



ZWIEHOFF
Zweiwege-Fahrzeuge

ROTRAC RR

Shunting capacity up to 4000 t



ROTRAC RR

- **Concept for heavy shunting operations**
- **All-welded, robust steel frame construction**
- **High manoeuvrability with steered rear wheels**

Powertrain

- Engine: Deutz
- Fully automatic power shift transmission: Clark-Hurth
- Kessler driving axle

Safety equipment

- Dead man's handle
- Signal light and warning system
- LED work lights
- Emergency stop

Rubber tyres

- Friction coefficient more than twice as high compared to a standard locomotive

Rear wheels steered

- Traction control
- Differential lock

360° - Panorama view

Wagon brake system

- Robust, powerful and durable
- Huge air storage
- Emergency air storage
- Air dryer
- KNORR-Bremse BP-Compact brake control

ROBUST - POWERFUL - ECO-FRIENDLY



Base frame

Frame

- Low centre of gravity
- Buffers and hooks
- Heavy and robust welded construction



Hydraulic

Vehicle handling

- Small space requirement for tracking-on procedure
- High manoeuvrability with rear wheels steered
- High tractive forces due to the high friction coefficient between rubber tyres and steel rails



Rail guidance system

Rail guidance system

- Track gauge: 1076 to 1676 mm
- Safety against derauling due to full floating rail axles
- Automatic pressure adjustment
- Self-regulating system



Automatic coupler

Coupling systems

- Mechanical drawbar
- Automatic coupler
- UIC hook
- SA3 and AAR coupler
- Centre buffer coupler
- Customised coupling system
- Hydraulic height and side adjustment



Control panel

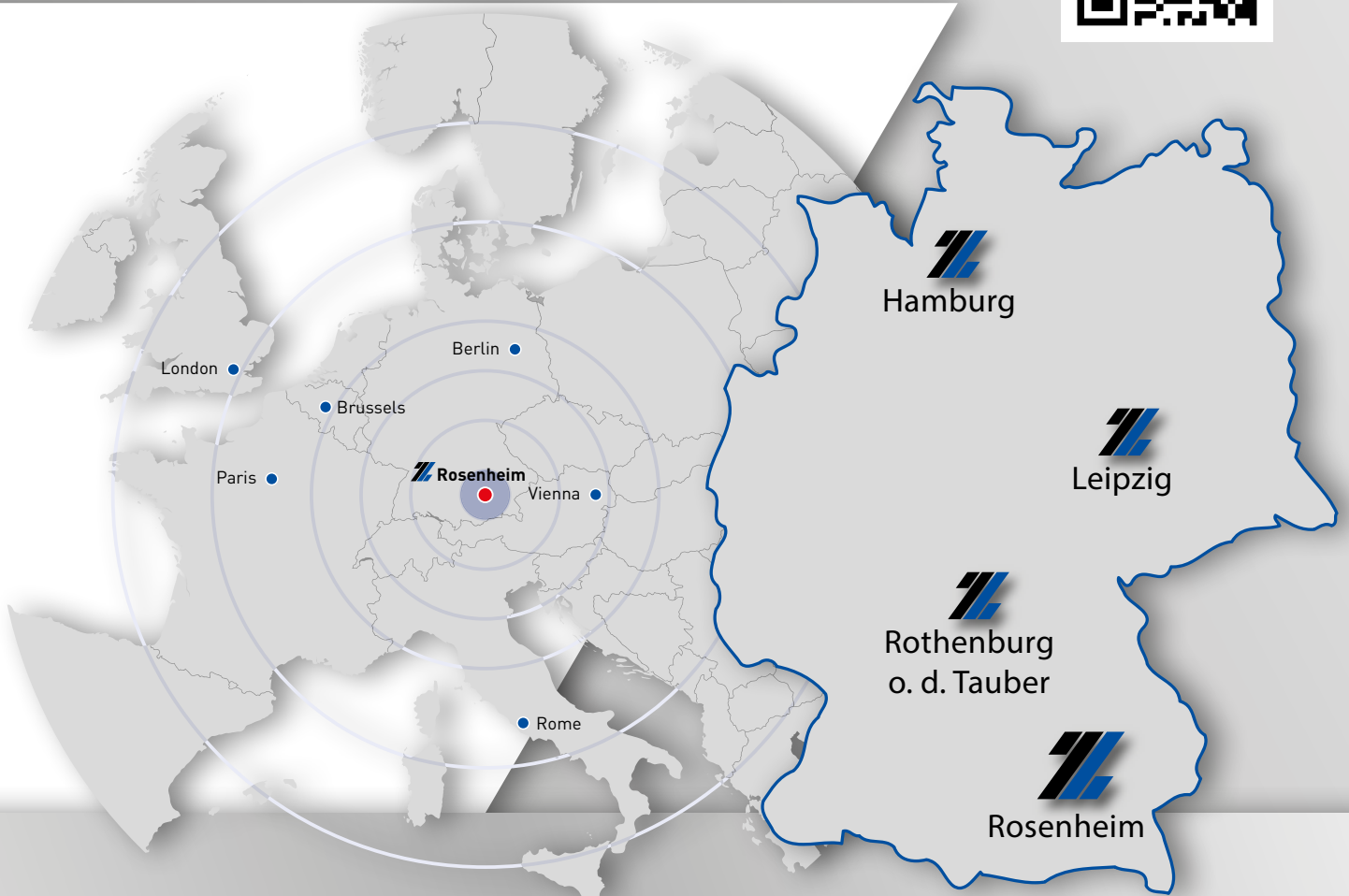
System

- Easy operation due to clearly arranged components
- Identical-parts philosophy
- 12" touch screen

Options

- Rear wheels steered
- Air conditioning
- Radio remote control
- Control console for reverse drive with turning seat
- Automatic central lubrication system
- Sensors for safety against derailment
- Windscreen heating
- Mirror heating
- Auxiliary heating
- Additional air hose
- Sanding system
- Various front-mounted attachments
- Winter package -20 °C / -40 °C
- Additional corrosion protection for extreme operating conditions
- Tyre pressure monitoring
- Rail drying unit
- IoT-Telemetry – external control functionality

WHERE TO FIND US:



FURTHER PRODUCT RANGE:



ROTRAC E2
Shunting capacity up to 250 t



ROTRAC E4
Shunting capacity up to 500 t



UNIMOG
Shunting capacity up to 1000 t

