



ANNO 1978

**MAINTENANCE EQUIPMENT FOR WORKSHOPS  
ROLLING STOCK**

**EFFICIENT MAINTENANCE, SAFE AND EASY TO USE,  
PROCESS OPTIMISATION, THE RIGHT EQUIPMENT FOR THE JOB**

## BETEX MF QUICK-HEATERS 3.0

### Heaters for easy assembly and disassembly

For Safe and controlled heating of your valuable bearings. This multifunctional induction heater is used for both mounting and dismantling. There is no limit to size or shape of components as the heaters work with either fixed or flexible hose-type inductors.

The new generation heaters 3.0 combine the advantages of full control of your heating process with the latest technology such as a large touchscreen, smart electronics, logging of heating cycles, USB connection for software updates and dual temperature sensing ( $\Delta T$ ).

- Compact and easy to move around.
- Clean and operates very quietly
- No residual magnetism, fire hazard, noise or polluting fumes

*Bearings, labyrinth seals, bearing rings (NU NJ), sleeves, wheels, wheel rings etc.*



## BETEX BPP 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

## 50 , 100, 150 ton capacity

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, wheel rims, 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 / 1600 mm
- Max. shaft length: 780 / 1215 / 1150 mm



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



# CUSTOM SOLUTIONS FOR ROLLING STOCK MAINTENANCE

## HYDRAULIC WHEELSET PRESS

For pressing on and off wheel sets

- Automatic recording of the course of the force, stroke and speed
- Press cylinders on opposite sides
- Remote control
- Tonnage, design and functionality made to order

## HYDRAULIC WHEEL RIM PRESS

Assembly of wheel rims for metro and tram.

- Used to assemble wheels in wheel rims with intermediate rubber blocks fitted. Wheel and wheel rim must align perfectly to prevent vibrations in the vehicle.
- Tonnage, design and functionality made to order





### INDUCTION HEATERS

bearings, couplings, wheels, gears, etc...



### HYDRAULIC PULLERS

4-50 ton capacity



### SELF CENTERING



# WORKSHOP EQUIPMENT

### WORKSHOP PRESSES

10-300 ton



### INDUSTRIAL HYDRAULIC EQUIPMENT

cylinders, jacks, nut splitters, 700 bar

