

THE **DBJ-SERIES** BOTTLE JACKS ARE A PREMIUM RANGE IDEALLY SUITED TO MOST INDUSTRIAL LIFTING AND PUSHING APPLICATIONS.

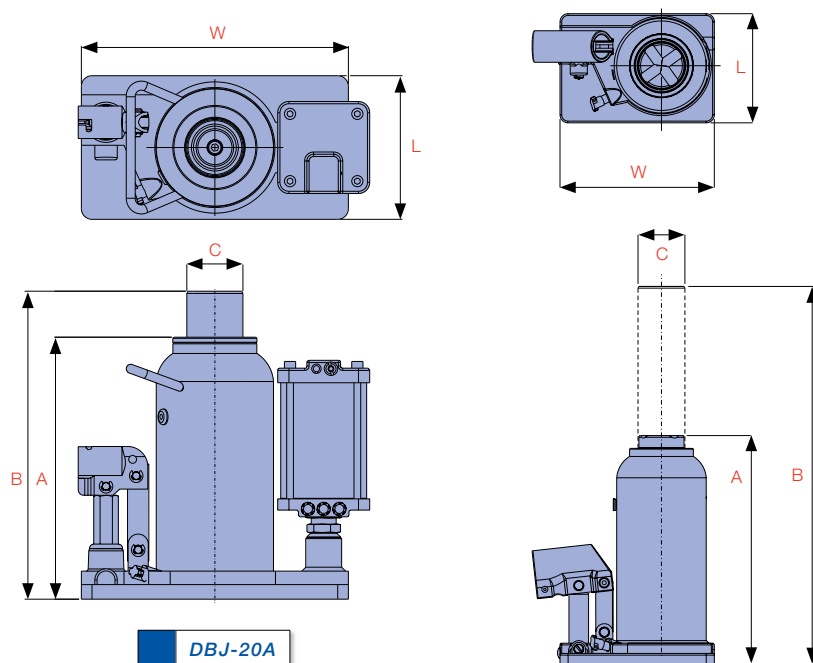
Models from 10-20 ton feature an additional screw extension and most can be used in both the vertical and horizontal positions. Spare parts and seal kits are available for all jacks.



DBJ-20A MODEL

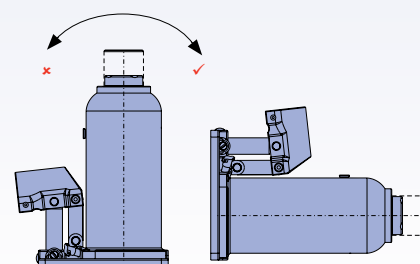
also includes a fast motion air pump for greater actuation and comes complete with a 3 piece saddle set (16, 45, 80 mm saddle heights)

| Model Number | Operation | Capacity (ton) | Stroke (mm) | A Collapsed Height (mm) | B Extended Height (mm) |
|--------------|------------|----------------|-------------|-------------------------|------------------------|
| DBJ-10 | Manual | 10 | 147 | 240 | 387 |
| DBJ-10S | Manual | | 95 | 170 | 265 |
| DBJ-20 | Manual | 20 | 152 | 265 | 417 |
| DBJ-20S | Manual | | 85 | 187 | 272 |
| DBJ-20A | Air/Manual | | 150 | 235 | 385 |
| DBJ-30 | Manual | 30 | 155 | 282 | 437 |
| DBJ-30S | Manual | | 80 | 182 | 262 |
| DBJ-50 | Manual | 50 | 155 | 305 | 460 |



HORIZONTAL OPERATION

10 and 20 ton models except DBJ-20A can be operated horizontally. Hydraulic stroke will be reduced to approximately 2/3.



| C Piston Rod Diameter (mm) | Base Dimensions L x W (mm) | Screw Extension & Saddle Set Auxiliary Height (mm) | Air Pressure Range (kgf/cm ²) | Weight (kg) | Model Number |
|----------------------------------|-------------------------------|--|--|----------------|--------------|
| 42 | 105 x 166 | 85 | - | 8.2 | DBJ-10 |
| 42 | 105 x 166 | 55 | - | 6.4 | DBJ-10S |
| 55 | 128 x 181 | 85 | - | 13.3 | DBJ-20 |
| 55 | 128 x 181 | 55 | - | 10.0 | DBJ-20S |
| 50 | 128 x 238 | 16, 45, 80 | 8-12 | 14.5 | DBJ-20A |
| 62 | 142 x 197 | - | - | 19.6 | DBJ-30 |
| 62 | 142 x 197 | - | - | 13.8 | DBJ-30S |
| 85 | 200 x 260 | - | - | 42.3 | DBJ-50 |



CAPACITY

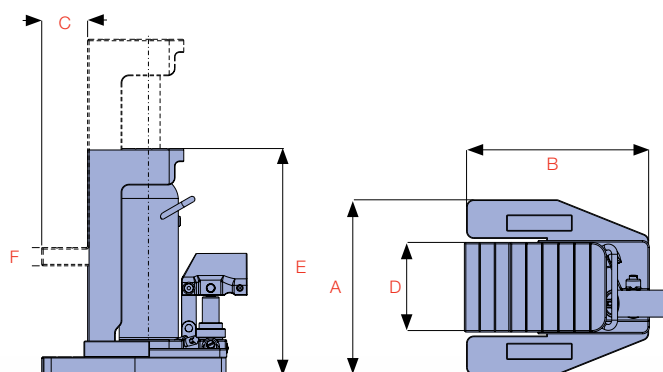
2.5 - 25 ton

STROKE

110 - 150 mm

THE **DTJ-SERIES** TOE JACKS ARE A PREMIUM RANGE IDEALLY SUITED TO LIFTING HEAVY MACHINERY OR EQUIPMENT WHEN ACCESS HEIGHT IS RESTRICTED.

