

Track Jacks

Track Tools

Adding Value

Combining the very best technology with railway expertise, our unique range of track jacks are specifically designed for railway maintenance.



Pandrol's range of Track Jacks – Hydraulic, Mechanical and Obstructionless – have been designed for ease of use, maximum operator safety and high performance in all working conditions.

The Hydraulic Track Jack is equipped with a lowering valve and a load limiter. It has a high power/size ratio.

The Mechanical Track Jack has a simple mechanism that lifts the rail by turning the crank handle. A mechanical locking system integrated to the crank handle makes it extremely safe to use.

The Obstructionless Track Jack has been designed specifically for railway levelling and tamping work. It is equipped with a quick-release spring for maximum safety.

The design of these jacks has drawn on technologies that have long been proven in the lifting of rail as well as detailed feedback of customer's needs.

→ TECHNICAL FEATURES

Materials

Pandrol's Track Jacks have all been made with high-quality materials to guarantee durability and high performance.

Supporting structure

The Track Jacks are equipped with a structure that holds the weight of the rail on the foot and the head of the jack.

Designed for safety

All three designs have been designed for maximum safety. The Hydraulic Jack is equipped with a lowering valve and a load limiter. The Mechanical Jack has a mechanical locking system and a special series version is available with a support shoe to reduce the potential of slipping. The Obstructionless Jack has a quick-release spring that allows quick disengagement in case of emergency.

Ergonomic design

Research into how the jacks are used in the railway setting has driven their design. As a result, they are exceptionally easy to use and fit for purpose. The carrying structure of the Hydraulic Jack can be rotated through 360° and has been designed to support the load on both the foot and the head of the jack. An ergonomic handle located at the centre of the structure increases portability.

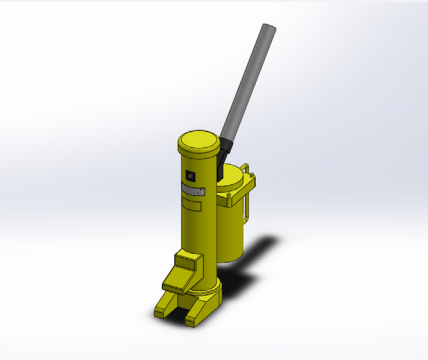
Portability

The Track Jacks are compact in design and have been designed for ease of carrying along the track.

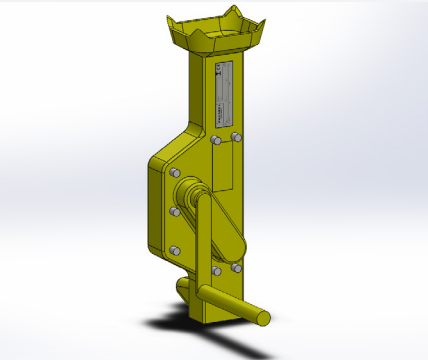
→ ADVANTAGES

- Pandrol Track Jacks are made of high-quality materials and are compact and robust in design. This reduces maintenance costs and saves customers money in the long term.
- The technology used is extremely efficient and reliable, saving time and resources needed for maintenance work.
- The jacks' compact design makes the equipment easy for operators to use and transport.
- The jacks are very stable compared to standard track jacks.
- All three Pandrol Track Jacks have built-in safety features, making them a particularly safe choice for all railway maintenance work.

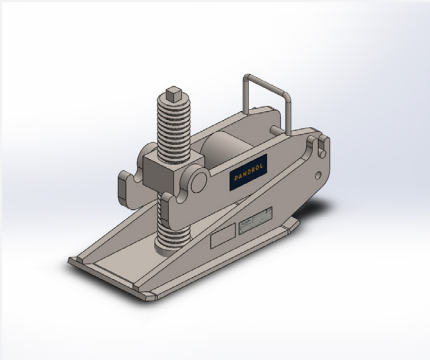
→ VARIATIONS



Hydraulic



Mechanical



Obstructionless

→ SPECIFICATIONS

	Hydraulic			Mechanical		Obstructionless	
Capacity	5,000 dAN	10,000 dAN	25,000 dAN	3,000 dAN	5,000 dAN	10,000 dAN	10,000 dAN
Stroke	From foot : 25-230 mm From head : 368-573 mm	From foot : 30-260 mm From head : 420-650 mm	From foot : 58-273 mm From head : 505-720 mm	300 mm	345 mm	390 mm	180 mm
Base dimensions Options	140 x 215 mm	170 x 205 mm	210 x 420 mm	130 x 140 mm 200 x 250 mm	140 x 170 mm 200 x 250 mm	140 x 170 mm 200 x 250 mm	300 x 200 mm
Height	380 mm	420 mm	505 mm	735 mm	735 mm	800 mm	500 mm
Weight	25 kg (55 lbs)	35 kg (77 lbs)	109 kg (240 lbs)	20 kg (44 lbs)	27 kg (59,5 lbs)	47 kg (103 lbs)	19 kg (42 lbs)

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