

PAD JACK CYLINDERS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

The Pad Jack is an innovative piece of equipment that plays a pivotal role in heavy lifting and specialized construction tasks.

Comprised of hydraulic cylinders, these jacks are designed to provide immense lifting power, making them indispensable in scenarios where traditional lifting methods fall short. Ranging from 5 tonnes upto 200 tonnes models

KEY FEATURES:

- Compact, low-profile design
- Lifting capacities from 5 to 200 tonnes
- High-strength steel construction
- High-pressure hydraulic operation
- Multiple stroke options available
- Hard chrome-plated piston for extended service life
- Reliable and precise load control
- Suitable for single or synchronized lifting systems
- Durable, low-maintenance design



SPECIFICATIONS:

- **Capacity Range:** 5 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
- **Operation:** High-pressure hydraulic
- **Design:** Compact, low-profile configuration
- **Applications:** Construction, Offshore, Marine, Industrial & Infrastructure

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 Lifting Operations
- Bridge Construction & Maintenance
- Structural Jacking
- Offshore & Marine Projects
- Industrial Plant Maintenance
- Machinery Installation
- Civil & Infrastructure Projects
- Equipment Alignment & Positioning



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UAE-UK-INDIA-AZERBAIJAN-SINGAPORE

JACK CODE	CAPACITY (TONNES)	CLOSED HEIGHT (H)	OUTSIDE DIAMETER (D1)	PISTON DIAMETER (D2)	CYLINDER WIDTH (W)	STROKE (MM)	MAXIMUM PRESSURE	FLUID LITRES	WEIGHT (KGS)
PJ05-06	5	32	61	25	41	6	700	0.01	0.6
PJ05-16	5	43	60	25	41	16	700	0.02	1.3
PJ10-11	10	43	84	50	56	11	700	0.04	1.5
PJ20-11	20	51	102	51	76	11	700	0.05	2.7
PJ30-11	30	59	117	64	97	13	700	0.07	4.4
PJ45-16	45	67	140	70	114	16	700	0.11	6.7
PJ75-16	75	80	165	90	140	16	700	0.17	11.5
PJ90-16	90	86	177	90	152	16	700	0.21	24.2
PJ145-16	145	100	215	118	190	16	700	0.32	24.2



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