

HIGH TONNAGE CYLINDERS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

High Tonnage Cylinders are designed to deliver exceptional lifting force and controlled movement for demanding heavy-lifting applications. These cylinders provide reliable performance for lifting, positioning, and supporting large structures, bridges, and industrial equipment.

Engineered for maximum strength and stability, high-capacity hydraulic cylinders are ideal for complex lifting operations requiring precise control, such as infrastructure projects, heavy construction, offshore applications, and structural relocation works.

With robust construction and dependable hydraulic performance, these cylinders ensure safe and efficient load handling while meeting the requirements of large-scale jacking and lifting operations.

KEY FEATURES:

- High-capacity hydraulic lifting performance
- Designed for demanding heavy-duty applications
- High-strength alloy steel construction
- High-pressure hydraulic operation
- Hard chrome-plated piston for enhanced durability
- Excellent load stability and precise positioning
- Multiple stroke options available
- Suitable for single or synchronized lifting systems
- Rugged construction with low maintenance requirements

SPECIFICATIONS:

- **Capacity Range:** High-capacity models available
- **Cylinder Type:** Single Acting / Double Acting (Model Dependent)
- **Stroke Options:** Multiple stroke lengths available
- **Maximum Operating Pressure:** Up to 700 bar (model dependent)
- **Construction:** High-strength alloy steel
- **Piston Finish:** Hard chrome-plated
- **Operation:** High-pressure hydraulic
- **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 Structural Lifting
- Bridge Construction & Rehabilitation
- Offshore & Marine Projects
- Infrastructure Development
- Heavy Equipment Installation
- Industrial Plant Maintenance
- Structural Relocation
- Mining & Energy Projects
- Large-Scale Jacking Operations



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JACK CODE	CAPACITY (TONNES) / PUSH	CAPACITY (TONNES) / PULL	CLOSED HEIGHT (H)	OUTSIDE DIAMETER (D1)	PISTON DIAMETER (D2)	TYPE	STROKE (MM)	MAXIMUM PRESSURE	FLUID LITRES	WEIGHT (KGS)
HC300-200DA	300	148	359	315	165	D/A	200	700	6.8	156
HC300-300DA	300	147	450	270	165	D/A	300	700	9.1	195
HC350-250DA	350	165	450	355	185	D/A	250	700	10.1	185
HC400-100DA	400	185	310	405	200	D/A	100	700	5.7	165
HC500-150DA	500	245	525	675	205	D/A	150	700	9.8	372
HC800-200DA	750	315	590	500	300	D/A	200	700	17.8	638
HC1200-200DA	1200	592	750	610	360	D/A	200	700	25.8	1285
HC1200-300DA	1200	592	865	650	360	D/A	300	700	32.8	1980



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