

Ballast Tamper with Rotation

RST03HD  14 - 24t

Using a RST03HD 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 24t / 52800 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 RST03HD

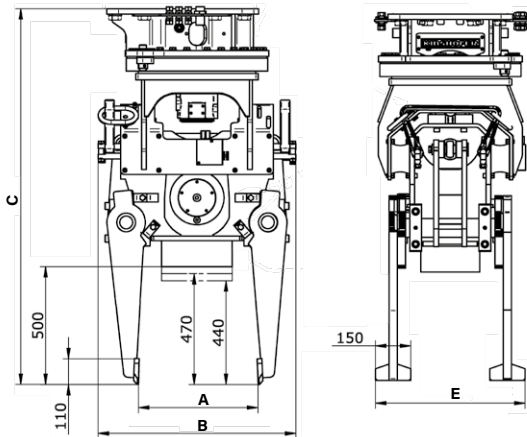
Type	Gripping range A (mm/in)	Weight (kg/lbs)	Length B (mm/in)	Height C (mm/in)	Width E (mm/in)	Gripper elements (pcs)	Compaction force (kg/lbs)
RST03HD	195 - 650 / 7.8 - 25.6	1025 / 2255	840 / 33.1	1600 / 63	635 / 25	4	7500 / 16500

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

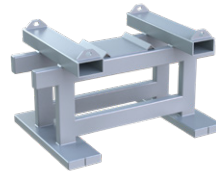
Note: suitable for all kinds of sleepers. For adapters see page 27

Accessories

Type	Description
T650 rigid	bolt-on adapter for "Atlas" quick coupler T620 supporting rack for transport for RST03HD



optional rack for transport



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 and overflow oil line.

Operating pressure
(open/close/vibration)
max. 15 MPa (150 bar) /
2160 psi

Operating pressure
(rotate)
max. 14 MPa (140 bar) /
2016 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)

Recommended
oil flow (rotate)
25 - max. 45 l/min /
6.6 - max. 11.9 GPM