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JAH - ALUMINIUM JACKS



Capacities from 20 to 60 tonnes

Stroke lengths from 152 to 305mm

Internal safety overload device

The JAH range of lightweight aluminium jacks offers a wide variety of capacities and lift height options. Available as either plain ram lifting jacks, with or without “failsafe” mechanical lock ring, or optional low height claw lifting design. All models are constructed predominantly of lightweight aluminium alloy with all critical functioning parts manufactured from high quality steel. Used extensively in maintenance, construction, heavy plant and machinery applications, these high quality jacks are the proven industry standard.

- >> Lightweight construction
- >> Safestop stroke limiting device
- >> Optional pressure gauge
- >> Available as plain ram jack, claw jack or “failsafe” locking ring design



For your information ...

Optional pressure gauges complete with mounting kits are available. More details on request

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Model number	Jack capacity tonnes	Claw capacity tonnes	Stroke mm	Weight kg
Jack with plain piston				
JAH620	20	-	152	10.9
JAH1220	20	-	305	16.7
JAH630	30	-	152	15.4
JAH1230	30	-	305	23.4
JAH660	60	-	152	27.4
JAH1260	60	-	305	43.7
Jack with plain piston & lifting claw				
JAH620C	20	8	152	14.5
JAH1220C	20	8	305	22.2
JAH630C	30	12	152	20.3
JAH1230C	30	12	305	31.0
JAH660C	60	24	152	43.1
JAH1260C	60	24	305	64.9
Jack with “failsafe” locking ring				
JAH620SR	20	-	152	12.5
JAH1220SR	20	-	305	18.0
JAH630SR	30	-	152	16.5
JAH1230SR	30	-	305	24.5
JAH660SR	60	-	152	30.0
JAH1260SR	60	-	305	44.0

Dimensions in mm			
Closed height	Toe height	Base length	Base width
263	-	178	121
438	-	246	121
263	-	197	140
451	-	273	140
293	-	251	190
500	-	339	190
276	67	246	121
452	67	246	121
281	73	273	140
470	73	273	140
327	73	339	190
533	73	339	190
289	-	178	121
464	-	246	121
292	-	197	140
479	-	273	140
330	-	251	190
536	-	339	190

JAL & JSL - COMPACT JACKS



Capacities from 10 to 20 tonnes

Operate in any position

Lightweight and compact

The Hi-Force JAL & JSL range of compact jacks is ideally suited for applications requiring a lifting or positioning force in confined spaces. Lightweight, easy to operate and available in steel or durable aluminium versions, all models incorporate a spring assisted, hard chrome plated piston. The pumping mechanism rotates through 360°, providing maximum versatility in any application. With the removable operating handle measuring only 210mm in length, these compact lifting jacks will fit in any toolbox.

- >> Spring assisted return piston
- >> Multi-position pump mechanism
- >> Internal safety overload valve
- >> Wear plated piston rod
- >> Sealed hydraulic system
- >> Choice of aluminium or steel versions

Model number	Construction	Capacity tonnes	Stroke mm	Weight kg
JSL10	Steel	10	38	4.4
JAL10	Aluminium	10	38	3.2
JAL20	Aluminium	20	44	5.0

Dimensions in mm		
Closed height	Body length	Body width
76	212	70
79	212	70
99	233	90

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JAS - ALUMINIUM MULTI-PURPOSE JACKS



Capacity 10 tonnes

Operate in any position

Lightweight and compact

The Hi-Force JAS range of lightweight multi-purpose jacks is manufactured predominantly from high quality aluminium alloy and offers a full 10 tonnes of hydraulic force with a 75 or 125mm stroke. The sealed hydraulic system avoids the need for breather valves, enabling the jack to operate in any position. Jacks are fitted with integral stop ring and spring assisted return hard chromed piston rods.

Model number	Capacity tonnes	Stroke mm	Weight kg
JAS103	10	75	4.3
JAS105	10	125	5.7

Dimensions in mm		
Closed height	Body length	Body width
131	162	75
181	162	75

JSS - STEEL BOTTLE JACKS



Capacities from 3 to 100 tonnes

Strong rigid steel construction

Suitable for industrial and automotive use

The Hi-Force JSS range of steel bottle jacks offers capacities from 3 to 100 tonnes, with stroke lengths from 127 to 213mm. Models up to 16 tonnes capacity feature a screw extension to span the gap between the piston ram cap and the load. All models are fitted with internal safety valve and are supplied with tubular operating handle.

Model number	Capacity tonnes	Stroke mm	Screw extension mm	Weight kg
JSS35	3	125	60	4.0
JSS55	5	125	80	4.8
JSS106	10	170	100	8.0
JSS166	16	170	100	11.6
JSS207	20	195	-	15.8
JSS327	32	195	-	23.0
JSS507	50	195	-	35.4
JSS1007	100	213	-	104.0

Closed height	Dimensions in mm		
	Piston diameter	Base length	Base width
195	25	115	95
200	30	121	109
245	40	136	122
250	46	160	146
285	55	125	164
290	69	150	190
300	83	176	220
350	117	300	259

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HCJ - STEEL TOE JACK



Capacity 5 tonnes

Strong rigid steel construction

Toe guided over full stroke length

The Hi-Force HCJ5 toe jack offers a full 5 tonnes capacity either on the piston head or the fully integrated toe. The low height toe is guided over the full stroke length of the jack, reducing the effects of side loading. The piston is enclosed within the toe and is not exposed during operation. These features make the HCJ5 a truly multi-purpose jack which can easily and safely be used in the most difficult conditions, including underground mining applications.

Model number	Jack capacity tonnes	Toe capacity tonnes	Stroke mm	Weight kg
HCJ5	5	5	175	18

Closed height	Dimensions in mm		
	Toe height	Toe depth	Base length
327	37	55	225