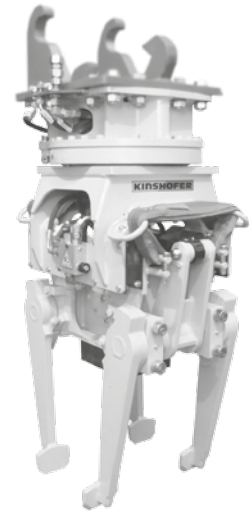


## RST03

## Ballast Tamper

Using a RST03 Ballast Tamper with rotation, the packing of ballast under sleepers is not only fast, but also efficient and economical – ideal for road-rail excavators with 14t / 30800 lbs up to 22t / 48400 lbs operating weight.

- **Low weight.**
- **Complete** with high frequency vibrating unit and rotation.
- **Efficiency:** the strong, silent compressor destabilizes the gravel ballast, while the built-in vibration unit is running. The four arms are thrust into the gravel and pack it by vibrating. They move alongside and below the sleeper into the ground and tamper optimally.
- **Flexibility:** adjustable arms and force.
- **High frequency.**
- **Low noise operation.**
- **Strong vibration rubbers** for low vibration against the machine.
- **Adjustable tamping depth** for concrete sleepers or for steel and timber ties.



### Ballast Tamper RST03

Type	Gripping range A (mm / in)	Weight (kg / lbs)	Length B (mm / in)	Height C (mm / in)	Width E (mm / in)	Gripper elements (pieces)	Compaction force (kg / lbs)
RST03	195 - 650 / 7.83 - 25.59	1025 / 2255	840 / 33.07	1600 / 62.99	635 / 25.00	4	7500 / 16500

**Package consists of:** ballast tamper, vibrating unit, **KINSHOFER** rotation incl. 2 motors

**Different couplings available (optional).** Available without upper bracket, too.

### Requirements of Excavator

Three hydraulic circuits needed, two of them double effective (open / close and rotation) and one hammer line (vibration), with free line to the tank

**Operating pressure (open/close/vibration):** max. 20 MPa (200 bar) / 2880 psi

**Recommended oil flow (open/close/vibration):** 50 - 75 l/min / 13.21 - 19.82 GPM (free line to tank required)

**Operation pressure (rotation):** max. 14 MPa (140 bar) / 2016 psi

**Recommended oil flow (rotation):** 25 - max. 60l/min / 6.61 - max. 15.85 GPM

### Technical Drawings

