

MECHANICAL JACKS

RJ Series - Ratchet Jacks

SIMPLEX



Models: RJ84A, RJ85A, RJ1017 & RJ86A

Capacity Range ▶ **5 - 20 Tons**
Stroke Range ▶ **7 - 21.25 In.**
Maximum Toe Height Range ▶ **1.62 - 2.25 In.**

- ▶ Multiple-tooth pawls for strength & safety.
- ▶ Large base ensures a firm foundation.
- ▶ Drop-forged, alloy steel, heat-treated components.
- ▶ Plated springs to resist corrosion.
- ▶ Double-lever sockets for jacking in close quarters.
- ▶ The RJA1538 pole jack is designed for pole pulling applications. Chain and I-Beam are ordered separately.



THINK SAFETY

Please refer to pages 4&5 for a complete list of safety tips and recommendations.



CE COMPLIANT

Our Jack design specifications meet or exceed ANSI /ASME B30.1 Safety Standards.



CARRYING HANDLE

Carrying handles make the positioning and transporting of the 10, 15 and 20 ton ratchet jacks simple.



RJA1022



RJ22B



RJ24A



RJ2029



RJA1538
Pole Jack

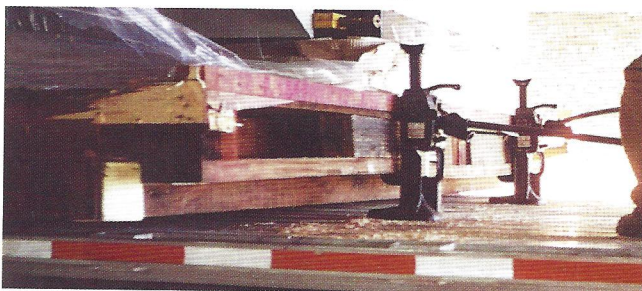


IB1538
I-Beam Base



CHA1538
Alloy Chain

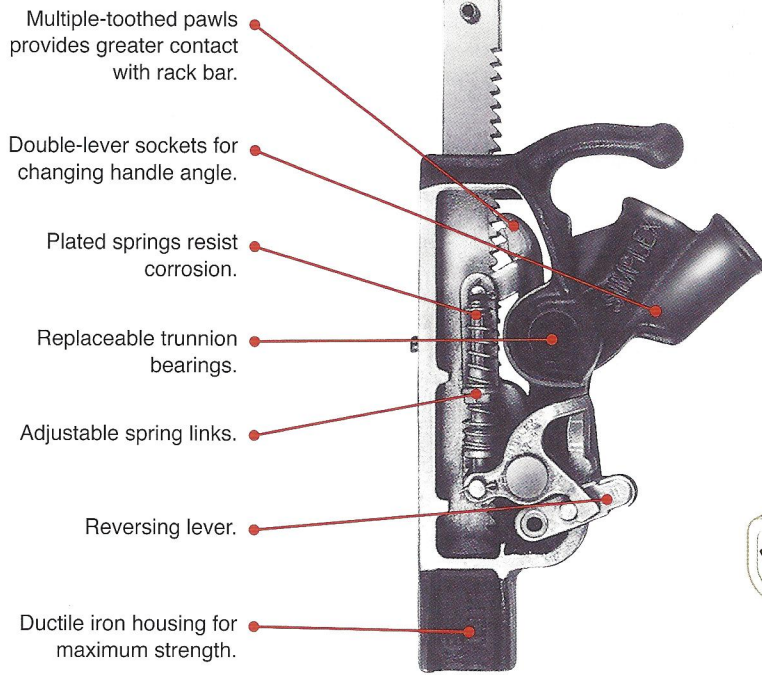
Its large lifting and holding capacity and heavy-duty housing, makes the RJ Series Jacks universal tools on any jobsite. ▼



Model	Jack Housing Material	Support Capacity (tons)	Lifting Capacity (tons)	Handle Effort per Ton (lbs)
RJ84A	Steel	5	5	32
RJ85A				32
RJ86A				32
RJ1017		10	10	30
RJ22B				30
RJ24A				32
RJ2029		20	15	32
RJA1022				30
RJA1538		Aluminum	15	8

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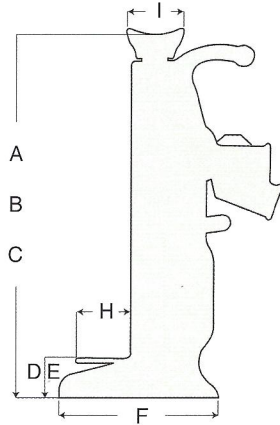
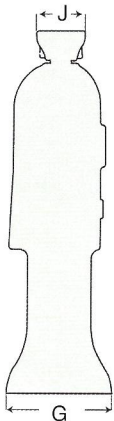
- Multiple-toothed pawls provides greater contact with rack bar.
- Double-lever sockets for changing handle angle.
- Plated springs resist corrosion.
- Replaceable trunnion bearings.
- Adjustable spring links.
- Reversing lever.
- Ductile iron housing for maximum strength.



RECOMMENDED LEVER BARS

Please refer to page 145 for additional details.

Ratchet Jack Model	Lever Bar Model
<i>RJ84A</i>	SLB36
<i>RJ85A</i>	SLB36
<i>RJ86A</i>	SLB36
<i>RJ1017</i>	SLB60
<i>RJ22B</i>	SLB60
<i>RJ24A</i>	SLB70
<i>RJ2029</i>	SLB70
<i>RJA1022</i>	SLB60
<i>RJA1538</i>	SLB70



mechanical

Dimensions (in)										Weight (lbs)	Model
A	B	C	D	E	F	G	H	I	J		
Minimum Height	Maximum Height	Stroke	Toe Minimum Height	Toe Maximum Height	Base Length	Base Width	Toe Length	Cap Length	Cap Width		
14	21	7	1.75	8.75	7.38	5	2.5	2.62	2.31	28	<i>RJ84A</i>
17	27	10	1.75	11.75	7.38	5	2.5	2.62	2.31	30	<i>RJ85A</i>
20	33	13	1.75	14.75	7.38	5	2.5	2.62	2.31	35	<i>RJ86A</i>
17.25	26.75	9.5	1.62	11.13	8.75	6	2.4	2.87	2.62	40	<i>RJ1017</i>
21.62	33.62	12	2	14	10.25	6.5	2.4	3	2.5	70	<i>RJ22B</i>
23.25	36	12.75	2.25	15	10.25	8	2.62	3.5	2.87	93	<i>RJ24A</i>
28	46	18	2.25	20.25	11	8	2.62	3.5	2.87	104	<i>RJ2029</i>
21.62	33.62	12	2	14	10.25	6.5	2.4	3	2.5	42	<i>RJA1022</i>
37.62	59.13	21.25	---	---	8.13	8.25	---	---	---	62	<i>RJA1538</i>