

LOW PROFILE CYLINDERS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

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Low-profile cylinders are specialised hydraulic tools designed for applications where space is limited, but powerful lifting force is necessary.

These cylinders are often used in construction, maintenance, and industrial settings for tasks such as lifting heavy machinery, structural supports, or other large objects where a standard cylinder might not fit.

The low-profile design allows them to be inserted into tight spaces, providing a versatile solution for engineers and technicians. Ranging from 10 tonnes upto 200 tonnes models.

KEY FEATURES:

- Compact low-profile design for confined spaces
- Lifting capacities from 10 to 200 tonnes
- High-strength steel construction
- High-pressure hydraulic operation
- Excellent stability during lifting operations
- Multiple stroke options available
- Hard chrome-plated piston for durability
- Precise load control and positioning
- Suitable for heavy machinery and structural lifting
- Low maintenance and long service life



SPECIFICATIONS:

- **Capacity Range:** 10 to 200 Tonnes
- **Stroke Options:** Multiple stroke lengths available
- **Cylinder Type:** Single Acting / Double Acting (Model Dependent)
- **Maximum Operating Pressure:** Up to 700 bar
- **Construction:** High-strength alloy steel
- **Piston Finish:** Hard chrome-plated for corrosion resistance
- **Operation:** High-pressure hydraulic
- **Design:** Compact, low-profile configuration
- **Applications:** Construction, Offshore, Marine, Industrial & Infrastructure
- **Compatibility:** Suitable with standard hydraulic pumps and accessories

ADVANTAGES:

- High lifting capacity
- Reliable hydraulic performance
- Compact design for confined spaces
- Excellent load stability
- Durable construction
- Easy integration with hydraulic systems
- Low maintenance requirements
- Suitable for continuous heavy-duty operation

APPLICATIONS:

- Heavy Machinery Lifting
- Equipment Installation & Maintenance
- Structural Lifting
- Bridge & Infrastructure Works
- Industrial Plant Maintenance
- Fabrication & Engineering Projects
- Offshore & Marine Applications
- Load Positioning and Alignment



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JACK CODE	CAPACITY (TONNES)	CLOSED HEIGHT (H)	OUTSIDE DIAMETER (D1)	PISTON DIAMETER (D2)	STROKE (MM)	MAXIMUM PRESSURE	FLUID LITRES	WEIGHT (KGS)
LP10-38	10	89	70	38	38	700	0.1	2.5
LP20-44	5	99	92	51	44	700	0.2	5.1
LP30-62	10	117	102	64	62	700	0.3	6.8
LP45-60	45	122	124	70	60	700	0.4	9.9
LP90-47	90	141	165	90	47	700	0.7	20.6
LP90-47 (EnP)	90	141	162	90	47	700	0.8	21.1
LP145-60	145	162	216	120	16	60	1.2	48.3



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