



## Manual Bottle Jacks

### 12-50 Ton

- Hydraulic system is protected from internal damage by a patented by-pass mechanism (U.S. Patent No.5,946,912)
- Machined and polished cylinders with die-cut threads provide non-abrasive leak-free performance
- Fabricated from hard-cast steel with heat-treated critical stress areas
- Unique cross-type forged release valve assures positive load control
- A wide, rugged base provides stability and strength

| Capacity (ton) | Model Number | Min. Height (in) | Max. Height (in) | Hydraulic Lifting (in) | Extension Screw (in) | Base Size (in) |       | Weight (lbs) |
|----------------|--------------|------------------|------------------|------------------------|----------------------|----------------|-------|--------------|
|                |              |                  |                  |                        |                      | Length         | Width |              |
| 12             | J10125       | 9.5              | 18.6             | 6.0                    | 3.1                  | 5.3            | 5.1   | 17.5         |
| 12             | J10129       | 6.0              | 10.6             | 3.0                    | 1.6                  | 5.3            | 5.1   | 14.9         |
| 20             | J10205       | 9.5              | 18.6             | 6.0                    | 3.1                  | 6.3            | 5.9   | 27.5         |
| 20             | J10209       | 6.5              | 11.3             | 3.1                    | 1.6                  | 6.3            | 5.9   | 21.8         |
| 30             | J10300       | 11.0             | 18.0             | 7.0                    | -                    | 8.1            | 6.9   | 53.5         |
| 50             | J10500       | 9.5              | 13.9             | 4.4                    | -                    | 10.9           | 7.4   | 103.5        |



## 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) is equipped to 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



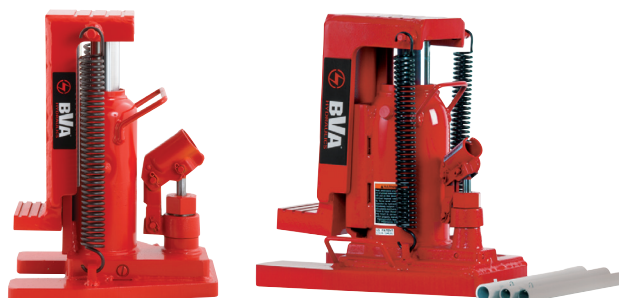
| Capacity (ton) | Model Number | Min. Height (in) | Max. Height (in) | Hydraulic Lifting (in) | Extension Screw (in) | Base Size Length (in) | Base Size Width (in) | Input Air Pressure Range (psi) | Weight (lbs) |
|----------------|--------------|------------------|------------------|------------------------|----------------------|-----------------------|----------------------|--------------------------------|--------------|
| 12             | J18124       | 9.5              | 18.5             | 5.5                    | 3.5                  | 7.6                   | 6.5                  | 110-175                        | 28.6         |
| 20             | J18204       | 9.8              | 18.8             | 5.1                    | 3.9                  | 8.3                   | 7.3                  | 110-175                        | 37.4         |
| 30             | J18302       | 11.0             | 18.0             | 7.0                    | -                    | 10.3                  | 8.3                  | 110-175                        | 60.5         |
| 50             | J18502       | 12.0             | 19.0             | 7.0                    | -                    | 10.9                  | 7.4                  | 110-175                        | 128.5        |
| 100            | J18992*      | 12.0             | 18.1             | 6.1                    | -                    | 12.6                  | 9.4                  | 110-175                        | 205.9        |

\*Air Operated Only

## Toe Jacks

### Low Height

- Heat treated and chrome plated medium-carbon steel cylinder
- Chrome plated rod promotes 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.5,946,912)



| Capacity (tons) | Model Number | Toe Saddle       |                  | Head Saddle      |                  | Hydraulic Lifting (in) | Base Size (L x W) (in) | Weight (lbs) |
|-----------------|--------------|------------------|------------------|------------------|------------------|------------------------|------------------------|--------------|
|                 |              | Min. Height (in) | Max. Height (in) | Min. Height (in) | Max. Height (in) |                        |                        |              |
| 3               | J13060       | 0.6              | 5.8              | 9.0              | 14.1             | 5.1                    | 6.0 x 4.4              | 36.1         |
| 6               | J13120       | 0.9              | 6.0              | 10.5             | 15.6             | 5.1                    | 11.0 x 7.5             | 55.0         |
| 10              | J13200       | 1.1              | 6.3              | 11.0             | 16.1             | 5.1                    | 11.6 x 9.0             | 84.0         |
| 15              | J13300       | 1.1              | 6.6              | 13.1             | 18.6             | 5.5                    | 12.5 x 10.8            | 116.6        |

