

SINGLE ACTING HOLLOW CYLINDER SPRING RETURN

CAPACITY	10 to 1000 tons
TYPE	Single-acting, spring return with hollow plunger
STROKE	Various options available
PRESSURE RATING	Up to 700 bar
BUILD	Heavy-duty alloy steel construction with corrosion-resistant coating



FEATURES:

- Hollow ram design allows for both push and pull operations using rods or cables
- Spring-assisted retraction for simple, reliable return
- Lightweight and compact for easy handling in tight spaces
- Ideal for tensioning, pulling, testing, and maintenance applications

APPLICATIONS:

Pre-stressing, cable tensioning, bearing extraction, and maintenance in power, infrastructure, and construction sectors

TECHNICAL SPECIFICATIONS

Model	Capacity (ton)	Stroke (mm)	Closed height A (mm)	Cylinder OD B (mm)	Bore dia. C (mm)	5 Hole dia. (mm)	Ram dia. D (mm)	Wt. (Approx.) (kg)
OHJH 10-100	10	100	215	75	60	21	50	6
OHJH 20-100	20	100	220	105	85	28	75	13.5
OHJH 30-100	30	100	245	115	95	34	80	16
OHJH 50-100	50	100	255	150	125	42	100	27
OHJH 60-100	60	100	270	165	135	54	110	35
OHJH 100-100	100	100	295	215	180	77	150	62

ESSENTIAL OPERATING GUIDELINES:

1. **Use within rated load and stroke limits** – avoid overloading or overextension to protect the cylinder and operator.
2. **Ensure correct positioning and alignment** – support load centrally through the hollow bore to prevent bending or side load.
3. **Use a compatible pump and fittings** – match system pressure and oil volume for proper spring-assisted retraction.
4. **Inspect and maintain regularly** – check the hollow plunger, seals, and return spring to ensure safe and reliable use

CYLINDERS AS PER CUSTOM SPECIFICATIONS AVAILABLE