ES-STEERING WHERE TO FIND US

Electronic rigid axle steering
/L50766
Ideal steering mode for rail operation
/L50766
100 % safety on track
/L50766
Turning radius 0.9 m
/L50766
Simple and sensitive steering

Cornering
Turning on the spot

Green arrows symbolising the wheel speed
Blue arrows symbolising the sense of rotation of the shunter

FURTHER PRODUCT RANGE

ROTRAC RR
Shunting capacity up to 4000 t

UNIMOG
Shunting capacity up to 1000 t

ROTRAC E4
Shunting capacity up to 500 t

ROAD/RAIL ELECTRIC SHUNTER

® www.terme.de

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ROTRAC E2
Shunting capacity up to 250 t
1. **Drive motors**
   - Number: 4
   - Output: max. 4 x 26.5 kW

2. **Lead acid battery 4 PzS (standard)**
   - Voltage: 48 V
   - Capacity: 620 Ah

3. **Rail guidance system**
   - Track gauges: 1000 to 1676 mm

4. **Safety equipment**
   - Flashlight
   - Emergency shut-off
   - Signal horn

5. **Wheels**
   - Solid rubber
   - Size: 500 / 140 – 370

6. **Radio remote control**
   - Abitron NOVA L

7. **Electronic system**
   - All drive and electronic drive components from large-scale series production by Linde MH

8. **Multifunction display**
   - with diagnostics

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**Dimensions (l x w x h):**
- approx. 2300 x 1800 x 1300 mm

**Weight:** approx. 3000 - 4000 kg
ROBUST – POWERFUL – ECO-FRIENDLY

TECHNOLOGY

- Utmost energy efficiency by recovery of energy
- Boost function to ensure a high pull-away performance (106 kW/145 HP)
- High efficiency
- Fully synchronised individual wheel drive
- Continuous speed control
- Robust, readjusting and compensating rail guidance system
- Adaptive vehicle control
- Torque balance between the rail wheels
- Radio remote control as standard
- Compact design with low centre of gravity
- Simple and clear construction
- Traction control for high transfer of traction force and low tire wear

Linde MH drive motor
Rail guidance system

Drawbar
Storage space

Electronic system
Multifunction display

Radio remote control
SERVICE

- On-board diagnostics
- Simple and rapid battery change to ensure a continuous operation
- Maintenance-free AC technology
- Low-wear rail wheels
- Entire vehicle concept extremely low-maintenance
- Few different components only
- Worldwide service network ensured by partners in over 100 countries
- On-board battery charger as an option

SAFETY

- Utmost safety on track by a compensating and readjusting rail guidance system
- Flashlight
- Signal horn
- Automatic temperature and overheat control
- Explosion-proof execution [zone 1 and 2] as an option
- Thermal safety by automatic temperature regulation
- Safety class IP54, IP56 as an option

ENVIRONMENT

- 48 V Technology:
  - High degree of efficiency
  - Few battery cells
  - Small quantity of liquid
  - High safety
- Energy-efficient by recovery of energy
- Zero-emission and low-noise

Flashlight

Working lights
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Shunting capacity up to 4000 t

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