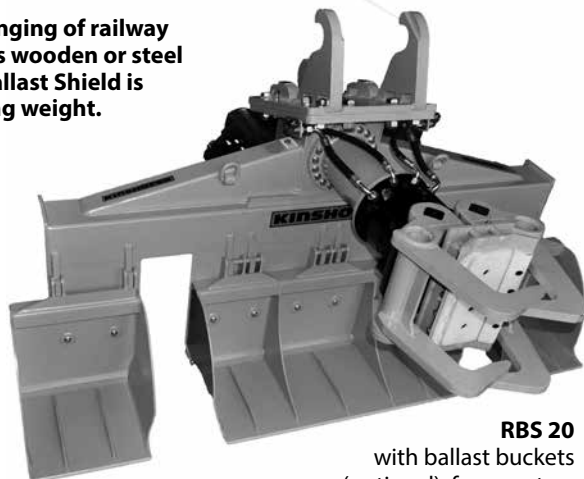


RBS 20

Sleeper Changing Unit with *HPXdrive* and Ballast Shield

Multi Purpose Sleeper Changing Unit RBS20 for the extraction and changing of railway ballast and for changing concrete sleepers (B55/58 or B70), as well as as wooden or steel sleepers of different shapes and sizes. The RBS20 with *HPXdrive* and Ballast Shield is ideal for road rail excavators with 12t - 24t / 26400 - 52800 lbs operating weight.

- **Efficiency:** the large shield helps clearing / preparing the track. The sleeper gets grabbed by two hydraulically operated grippers and then pulled out from the ballast bed. Once the new sleeper is placed, the shield can be used to level the ballast. Rational use.
- **Safety:** a special holding valve provides a safe grip – even if pressure drops.
- **Light weight** – made of HARDOX quality steel.
- **Bolt-on adapter:** upper brackets for quick hitch systems available.
- ***HPXdrive*:** Exchangeable gripper system according to the range of sleepers. – Other tools / shells available (optional).
- **Rotation 360° endless** by integrated 15t-rotation.
- **Adjustable plunge depth** for more flexibility (sleeper's height).
- **Optional: 3 bolt-on ballast buckets**, exchangeable in a few minutes.



RBS 20
with ballast buckets
(optional), for use at an
excavator with quick coupler

Sleeper Changing Unit RBS20 with *HPXdrive* and Ballast Shield

Type	Gripping range A (mm / in)	Weight (kg / lbs)	Length E (mm / in)	Height C (mm / in)	Width D (mm / in)	Gripper elements (pieces)	Load capacity (kg / lbs)	Operating weight (t / lbs)
RBS 20	270 - 570 / 10.63 - 22.44	1030 / 2266	2800 / 110.24	1340 / 52.76	1670 / 65.75	4	2000 / 4400	12 - 24 / 26400 - 52800

Package consists of: sleeper changing unit with ballast shield, rotation KM 15 F273/273 + *HPXdrive* with sleeper grapple, bolt-on adapter

Requirements of Excavator

Two hydraulic circuits needed

Operating pressure (open/close):

Pump capacity (open/close):

Operating pressure (rotation KM 15 F273/273) :

Pump capacity (rotation KM 15 F273/273) :

max. 20 MPa (200 bar) / 2880 psi

25 - 75 l/min / 6.61 - 19.82 GPM

max. 32 MPa (320 bar) / 4608 psi

15 - 50 l/min / 3.96 - 13.21 GPM

Technical Drawings – Examples of Use

