

With the Sleeper Layer RUS2 05, concrete sleepers can be taken by their ends and then moved easily and effectively – for road rail excavators from 14t - 24t / 30800 - 52800 lbs operating weight.

- ▷ **Efficiency:** several concrete sleepers are clamped together at the same time by hydraulic grippers and then layed into the ballast bed. Thanks to a follow-up control, the sleepers are aligned at the front side. 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. Adjustable to different sleeper lengths.
- ▷ **Precise positioning** thanks to the mounted 10t rotator with 4 oil ducts and hose guard.
- ▷ **Adjustable sleeper distance:** 600mm / 620mm / 650mm (23.6 in / 24.4 in / 25.6 in).



Sleeper Layer RUS2 05

Type	Gripping range	Weight	Number of grip tongs	Jaw width	Sleeper width	Weight single sleeper
	for sleeper length					
	A (mm/in)	(ca. kg/lbs)	(pcs)	(mm/in)	(mm/in)	
RUS2 05	2400 - 2800 / 94.5 - 110.2	1700 / 3740	5	180 / 7.1	280/300/320 / 11.0/11.8/12.6	350 / 770
RUS2 05 Atlas	2400 - 2800 / 94.5 - 110.2	1610 / 3542	5	180 / 7.1	280/300/320 / 11.0/11.8/12.6	350 / 770

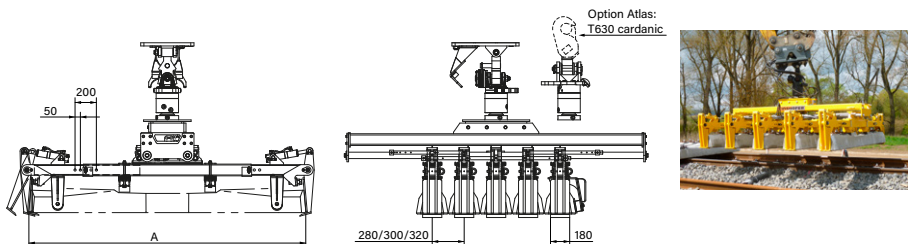
RUS2 05 package consists of: sleeper layer, KINSHOFER rotator with hose guard, upper suspension with pendulum damper KM 511, counter-balance valve and connection plate

RUS2 05 Atlas package consists of: sleeper layer, KINSHOFER rotator with hose guard and head plate suitable for Atlas T630 upper suspension and counter-balance valve

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

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