

# 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.

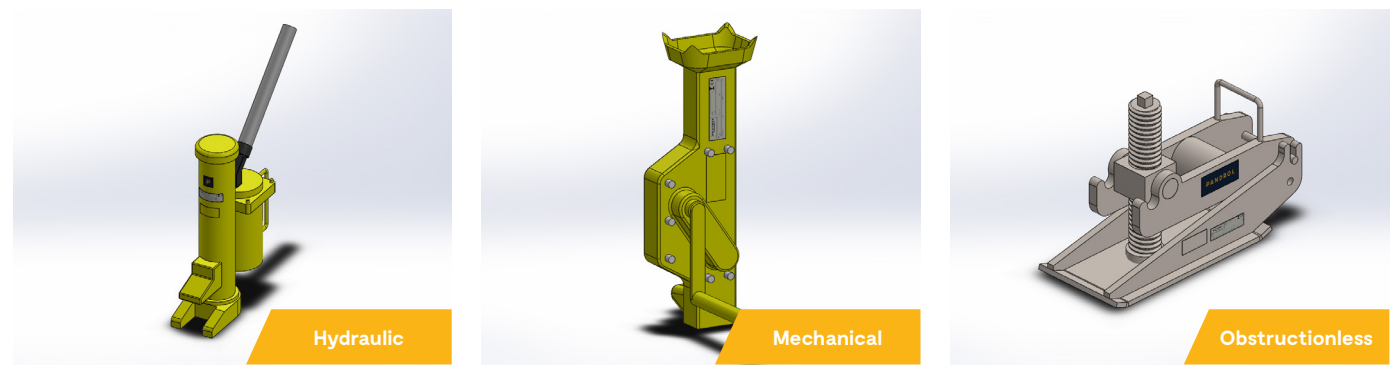
The carrying structure of the Hydraulic Jack can be rotated through 360° and has been designed to support the load on both the foot and the head of the jack. An ergonomic handle located at the centre of the structure increases portability.

### 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.



→ SPECIFICATIONS /

	Hydraulic			Mechanical			Obstructionless
Capacity (daN)	5,000	10,000	25,000	3,000	5,000	10,000	10,000
Stroke (mm)	From foot: 25–230  From head: 368–573	From foot: 30–260  From head: 420–650	From foot: 58–273  From head: 505–720	300	345	390	180
Base dimensions (mm) <i>Options (mm)</i>	140 x 215	170 x 205	210 x 420	130 x 140 <i>200 x 250</i>	140 x 170 <i>200 x 250</i>	140 x 170 <i>200 x 250</i>	300 x 200
Height (mm)	380	420	505	735	735	800	500
Weight (kg/lbs)	25/55	35/77	109/240	20/44	27/59.5	47/103	19/42

