Permanently stable track geometry.
Tamping in less than 2 mins/sleeper.

For the safety of railways, a stable track geometry is vital. Deviations from the nominal geometry caused by level errors jeopardise regular railway operation. They result in restricted speed sections or even line closures.

The ROBEL vertical tamping principle ensures an exact interlocking of the ballast. The high tamping performance of ROTAMP leads to more tamping operations time unit and goes easy on the operator. In addition, ROBEL developed the patented 2-level vibration decoupling, which minimizes the hand-arm vibration. The low weight and handy construction makes working comfortable.

IT'S BENEFITS. YOUR BENEFITS.

- Track stability with ROBEL vertical tamping principle
  - Optimum compaction of ballast under the sleeper
  - High bearing load of the track bed due to tightly interlocked ballast
  - Continuous railway operation and better utilisation of line capacity
  - Long durability of the ballast

- Great tamping performance at high ergonomics
  - Minimum hand-arm vibration thanks to patented 2-level vibration decoupling
  - Relief of the operator due to low weight of the machine
  - Thermal shielding cover
  - Exhaust gas routing away from the operator
  - Option: Central safety shutdown

- Accurate work process cut costs
  - Ballast-friendly tamping avoids replacing sleeper and ballast
  - Low wear costs due to solid design
  - Replaceable tamping tool made of wear-resistant steel
## TECHNICAL SPECIFICATIONS

**ROTAMP P2**

### 62.05 DRIVE AIR-COOLED 2-STROKE ENGINE
- **Type**: Kawasaki TJ45E
- **Output**: 1.42 kW at 8000 rpm
- **Dimensions (L x W x H)**: 420 x 500 x 1230 mm
- **Weight**: ~24.3 kg

**ROTAMP E**

### 62.05 DRIVE ELECTRIC MOTOR
- **Type**: ATB 400 V, 50 Hz
- **Output**: 0.75 kW at 2850 rpm
- **Dimensions (L x W x H)**: 360 x 460 x 1080 mm
- **Weight**: ~24.5 kg

**ROTAMP HD**

### 62.05 DRIVE HYDRAULIC MOTOR
- **Output**: 3 kW at 3500 rpm
- **Dimensions (L x W x H)**: 420 x 500 x 1230 mm
- **Weight**: ~24.9 kg

**ROTAMP P4 Light**

### 62.05L DRIVE AIR-COOLED 4-STROKE PETROL ENGINE
- **Type**: Dolmar
- **Output**: 1.5 kW at 7500 rpm
- **Dimensions (L x W x H)**: 410 x 510 x 1200 mm
- **Weight**: ~19.9 kg

**ROTAMP P4 Short Light**

### 62.05L SHORT VERSION
- **Type**: Dolmar
- **Output**: 1.5 kW at 7500 rpm
- **Dimensions (L x W x H)**: 410 x 510 x 1080 mm
- **Weight**: ~19.6 kg

**ROTAMP B**

### 62.20L MODULAR BATTERY POWERED
- **Power**: 1600 W
- **Dimensions (L x W x H)**: 410 x 510 x 1120 mm
- **Weight with battery**: ~24.8 kg (battery ~6.18 kg)

## ACCESSORIES

**62.05 Safety cut-off**: On the work site the audibility of acoustic warning signals cannot be 100% guaranteed. For the vertical tamper a safety cut-off was designed that will alert to dangers when necessary. The operator can concentrate on tamping on the work site and is warned of approaching trains by the central cut-off of the vertical tamper, initiated by the lookout who can stop up to 4 tampers simultaneously. This indicates to the operators that they have to leave the danger zone immediately.

- **8809910004** Conversion kit, one each required per vertical tamper
- **9008120435** Connection cable, one each per vertical tamper
- **9008120434** Cable drum, can be used for 1 to 4 vertical tampers

**62.05 and 62.05L**
- **8808960110** Transport box
- **8868230001** Rail movement indicator, indicates the horizontal movement of the rail in relation to the ballast.
- **8809910009** Presentation stand