

With the sleeper layer RUS05 concrete sleepers can be taken at their center and then be moved easily and effectively - for road rail excavators from 14t - 24t / 30800 - 52800 lbs operating weight.

- ▷ **Synchronized gripping arms** embrace the sleepers.
- ▷ **Efficiency:** several concrete sleepers are clamped together at their center at the same time by hydraulic grippers and then layed into the ballast bed. This saves time compared to placing sleepers individually.
- ▷ **Safety:** a special holding valve provides a safe grip - even if pressure drops.
- ▷ **Variable gripping range:** the position of the traversing arms can vary within the specified range.
- ▷ **Flexibility:** suitable for nearly all types of waisted sleepers. Height stop adjustable.
- ▷ **For narrow areas** close to sidetracks and foundations, as the layer grabs the sleepers in the center.
- ▷ **Precise positioning** thanks to the mounted 10t-rotator with 4 oil ducts and hose guard.
- ▷ **Including rack** for storage.
- ▷ **Adjustable sleeper distance:** 600mm / 620mm / 650mm (23.6 in / 24.4 in / 25.6 in).



**Sleeper Layer RUS05**

Type	Gripping range	Weight (kg/lbs)	Length B (mm/in)	Height C (mm/in)	Width E (mm/in)	Number of grip tongs (pcs)	Jaw width (mm/in)	Sleeper width (mm/in)	Weight single sleeper max. (kg/lbs)
	A min. - max. (mm/in)								
RUS05	150 - 265 / 5.9 - 10.4	1390 / 3058	2820 / 111	1553 / 61.1	825 / 32.5	5	330 / 13	300 / 320 11.8 / 12.6	350 / 770
RUS05 Atlas	150 - 265 / 5.9 - 10.4	1300 / 2860	2820 / 111	1330 / 52.4	825 / 32.5	5	330 / 13	300 / 320 11.8 / 12.6	350 / 770

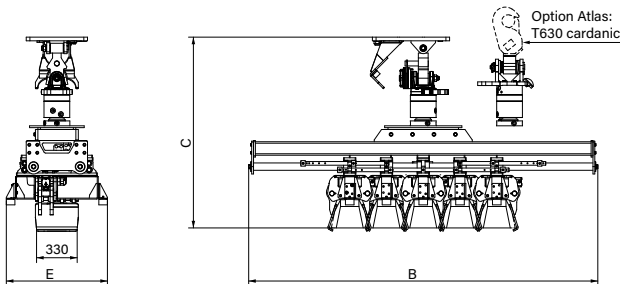
**RUS05 package consists of:** sleeper layer, KINSHOFER rotator with hose guard, upper suspension with pendulum damper KM 511, connection plate, counter-balance valve and storage rack

**RUS05 Atlas package consists of:** sleeper layer, KINSHOFER rotator with hose guard and head plate suitable for Atlas T630 upper suspension, counter-balance valve and storage rack

**Accessories**

Type	Description
T630 cardanic	upper suspension with pendulum damper for "Atlas"
T650 rigid	bolt-on adapter for "Atlas" quick coupler T620
KM 980-2 2t-8t c	solenoid valve KM 980-2 for 12/24 V. complete attachment kit including assembly components for extension to the third hydraulic control circuit

- Notes:**
- Three hydraulic circuits or two hydraulic circuits plus one solenoid valve needed!
  - for adapters see page 27



**KINSHOFER Rotator**

Continuous rotation and four oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (width x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 10 F173-45-4DD	100 x 45 / 3.9 x 1.8	2000 / 1475	12000 / 8850

**Requirements of Excavator**

**Operating pressure**  
max. 20 MPa (200 bar) / 2880 psi

**Recommended oil flow**  
25 - max. 50 l/min / 6.5- max. 13 GPM