

FLEXIBLE TAMPING UNIT FOR HIGHQUALITY BALLAST CONSOLIDATION.



Compact small tamping machine for precise tamping of track sections that are too big for manual correction and too small for economical use of large machines.

THE ADVANTAGES. YOUR BENEFITS

High tamping performance. Maximum quality.

- Homogeneously consolidated ballast bed through hydraulic tamping with the proven asynchronous pressure vibration tamping principle
- Ballast consolidation in short time
- Precise movements of the work unit through linear control
- Synchronous tamping of both rails possible

Compact design. Maximum flexibility.

- Easy transport by road or rail, ideal for loading onto lorry or ROTRAILER
- Various designs for on- and off-tracking of machine, depending on track access

Reliable functionality. Optimum equipment.

- Quick re-opening of track thanks to on- and off-tracking function
- Optimum view of working area thanks to additional LED lighting
- Full mechanisation reduces manual reworking
- Low servicing and maintenance costs due to optimum accessibility of components
- Simple and intuitive operation via touch screen and reduced number of operating controls

Optional modularity. Individual application.

Maximum possible flexibility.

- Modification to different gauges possible
- Air-conditioned cab for maximum operator comfort
- Two work steps combined in one machine thanks to lifting and positioning function

SPECIFICATIONS

Self-propelled speed	up to 25 km/h
Brake	Hydraulic spring-actuated brake
Drive gear	hydrostatic
Wheel base	3300 mm
Engine output	approx. 100 kW
Engine level	Emission category EU Stage V, EU Stage 3A and US Tier 4
Dimensions	from 5400 x 2400 x 2800 mm, depending on configuration
Weight	from 8 t, depending on
Track gauges	configuration 900 – 1676 mm
Approval	Machine Directive CE marking, EN 15955

Dimensions and weights are approximate. Subject to modifications due to new developments. Prices excluding VAT. We protect our intellectual property rights.

Basic design with covered driver's desk and tamping unit fixed on one side with four tamping tines.

TAMPING UNITS

OPTION SINGLE (BASIC DESIGN)

1. basic tamping unit, fixed, not adjustable

OUTPUT: up to 200 sleepers/h, without lifting and positioning

OPTION DUAL

2. basic tamping units, fixed, not adjustable

OUTPUT: up to 400 sleepers/h, without lifting and positioning

ADVANTAGE:

- Working without a second machine, parallel tamping of both rails
- Vehicle does not need to be turned around

CONFIGURATION MODULES

Cabin

BASIC DESIGN

Open driver's desk with roof, designed with ergonomics in mind (basic design)

OPTION

Closed cabin with air-conditioning and heating

ADVANTAGE:

- Closed cabin with air conditioning and heating

Lifting and positioning unit

Hydraulic lifting clamps with max. 100 mm lift, lateral displacement up to +/- 100 mm depending on clearance gauge

ADVANTAGE:

- Saves approx. 3 – 4 staff compared to manual alignment of rail
- No additional lifting and positioning tool required
- No manual reworking
- Includes measuring device for measuring superelevations with real-time display

On- and off-tracking device

Autonomous on- and off-tracking, parallel to the direction of travel on various surfaces with additional ramps

ADVANTAGE:

- Increased line availability
- On- and off-tracking possible under overhead line

Off-tracking wheels

Unloading made easier with additional mountable rubber wheels

ADVANTAGE:

- Short journeys possible on tarmac
- No damage to running wheels
- Easy installation of additional wheels

Turntable

Easier turning of the machine

ADVANTAGE:

- Allows working in both directions
- Facilitates autonomous on- and off-tracking of machine in combination with off-tracking wheels

OPTION 1:

Standard turntable

OPTION 2:

Turntable for superelevation

- Easier turning in gradients and/or superelevations
- With additional levelling table and levelling supports for levelling out the machine in superelevation or gradient

Additional gauge/modification package

OPTION 1:

Additional gauge axles: only axles for wider track gauge

OPTION 2:

Modification package: Additional gauge axles with lifting and positioning unit

Small machinery transport bracket

Includes 2 x ROTAMP Vertical Tampers 62.05L Light

OPTIONS	ROMITAMP 2.0 Single	ROMITAMP 2.0 Dual
TAMPING UNIT		
1. Basic tamping unit, fixed	●	—
2. Basic tamping units, fixed	—	●
Tamping unit for guard rails	●	●
ENGINE		
With emission level EU Stage V	●	●
With emission level EU Stage 3A	●	●
With emission level US Tier 4	●	●
CABIN		
Covered work station	●	●
Closed cabin	●	●
ADDITIONAL EQUIPMENT		
Lifting and positioning unit* (incl. superelevation measuring)	●	●
On- and off-tracking device	●	●
Off-tracking wheels	●	●
Standard turntable	●	●
Turntable for superelevation*	●	●
Additional gauge/modification package	●	●
Loading equipment	●	●
Small machinery transport bracket*	●	●

● Standard

● Option

* Depending on the configuration, clearance gauges and any restrictions may have to be specifically investigated.

* The options on- and off-tracking device and small machinery transport brackets cannot be combined

* The options on- and off-tracking device and turntable cannot be combined