

RATCHET JACKS



Model 85A is used to lift a CNC machine for installation. 5 ton lifting capacity, low toe height and light weight make the models 84A, 85A & 86A universal tools. 10 ton models 1017 & A1022 are used extensively by structural movers, riggers and maintenance crews.

BENEFITS / FEATURES

In this type of jack the familiar lever and fulcrum principle is used to lift and lower the load. The downward stroke of the lever raised the rack one notch. A pawl then slips into place to hold the load while the lever is raised to take another "bite". This is a very simple but safe and reliable construction for moving, lifting and bracing loads of all kinds.

Ratchet jacks are widely used in **oil fields, shipyards, mining operations, construction, railroads, and heavy-duty industrial maintenance.**

These are the most versatile, general purpose jacks available. Rugged construction permits safe, efficient jacking. Steel lever bars are sold separately.

- **9 Models**
- **Double-lever sockets for jacking in close quarters**
- **Multiple-tooth pawls for strength & safety.**
- **Drop-forged, alloy steel, heat-treated components.**
- **Adjustable spring links.**
- **Plated springs to resist corrosion.**
- **Precision machining throughout.**
- **Large base ensures a firm foundation.**
- **Supports full rated capacity on the toe or the cap.**
- **Advantages are fast operation and low maintenance**
- **Rack bars can be pulled up by hand to meet the load thus saving time**
- **When the rack is not under load the head can be dropped or tripped instantly**

MECHANICAL JACKS



516-MT

Without doubt the most popular 5-ton lifting jack in the world. Recognised for its lightness in weight combined with maximum strength and efficiency. A trouble-free product, which can be relied upon for years of continuous and exacting service.



5 Ton Ratchet Jacks

These units are all mechanically identical and vary only in stroke and height.



10 Ton Ratchet jacks

The 1017 and 22B incorporate a ductile iron housing for maximum durability. The A1022, which is identical to the 22B except for an aluminium housing, is the ideal choice when portability is important

RATCHET JACKS

Jack Model Number	Supporting Capacity	Lifting Capacity	Stroke		Handle Effort Per Ton		Cap Min. Height		Toe Min Height		Base Size		Weight			
	(tons)	(tons)	(mm)	(in)	(kg)	(lb)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(kg)	(lb)		
516-MT	5	5	190	7½	16	36	356	14	38	1½	133 x 178	5¼ x 7	7	15.5		
84A	5	5	178	7	14.5	32	356	14	45	1¾	127 x 187	5 x 7¾	13	28		
85A			254	10			432	17					14	30		
86A			330	13			508	20					16	35		
1017	10	10	241	9½	10	22	438	17¼	51	2	152 x 222	6 x 8¾	18	40		
A1022			305	12			549	21¾					57	2¼	19	42
22B			305	12			549	21¾					57	2¼	32	70
24A	20	15	330	13	9.1	20	591	23¼	57	2¼	203 x 260	8 x 10¼	42	93		
2029			457	18			718	28¼			203 x 280	8 x 11	47	104		

Steel Lever Bars							
Model Number	Jack Model Number	Length		Diameter		Weight	
		(mm)	(in)	(mm)	(in)	(kg)	(lb)
BX2891	516-MT	762	30	25	1	2.9	8
10640	84A	914	36	25	1	3.6	8
	85A						
	86A						
10665	1017	1524	60	32	1¼	7.7	17
	A1022						
	22B						
10675	A1538	1829	72	32	1¼	9.1	20
	24A						
	2029						

Pivot Bases are included on model A5538
Optional for the A1538 are I-Beam Base (#10800) and Chain (#10760)

Note: 10665 & 10675 lever bars are interchangeable. The longer 10675 bar results in lower handle efforts.

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