while we also design other sizes as per the specific needs of our customers.

Complete Solution for Ground & Polished Rods/Bars

Material : GRADE OF STEEL
CK-45/AISI C1050,AISI C1060,AISI 4340 (SAE)
All materials are ultrasonically/chemically tested before use.

These shafts are in ready-to-use condition.
No further processing steps like turning, grinding and
polishing are required.
Threads and slotting if required are provided as per drawings.

Application : Pump shafts, High-speed motor shafts,
Axle shafts and other special purpose machines.

Straightness : 0.1/1000 mm
Surface Roughness : 0.2 Ra
Surface hardness : 200 - 220 BHN
Sizes : Dia 12mm to 25mm, lg. 3000mm
Dia 28mm to 110mm, lg. 6000mm



JAGTAR SINGH & SONS (INDIA)

Head Office: C-1/B, Mansarovar Garden
New Delhi-110015, India
Phone : +91-11-25458355, 25458404
Fax : +91-11-25469094
E-mail : joginder@del3.vsnl.net.in; hardeep.singh@jssi.in
Website : www.jssi.in

Works: Plot No. 46, Phase-I
Plot No. 84, Phase-II
Nangli Sakrawati Extn., Najafgarh
New Delhi-110043
Phone : +91-11-25321558 Fax : 25321472
E-mail : jsv_jssi@yahoo.co.in

For business in **United Kingdom** contact our executive
Mr. Parvinder Singh
Mobile : +447825163968
E-mail : jssi.uk@gmail.com



Parvinder Singh