



AJH-620

AJS-65

AJS-104

AJH and AJS Aluminium hydraulic jacks

Capacity 6.5 - 100 t

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 AJH and AJS

Model	Art.-No.	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	N13200950	6.5	–	75	131	159 x 76	–	3.6
AJS-104	N13200951	10	–	115	182	171 x 76	–	6.3
AJH-620	N13200952	20	–	152	265	180 x 120	–	10.9
AJH-1220	N13200955	20	–	305	440	250 x 120	–	16.7
AJH-630	N13200958	30	–	152	265	200 x 140	–	15.4
AJH-1230	N13200961	30	–	305	452	275 x 140	–	23.4
AJH-660	N13200964	60	–	152	293	250 x 190	–	27.4
AJH-1260	N13200967	60	–	305	500	340 x 190	–	43.7
AJH-6100	N13200970	100	–	152	315	305 x 250	–	49.0

Jacks with lifting claw

Model	Art.-No.	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	N13200953	20	8	152	280	250 x 120	67	14.5
AJH-1220 C	N13200956	20	8	305	452	250 x 120	67	22.2
AJH-630 C	N13200959	30	12	152	284	275 x 140	72	20.3
AJH-1230 C	N13200962	30	12	305	472	275 x 140	72	31.0
AJH-660 C	N13200965	60	24	152	327	340 x 190	72	43.1
AJH-1260 C	N13200968	60	24	305	533	340 x 190	72	64.9

Jacks with safety lock nut

Model	Art.-No.	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	N13200954	20	–	152	291	180 x 120	–	10.9
AJH-1220 SR	N13200957	20	–	305	464	250 x 120	–	16.7
AJH-630 SR	N13200960	30	–	152	294	200 x 140	–	15.4
AJH-1230 SR	N13200963	30	–	305	480	275 x 140	–	23.4
AJH-660 SR	N13200966	60	–	152	330	250 x 190	–	27.4
AJH-1260 SR	N13200969	60	–	305	536	340 x 190	–	43.7
AJH-6100 SR	N13200971	100	–	152	366	305 x 250	–	53.0