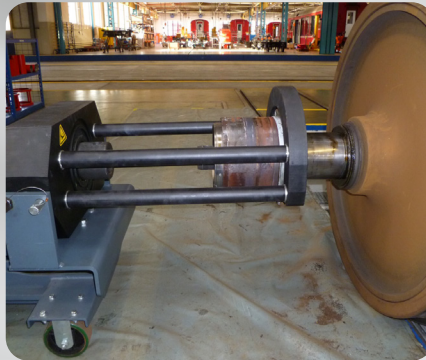
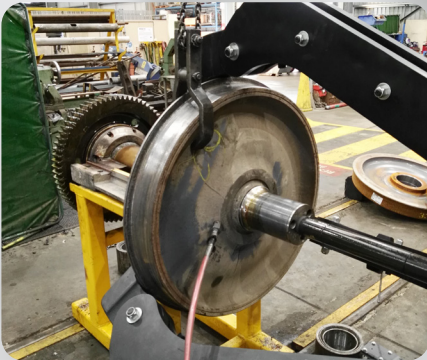




ROLLING STOCK

Maintenance equipment



BETEX MF Quick-Heaters

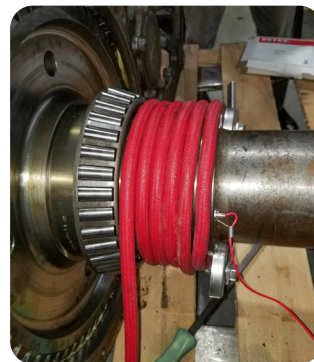
Traditional methods can be laborious and dirty when using blow torches or grinders to remove stuck wheel bearings, inner rings, labyrinth rings. Middle frequency Induction technology by BETEX® offers secure, fast and damage-free solutions for both assembly and disassembly work.

Multipurpose applications

- Dismounting shrink connections within seconds: labyrinth rings, bearings and inner rings
- Mounting and dismounting of train wheels, wheel rims and mono block wheels
- Pre-heating train axles

Advantages

- Fast and energy efficient
- Damage free, reuse of parts is possible
- Environmentally friendly, no open flames, no noise



BETEX BPP(S) Mobile Hydraulic Puller-Installer

Installation and removal of railway bearings (TBU, SP and TAROL bearing sets). This hydraulic aid will allow you to work safe & efficient and to save valuable time.

- Mobile and easy to use by one person
- For tapered roller bearings
- Pulling capacity (dismantling) adjustable to 100t max.
- Pushing capacity (mounting) adjustable to 68t max.
- For safe, simple and fast mounting and dismantling of tapered roller bearing sets
- Available in 2 models: BPP and extra compact BPPS side-shift model
- Accessory sets in various sizes, metric and inch



BETEX HXPM Mobile Hydraulic Pullers

These pullers are popular in workshops. Used in combination with a high pressure pump, removing train wheels becomes easy. Thanks to the oil film that is created between the bore and the axle less pulling force is needed. The risk of damage to shaft or bore is minimum. The pullers work with a 2-stage electro-hydraulic pump, 400V, 700 bar.

- For train wheels and transmission parts
- Self-centering
- The harder the force, the tighter the grip
- Integral safety release valve prevents overloading and ensures that you will never exceed the maximum power capacity
- Easy to manoeuvre, adjustable in height
- Max. spread: 1250 / 1500 / 1650 mm
- Max. shaft length: 780 / 1220 / 1175 mm


50
tons

100
tons

150
tons

Use in combination with
Betex UHAP Ultra High Pressure air pump, 2800 bar



BETEX Mobipuller

The BETEX mobile hydraulic puller quickly and easily removes machine parts such as bearings, couplings, bushings, gear wheels, etc. The Mobipuller excels in its functional and ergonomic operation. It is stable, mobile and adjustable in height. An operating pressure of up to 25 and 50 tons can be applied, at an opening of 430 mm. To ensure safe and easy operation, the electrical versions are supplied with remote control.

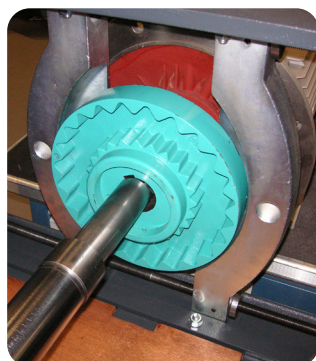
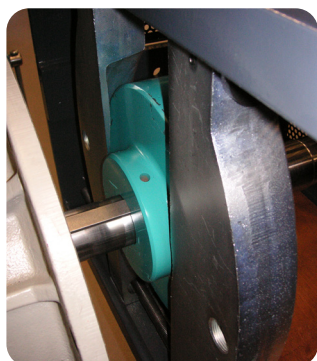
All models are equipped as standard with

- Overload protection & oil-filled pressure gauge
- 4 adapters (extensions): 2 x Ø40 mm and 2 x Ø50 mm
- The press frame can be extended in 2 steps of 190 mm each

Advantages

- Can be used when there is little space behind the workpiece
- One person can do the job
- Extra safe thanks to the safety cage


25
tons

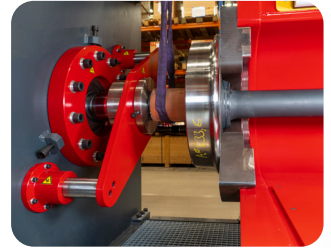
50
tons


Custom solutions for rolling stock maintenance

Hydraulic wheelset presses

For mounting and dismounting; counter pressure testing

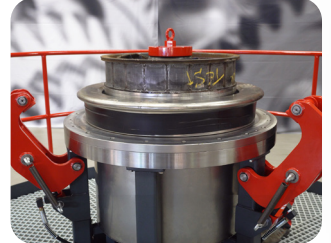
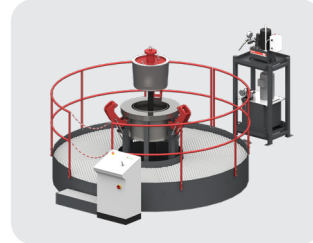
- Wheelsets, axle brake discs, sprocket carriers
- Options: procedure reports, overhead travelling crane
- Capacity, design and functionality made to order



Hydraulic wheel rim press

Assembly of wheel rims

- Used to assemble wheels in wheel rims, with intermediate rubber blocks fitted precisely
- Perfect alignment prevent vibrations in the vehicles



Bogie lifting jack

Lifting jack, designed for bogie repair.

- Adjustable in height and rail track gauge
- Other dimensions, capacities on request



Workshop equipment

Induction heaters for mounting

For heating workpieces up to 1600kg



Hydraulic pullers

Capacities from 4 to 50 ton



Industrial hydraulic equipment

Cylinders, jacks, nut splitters and pumps



Workshop presses

Capacities from 10 to 300 ton

