

PLAIN RAM CYLINDERS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

Long stroke and heavy-duty hydraulic cylinders are essential components in various heavy-lifting industrial applications, providing the force and movement required for moving structures and frame upto 1 metres distances.

Long stroke hydraulic cylinders are designed to extend over considerable distances, making them ideal for applications that require significant linear motion, such as in material handling or construction equipment like jack and pack operations.

These cylinders are engineered to maintain stability and efficiency over long distances, ensuring precision and reliability. Incorporating temporary propping for lifting upto 2-3 metres operations.

KEY FEATURES:

- Long-stroke hydraulic cylinder design
- High-strength alloy steel construction
- High-pressure hydraulic operation
- Multiple stroke lengths available
- Hard chrome-plated piston for enhanced durability
- Smooth and precise load positioning
- Suitable for single or synchronized lifting systems
- Designed for temporary propping and staged lifting operations
- Rugged construction with low maintenance requirements

SPECIFICATIONS:

- **Cylinder Type:** Plain Ram Hydraulic Cylinder
- **Operation:** High-pressure hydraulic
- **Construction:** High-strength alloy steel
- **Piston Finish:** Hard chrome-plated
- **Stroke Options:** Multiple stroke lengths available
- **Maximum Operating Pressure:** Up to 700 bar (model dependent)
- **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:

- Jack & Pack Operations
- Structural & Frame Lifting
- Bridge Construction & Rehabilitation
- Temporary Propping Systems
- Heavy Equipment Installation
- Offshore & Marine Projects
- Civil & Infrastructure Works
- Industrial Plant Maintenance
- Machinery Positioning & Alignment



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UAE-UK-INDIA-AZERBAIJAN-SINGAPORE

JACK CODE	CAPACITY (TONNES) / PUSH	CAPACITY (TONNES) / PULL	CLOSED HEIGHT (H)	OUTSIDE DIA. (D1)	PISTON DIA. (D2)	TYPE	STROKE (MM)	MAXIMUM PRESSURE	FLUID LITRES	WEIGHT (KGS)
SA25-250DA	25	10	415	85	40	D/A	250	700	0.7	22
SA25-1050DA	25	10	1250	85	35	D/A	1050	700	3.62	63
SA30-210	30	-	387	102	50	S/R	210	700	0.92	19.3
SA50-150	50	-	285	129	80	S/R	150	700	1.15	25
SA100-150	100	-	337	159	105	S/R	150	700	2.5	43
HRC150-150DA	150	71	315	215	115	D/A	150	700	1.66	68
HR200-150DA	200	91	330	245	140	D/A	150	700	2.4	147



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