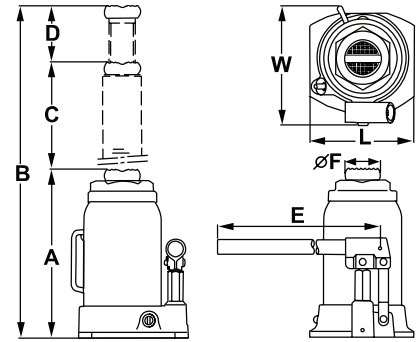




# Manual Bottle Jacks

12-50 Ton

- With easy adjustable extension screw [2-20 Tons].
- With rubber removable carry ring for easy storage of pump handle [2-20 Tons].
- Safety valve against over-loading.
- Bottle Jacks 8 Ton and more are supplied with a carry grip.



Model Number	Capacity	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (mm)	W (mm)	Weight (kg)
1412000	12 Tons 107 kN	241	469	150	78	452	42	138	106	7.4
1420000	20 Tons 178 kN	249	475	150	76	452	76	160	150	12.9
1430000	30 Tons 267 kN	268	480	155	57	695	67	190	152	21.4
10500	50 Tons 445 kN	305	483	178	-	593	79	275	198	50.4
10990	100 Tons 890 kN	305	461	156	-	600	113	305	238	90.6

## Mini Jacks

Compact

- Low profile mini jack
- Compact and lightweight
- Convenient for storage



J11050

These mini jacks are lightweight and will fit in the palm of your hand.



J11100

Interchangeable saddle on model J11050 and J11055



J11050

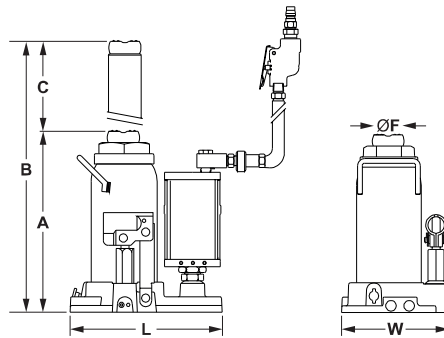
Capacity	Model Number	Minimum Height (mm)	Maximum Height (mm)	Hydraulic Lifting (mm)	Base Size (L x W) (mm)	Weight (kg)
5 Tons 44 kN	J11050	71	79	20	104.14 x 101.6	2.1
5 Tons 44 kN	J11055	97	124	38	104.14 x 101.6	2.4
10 Tons 89 kN	J11100	122	160	41	124.46 x 111.76	5.7
20 Tons 178 kN	J11200	130	173	41	137.16 x 121.92	7.6

# Air/Manual Bottle Jacks

12-100 Ton



- Air operation reduces operator fatigue and increases speed
- A compact/powerful air turbo motor (U.S. Patent No. 5,341,723) will raise the load to the desired height efficiently, effortlessly and safely
- Hydraulic system is protected from internal damage by a patented by-pass mechanism (U.S. Patent No.5,946,912)
- Versatile "Quick Connector" design provides easy removal of the air hose from the air motor, allowing compact storage or remote operation



Model Number	Capacity	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	L (mm)	W (mm)	Weight (kg)
18202C	20 Tons 178kN	247	477	130	100	600	48	216	184	17
18206C	20 Tons 178 kN	240	465	145	80	600	52	225	170	17.5
17302C	30 Tons 267 kN	280	458	180	-	965	62	260	210	27.5

# Toe Jacks

Low Height

- Heat treated and chrome plated medium-carbon steel cylinder.
- Chrome plated plunger improves longer seal life and optimum performance.
- U.S.Patented by-pass device protects hydraulic system from over travel damage.
- Hydraulic system is protected from internal damage by a patented by-pass mechanism (U.S. Patent No.5946912).



Capacity	Model Number	Toe Saddle		Head Saddle		Hydraulic Lifting (mm)	Base Size (L x W) (mm)	Weight (kg)
		Min. Height (mm)	Max. Height (mm)	Min. Height (mm)	Max. Height (mm)			
3 Ton / 27 kN	J13060	15	147	229	358	130	152 x 112	16.4
6 Ton / 53 kN	J13120	23	152	267	396	130	279x 191	24.9
10 Ton / 89 kN	J13200	28	160	279	409	130	295 x 229	38.1
15 Ton / 133 kN	J13300	28	168	333	472	130	318 x 274	52.9

Bottle Jacks