Toe lift capacities range from 2.5-25 ton and all models feature a keyed toe with spring return piston.



CHROME PLATED

steel piston rod resists corrosion and extends life

DOVETAIL DESIGN

for perfect alignment of toe during lift (25 ton jack does not have dove tail design)

EASE OF USE

all jacks have been designed for ease of use and handling

CARBON STEEL BASE

is welded to ensure increased resistance to high pressure and provide greater durability

OPERATING HANDLE

included with all models

360° ROTATING

pump handle on models 2.5-15 ton

INTERNAL STROKE LIMITER

prevents piston rod over-extension

LIFTING TOE

manufactured from high strength alloy steel

| Model No. | Jack Capacity ton* / kN | A Jack Width (mm) | B Jack Depth (mm) | C Toe Length (mm) | D Toe Width (mm) | E Collapsed Height (mm) | F Min. Toe Height (mm) | Stroke (mm) | Weight (kg) |
|-----------|-------------------------|-------------------|-------------------|-------------------|------------------|-------------------------|------------------------|-------------|-------------|
| DTJ-2.5 | 2.5 | 24.5 | 126 | 233 | 60 | 50 | 232 | 19 | 11.6 |
| DTJ-5 | 5 | 49.0 | 182 | 259 | 60 | 75 | 282 | 22 | 22.0 |
| DTJ-10 | 10 | 98.0 | 215 | 275 | 63 | 85 | 320 | 28 | 32.0 |
| DTJ-15 | 15 | 147.0 | 238 | 297 | 60 | 85 | 328 | 30 | 42.0 |
| DTJ-25 | 25 | 245.1 | 320 | 368 | 60 | 125 | 364 | 34 | 100.0 |

* Nominal Jack Capacity in ton - see kN values for actual capacity

THE DRJ-10 RAIL JACK IS IDEALLY SUITED TO ALIGNING, GAUGING AND LIFTING OF RAIL OR SLEEPERS.

Utilising a forged aluminium upright base, this 10 ton* capacity jack has been designed to be robust, lightweight and reduce the risk of operator injury. It has a spring return mechanism that will allow a jack with no load to be returned to the retracted position. The jack is fitted with an internal safety pressure relief valve to protect against overloading. The bladder system inside the aluminium protected reservoir allows the jack to be used in both the horizontal and vertical positions making it exceptionally versatile.



REMOVABLE EXTENSION HANDLE

80 cm

HANDLE EFFORT

maximum 36 kg with extension handle

RELEASE VALVE

allows for controlled lowering and is recessed for protection against accidental knocks

INTERNAL OIL RESERVOIR BLADDER

allows operation in horizontal or vertical position

OIL RESERVOIR COVER

manufactured from aluminium (6061)

LARGE ALUMINIUM BASE

one piece forged aluminium (7075T) provides great support in soft ballast

CARRYING HANDLE

fixed in-line padded handle

CHROME PLATED

steel piston rod resists corrosion and extends life

INTERNAL SPRING RETURN

allows an unloaded jack to return to the retracted position

INDEXED TOE

minimises swivel and allows for a safe, stable platform

LOAD CAPACITY

10 ton* of lifting force

MINIMUM BASE HEIGHT

50 mm for easy positioning under the base of the rail

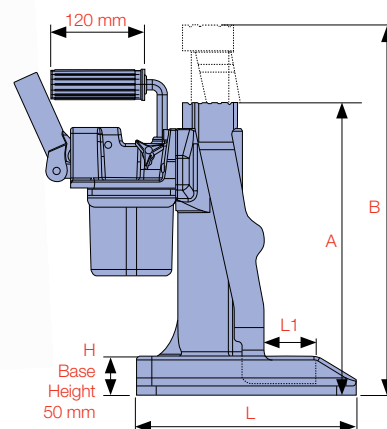
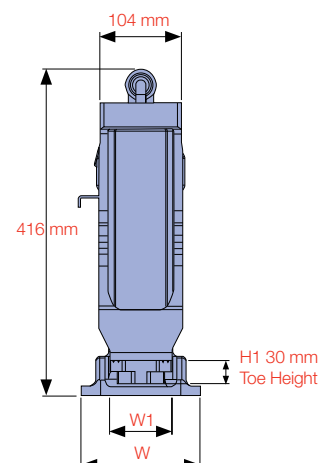


CAPACITY

10 ton*/83.3 kN

STROKE

225 mm



| Model No. | Jack Capacity ton* / kN | | A Collapsed Height (mm) | Stroke (mm) | B Extended Height (mm) | Travel/Pump Stroke (mm) | Max. Handle Effort (kg) | L x W x H Base Dimensions (mm) | L1 x W1 x H1 Toe Dimensions (mm) | Weight without Handle (kg) |
|-----------|----------------------------|------|----------------------------------|----------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------------|---|----------------------------------|
| DRJ-10 | 10 | 83.3 | 373 | 225 | 598 | 4.5 | 36 | 280 x 152 x 50 | 66 x 79 x 30 | 20.2 |

* Nominal Jack Capacity in ton - see kN values for actual capacity