

GENERAL CYLINDERS



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

Comprised of hydraulic cylinders, these jacks are designed to provide immense lifting power, making them indispensable in scenarios where traditional lifting methods fall short.

Available in capacities ranging from 5 tonnes to 300 tonnes with multiple stroke options, these cylinders are suitable for a wide variety of lifting, maintenance, construction, offshore, and industrial applications.

KEY FEATURES:

- Lifting capacities from 5 to 300 tonnes
- Multiple stroke lengths available
- High-strength steel construction
- Compact and rugged design
- High-pressure hydraulic operation
- Hard chrome-plated piston for enhanced durability
- Reliable and precise load control
- Suitable for single or synchronized lifting systems
- Low maintenance and long service life



SPECIFICATIONS:

- **Capacity Range:** 5 – 300 Tonnes
- **Stroke Options:** Multiple stroke lengths available
- **Cylinder Type:** Single Acting / Double Acting (Model Dependent)
- **Operating Pressure:** High-pressure hydraulic operation
- **Construction:** High-strength alloy steel
- **Piston:** Hard chrome-plated for enhanced durability
- **Hydraulic Connection:** Standard high-pressure hydraulic couplings
- **Surface Finish:** Corrosion-resistant coating
- **Operation:** Manual or powered hydraulic pump compatible
- **Applications:** Lifting, positioning, maintenance, construction, offshore, marine, and industrial projects

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 Equipment Maintenance
- Construction & Civil Engineering
- Bridge Lifting & Rehabilitation
- Offshore & Marine Operations
- Industrial Plant Maintenance
- Machinery Installation
- Structural Lifting
- Manufacturing & Heavy Engineering



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JACK CODE	CAPACITY (TONNES) / PUSH	CLOSED HEIGHT (H)	OUTSIDE DIAMETER (D1)	PISTON DIAMETER (D2)	TYPE	STROKE (MM)	MAXIMUM PRESSURE	FLUID LITRES	WEIGHT (KGS)
HC5	25	110-325	38.1	35	SPRING	25-250	700	-	1.1 - 2.6
HC10	25	95 - 520	57.2	35	SPRING	25-400	700	-	1.8 - 8.4
HC15	30	124 - 522	69.9	50	SPRING	25-400	700	-	3.4 - 12.8
HC25	50	140 - 476	85.7	50	SPRING	25-365	700	-	5.4 - 16.7
HC55	100	174-460	127.1	50	SPRING	50-335	700	-	14.7-35.3
HC75	150	315-492	146.1	115	SPRING	150-335	700	-	33-49.5
HC100	200	219-429	158.8	140	SPRING	50-250	700	-	28.5-51.8
HC20-1050	300	1290	105	38	D/A	1050	350	2.9	82
HC30-500	300	730	125	60	D/A	500	7700	2.1	39
HC90-200	350	820	210	75	D/A	200	700	1.55	65
HC250-400	400	620	370	290	D/A	400	350	5.8	523

JACK CODE	CAPACITY (TONNES) / PUSH	CAPACITY (TONNES) / PULL	CLOSED HEIGHT (H)	OUTSIDE DIA. (D1) (MM)	PISTON DIA. (D2) (MM)	TYPE	STROKE (MM)	MAXIMUM PRESSURE (BAR)	FLUID (LITRES)	WEIGHT (KGS)
SA10-100	10	-	175	60	25	SPRING	100	700	0.2	4
SA25-150	25	-	275-282	88	58	SPRING	150	700	0.5	9
SA25-250DA	25	10	370	92	38	D/A	250	700	0.7	22
SA30-210	30	-	387	102	50	SPRING	210	700	0.9	19
HC50-150	50	-	283	127	79	SPRING	155	700	1.3	24
HC100-200DA	100	43	455	230	104	D/A	200	700	1.66	68
HR200-150DA	200	91	330	245	140	D/A	150	700	2.4	147
HC300-200DA	300	-	359	315	165	D/A	200	700	6.8	156
HC300-300DA	300	-	450	270	165	D/A	300	700	9.4	195
HC350-250DA	350	-	450	355	185	D/A	250	700	10.1	185
HC400-100DA	400	-	310	405	200	D/A	100	700	5.7	165
HC500-150DA	10300	245	525	675	205	D/A	150	700	9.8	372
HC800-200DA	750	-	590	500	300	D/A	200	700	17.8	638
HC1200-200DA	1200	-	750	610	360	D/A	200	700	25.8	1285
HC1200-300DA	1200	-	865	650	360	D/A	300	700	32.8	1980



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