

## SAFE AND POWERFUL LIFTING AND LINING.



ROALIGN 47.230 - 8479900025 - Working mode

**For lifting and lining tracks or entire track panels with radio remote control.**

### THE ADVANTAGES. YOUR BENEFITS.

#### Perfect work quality & efficiency

- High lifting capacity and slewing force
- High lifting height
- Millimetre-precise adjustment of the lifting height through proportional control
- Transfer travel possible at up to 15 km/h. In working mode with radio remote control up to 5 km/h possible.
- Fixture for laser measuring devices (laser measuring device is not included in delivery)
- Great time saving due to checking and possible adjustment of the track position during the tamping process via laser
- High flexibility due to exchangeable rail clamps for flat bottom and grooved rails (included in delivery)
- Remote control connected to machine by radio or by cable
- USB charging possibility

#### Health & safety

- Radio remote control enables operation outside the danger zone
- Permanent overview of the driving area during the transfer travel
- Complete visibility of the working units during the working mode

- LED illumination of the complete working area
- Audible and visual warning signals
- Dead man's control for transfer travel and working mode
- Signal lighting (red/white) available
- Sensor monitoring of the cylinder positions
- Emergency operation via hydraulic hand pump possible, tow bar available
- Built according to EN 15955
- Exhaust fumes routing downwards (track bed)

#### Applications

- For lifting and lining ballasted and non-ballasted track panels (when tamping the tracks).
- For lifting rails, for example to replace rail pads
- For lifting work in certain switch areas

## SPECIFICATION

## Version 35

|                                   |                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------|
| Engine                            | one-cylinder 4-stroke diesel engine HATZ 1D81-C<br>special sound-insulated design „Silent Pac“ |
| Gauge                             | 1435 mm                                                                                        |
| Center distance                   | 1435 mm                                                                                        |
| Performance                       |                                                                                                |
| Lifting capacity                  | 200 kN                                                                                         |
| Lifting height                    | continuously adjustable to 750 mm                                                              |
| Slewing force                     | 42.5 kN                                                                                        |
| Slewing range                     | continuously adjustable to 260 mm                                                              |
| Travel speed                      |                                                                                                |
| Travel transfer                   | up to 15 km/h                                                                                  |
| Working mode (via remote control) | up to 5 km/h                                                                                   |
| Dimensions (L x W x H)            | 2000 x 2900 x 1700 mm                                                                          |
| Weight                            | from 2.4 t                                                                                     |

## ACCESSOIRES

9000100064 Hood-shaped cover



Radio remote control