

Technical specification **mobile light material separator**



- » no waste water whilst the material stays in the water
- » self cleaning brush belt, demountable for transport
- » extreme low operational and maintenance costs

VERTRETUNG FÜR: TEREX FINLAY | TEREX MPS | SBM MINERAL PROCESSING | WASH-BEAR

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wash-bear[®] - Type pro 190

Technical specification

Feed material:	Construction and demolition waste, recycled gravel
Grain size:	4 - 120 mm
Water consumption:	approx. 3 - 16 m ³ per shift of 8 hours, depending on input material properties
Inlet height:	approx. 2,400 mm
Inlet width:	approx. 1,400 mm
Installed power:	30.0 kW for screw conveyor 1.5 kW for brush
Transport speed:	to be adjusted by inverter
Weight:	approx. 10.6 t

Consisting of:

- screw conveyor Ø 1,000 mm with double speed
- patented screw design made of extremely wear resistant alloy
- discharge chute and inlet chute made of 15 mm mild steel, with additional trough cover
- extended and reinforced axle tube
- reinforced lower frame
- bearing with reinforced radial and axial housing
- labyrinth seal at front bearing
- reinforced bearing
- extended cleaning lid at back side (Ø 200 mm)
- self cleaning brush belt, demountable for transport
- electric control box with support
- inverter
- engine equipped with external fan
- additional height adjustment
- container lift system with steel rollers
- primer and finish

Applications:

- separation of light fraction to get clean aggregates
- static and mobile set-up
- extreme low operational and maintenance costs
- optimal moisture contact in material
- a special construction of the bearing-sealing prevents entrance of sediment
- no waste water whilst the material stays in the water
- automatic regulation of water level
- automatic dosing of supplementary water
- very easy operation and maintenance
- wear reduction because material stays on top of material inside the washer
- adjustable angle

Water supply
Power supply:

C-tube Ø 2.0 bar overpressure
63-A CE-norm, fully electrical driven
total installed power max. 32.0 kW