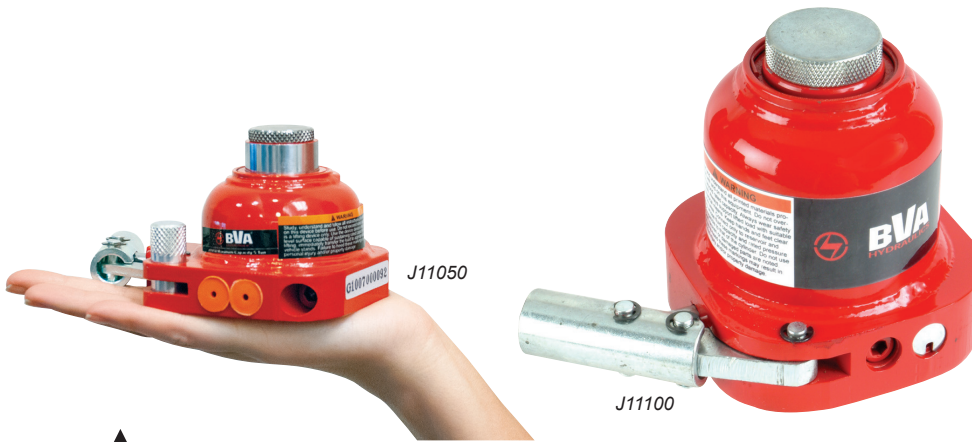
1-888-332-6419

[www.BVAhydraulics.com](http://www.BVAhydraulics.com)

## Mini Jacks

### Compact

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



These mini jacks are lightweight and will fit in the palm of your hand. We see here a J11050 Mini Jack.

| Capacity (tons) | Model Number | Minimum Height (in) | Maximum Height (in) | Hydraulic Lifting (in) | Base Size (L x W) (in) | Weight (lbs) |
|-----------------|--------------|---------------------|---------------------|------------------------|------------------------|--------------|
| 5               | J11050       | 2.8                 | 3.1                 | 0.8                    | 4.1 x 4.0              | 4.6          |
| 5               | J11055       | 3.8                 | 4.9                 | 1.5                    | 4.1 x 4.0              | 5.3          |
| 10              | J11100       | 4.8                 | 6.3                 | 1.6                    | 4.9 x 4.4              | 12.5         |
| 20              | J11200       | 5.1                 | 6.8                 | 1.6                    | 5.4 x 4.8              | 16.7         |



## OMNI Jacks

### Multi-Position Jack

- A wide, rugged base provides stability and strength while operating in a vertical or horizontal position
- Hydraulic lift is protected from internal damage by a by-pass mechanism U.S. Patent No. 5,946,912
- Machined and polished cylinders with die-cut threads provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel with heat-treated critical stress areas

| Capacity (tons) | Model Number | Minimum Height (in) | Maximum Height (in) | Hydraulic Lifting (in) | Extension Screw (in) | Base Size (L x W) (in) | Weight (lbs) |
|-----------------|--------------|---------------------|---------------------|------------------------|----------------------|------------------------|--------------|
| 12              | J16123       | 9.5                 | 18.6                | 6.0                    | 3.1                  | 5.3 x 5.1              | 18.0         |
| 20              | J16203       | 9.5                 | 18.6                | 6.0                    | 3.1                  | 6.3 x 5.9              | 28.0         |



## Orbital Jacks

### Rotating Handle

- Serrated, heat-treated saddle provides generous lifting area and secure grip
- Heat-treated extension screw allows low pick-up height adjustment and maximum lift height
- U.S. Patented built-in by-pass device protects hydraulic system from over-pumping damage



| Capacity | Model Number | Min Height (in) | Max Height (in) | Hydraulic Lifting (in) | Extension Screw (in) | Base Size (in) | Weight (lbs) |
|----------|--------------|-----------------|-----------------|------------------------|----------------------|----------------|--------------|
| 12       | J10124       | 9.5             | 18.6            | 6.0                    | 3.1                  | 7.5 x 4.6      | 19.6         |
|          | J10126       | 6.1             | 10.6            | 3.0                    | 1.5                  | 7.5 x 4.6      | 16.5         |
| 20       | J10204       | 9.6             | 18.8            | 5.1                    | 4.0                  | 7.5 x 5.4      | 29.3         |
|          | J10206       | 6.5             | 11.3            | 2.8                    | 2.0                  | 7.5 x 5.4      | 22.2         |