

Using a RST03 ballast tamper mounted especially efficient to a **NOX** tiltrotator, the packing of ballast under sleepers is not only fast, but also efficient and economical. Ideal for road-rail excavators with 10t - 24t / 22000 - 52800 lbs operating weight.

- ▷ **Low weight.**
- ▷ **Complete** with high frequency vibrating unit.
- ▷ **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.
- ▷ **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.
- ▷ **Different displacements** of engines available according to the recommended oil flow needed.



**Ballast Tamper RST**

Type	Gripping range A (mm/in)	Weight (kg/lbs)	Length B (mm/in)	Height C (with adapter) (mm/in)	Width E (mm/in)	Gripper elements (pcs)	Compaction force (kg/lbs)
RST03	195 - 650 / 7.8 - 25.6	520 / 1144	840 / 33.1	1215 / 47.8	635 / 25.0	4	7500 / 16500

**Package consists of:** ballast tamper, vibrating unit, with plate with hole pattern for bolt-on adapters

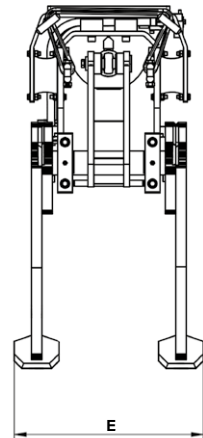
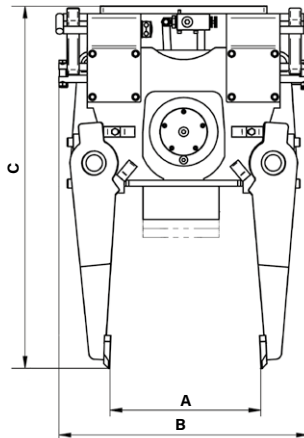
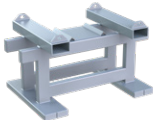
**Note:** suitable for all kinds of sleepers. For adapters see page 27

**Accessories**

**Description**

Supporting rack for transport for RST03

optional rack for transport



**Requirements of Excavator**

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

**Operating pressure**

max. 15 MPa (150 bar) / 2160 psi

**Recommended oil flow  
open/close**

50 - max. 85 l/min / 13.2 - max. 22.5 GPM

**Recommended oil flow  
vibration**

40 - 45 l/min / 10.6 - max. 11.9 GPM  
(free line to tank required)