



AJH-620

AJS-65

AJS-104

Aluminium hydraulic jacks model AJH and model AJS

Capacities from 6.5 - 100t

Aluminium jacks combine light weight with high lifting capacity. The use of high tensile aluminium alloy allows lifting capacities of up to 100 tons resulting in a very favourable 1.8 tons lifting capacity per 1 kg weight ratio. Operation of Yale hydraulic jacks is very simple. Jacks are supplied ready for use, i.e. including hydraulic oil, operating lever and, where applicable, carrying handle and lifting claw.

Aluminium jacks with lifting claw

Jacks from 20 tons are available with a lifting claw. In this case the jacks are provided with an elongated base plate. The max. permissible working load of the lifting claws is 40% of the jack capacity.

Aluminium jacks with safety lock nut

Jacks from 20 tons can be supplied with a safety lock nut. This device allows absolute safe jacking over a long period. In this case the hydraulic jack can be operated like a mechanical support and the hydraulic system can be totally released.

Application

Hydraulic jacks are universally popular tools for use in workshops or on site for all kinds of lifting and assembly applications, for construction, shipbuilding, power plants, general engineering, metal fabrication and many more. Applications are unlimited. Standard jacks with plain piston and jacks with safety lock nuts cannot be used with a lifting claw. To increase stability, all jacks with long stroke (305 mm) are equipped with an elongated base plate.

Features

- Strokes from 75 - 305 mm.
- Extremely low weight.
- The 6.5 and 10 tons jacks can be operated in any position (also upside down) and are equipped with spring return piston and stop ring.
- The 20 to 100 tons jacks can be operated vertically or with front face in horizontal position.
- All jacks are provided with an overload protection valve.
- From 20 tons capacity with additional mechanical stroke limiter.
- All jacks with hardened alloy steel saddle and sensitive lowering valve which is activated by the operating lever.



AJH-630 SR

Technical data model AJH and model AJS

Model	EAN-No. 4025092*	Capacity t	Capacity of lifting claw max. t	Stroke mm	Overall height mm	Base plate mm	Height of lifting claw min. mm	Weight kg
AJS-65	*157995	6.5	–	75	131	159x76	–	3.6
AJS-104	*158015	10	–	115	182	171x76	–	6.3
AJH-620	*158046	20	–	152	265	180x120	–	10.9
AJH-1220	*158107	20	–	305	440	250x120	–	16.7
AJH-630	*158169	30	–	152	265	200x140	–	15.4
AJH-1230	*158220	30	–	305	452	275x140	–	23.4
AJH-660	*158282	60	–	152	293	250x190	–	27.4
AJH-1260	*158343	60	–	305	500	340x190	–	43.7
AJH-6100	*158404	100	–	152	315	305x250	–	49.0

Jacks with lifting claw

Model	EAN-No. 4025092*	Capacity t	Capacity of lifting claw max. t	Stroke mm	Overall height mm	Base plate mm	Height of lifting claw min. mm	Weight kg
AJH-620 C	*158060	20	8	152	280	250x120	67	14.5
AJH-1220 C	*158121	20	8	305	452	250x120	67	22.2
AJH-630 C	*158183	30	12	152	284	275x140	72	20.3
AJH-1230 C	*158244	30	12	305	472	275x140	72	31.0
AJH-660 C	*158305	60	24	152	327	340x190	72	43.1
AJH-1260 C	*158367	60	24	305	533	340x190	72	64.9

Jacks with safety lock nut

Model	EAN-No. 4025092*	Capacity t	Capacity of lifting claw max. t	Stroke mm	Overall height mm	Base plate mm	Height of lifting claw min. mm	Weight kg
AJH-620 SR	*158084	20	–	152	291	180x120	–	10.9
AJH-1220 SR	*158145	20	–	305	464	250x120	–	16.7
AJH-630 SR	*158206	30	–	152	294	200x140	–	15.4
AJH-1230 SR	*158268	30	–	305	480	275x140	–	23.4
AJH-660 SR	*158329	60	–	152	330	250x190	–	27.4
AJH-1260 SR	*158381	60	–	305	536	340x190	–	43.7
AJH-6100 SR	*158428	100	–	152	366	305x250	–	53.0