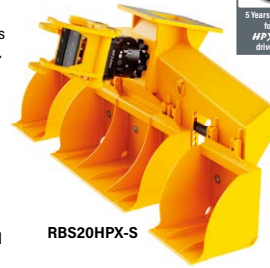




Multi purpose sleeper changing unit RBS20HPX for the extraction and exchange of railway ballast and concrete sleepers (B55/58 or B70), as well as wooden or steel sleepers of different shapes and sizes. Ideal for road rail excavators with 14t - 24t / 30,800 - 52,800 lbs operating weight.



- ▷ **Efficiency:** the large shield with buckets clears the track from the ballast. The sleeper is then grabbed by the hydraulically operated gripper and pulled out from the ballast bed. Once the new sleeper is placed, the shield is used to bring back and level the ballast again.
- ▷ **Safety:** a special holding valve provides a safe grip - even if pressure drops.
- ▷ **Reduced wear** due to the use of HARDOX quality steel.
- ▷ **Bolt-on adapter:** upper brackets for different quick coupling systems available.
- ▷ **Additional attachments** are available optional.
- ▷ **360° endless rotation** due to the integrated 15t-rotator.
- ▷ **3 bolt-on ballast buckets**, exchangeable in a few minutes.
- ▷ **Adjustable plunge depth of shield** via adjustable limit rods.
- ▷ **Short version with adjusted kinematics** RBS20HPX-S: gripping unit directly mounted to the shield.



Sleeper Changers RBS20HPX with Shield and *HPXdrive*

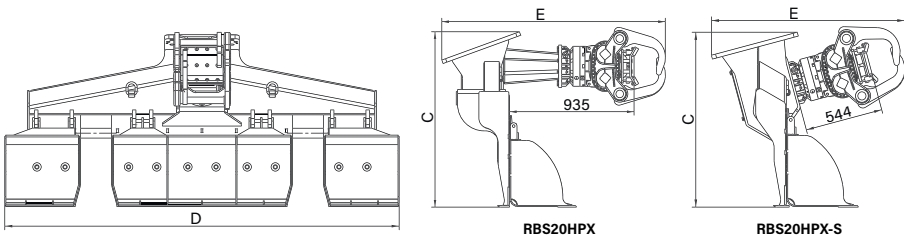
Type	Gripping range	Weight (kg/lbs)	Length D (mm/in)	Height C (mm/in)	Width E (mm/in)	Gripper elements (pcs)	Load capacity (kg/lbs)
	min. - max. (mm/in)						
RBS20HPX	270 - 570 / 10.6 - 22.4	1,250 / 2,750	2,800 / 110.2	1,340 / 52.8	1,670 / 65.8	4	2,000 / 4,400
RBS20HPX-S	270 - 570 / 10.6 - 22.4	1,170 / 2,574	2,800 / 110.2	1,220 / 48.0	1,280 / 50.4	4	2,000 / 4,400

Package consists of: sleeper changing unit, ballast shield and 3 bolt-on ballast buckets, KINSHOFER rotator KM 15 F273/273 and HPXdrive, non-return valve

Accessories

Type	Description
T650 rigid	bolt-on adapter for "Atlas" quick coupler T620

Note: for adapters see mounting options.



Requirements of Excavator

Two hydraulic circuits needed.

Operating pressure (open/close)	Operating pressure (rotate)	Recommended oil flow (open/close)	Recommended oil flow (rotate)
max. 20 MPa (200 bar) / 2,880 psi	max. 35 MPa (350 bar) / 5,040 psi	25 - max. 75 l/min / 6.6 - max. 19.8 GPM	20 - max. 50 l/min / 5.3 - max. 13.2 GPM