

MULTI SCREEN®

MS 5200



May, 18th 2026

up to 150 m³/h

screening capacity



Environmentally friendly



Double trommel technology



Interchangeable wire screen



Full mobility at 80 km/h



Tested safety system

Wheeled chassis (Standard model)

The allrounder with high flexibility

Trommel length
5,200 mm

Hopper
Volume 5.5 m³
Loading width 3,650 mm

Weight
max. 20,000 kg

Towing device
towing eye Ø 50 mm

Trommel diameter
2,000 mm

Total screening area
approx. 47 m²

Drive
diesel-hydraulic,
electric, hybrid

Transport measurements
(LxWxH)
11,750 x 2,550 x 4,000 mm
(Standard)



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Technical Description

- ✓ **Base frame**
 - Longitudinal beam:** double T-profile steel, height approx. 300 mm
 - Chassis:** 2 x 9 t Leaf spring axles Gigant underrun and side protection
 - Tires:** 4 x 385 / 55 R 22.5
 - Brake:** Two circuit compressed air breaks with ABS
 - Lighting:** LED light strip, marker lights are flashing
- ✓ **Hopper**
 - Volume:** 5.5 m³
 - Loading height:** 3,120 mm
 - Loading width:** 3,650 mm
- ✓ **Feeding belt**
 - Belt width:** 1,000 mm
 - Belt length:** 3,600 mm
 - Belt type:** plain belt (profile belt: optional)
 - Speed:** adjustable
- ✓ **Feeding belt**
 - Inner screening surface:** 24.5 m²
 - Outer screening surface:** 22.1 m²
 - Trommel diameter:** 1,500 mm (inner)
 - Trommel diameter:** 2,000 mm (outer)
 - Length:** 5,200 mm
 - Trommel drive:** directly via pulley and belt
- ✓ **Mesh sizes**
 - Inner:** 80 x 170 mm (standard)
 - Outer:** exchangeable wire screens 2 - 80 mm
 - Screen change function by means of remote control
- ✓ **Cleaning brush**
 - Diameter:** 500 mm with own drive
- ✓ **Conveyor belt fine fraction**
 - Belt width:** 650 mm, hydraulic foldable
 - Discharge side:** direction of travel left
 - Discharge height:** approx. 3,300 mm
- ✓ **Conveyor belt middle fraction**
 - Belt width:** 650 mm, hydraulic foldable
 - Discharge side:** direction of travel right
 - Discharge height:** approx. 3,385 mm
 - approx. 2,300 mm (shortened conveyor belt)
- ✓ **Conveyor belt coarse fraction**
 - Belt width:** 800 mm, hydraulisch klappbar
 - Discharge side:** back
 - Discharge height:** approx. 3,000 mm
 - approx. 2,140 mm (shortened conveyor belt)
- ✓ **Trommel belt (fine fraction)**
 - Belt width:** 1,100 mm
- ✓ **3 fractions**
 - Fine fraction:** 2 - 80 mm, on demand
 - Middle fraction:** 2 - 80 mm or Standard 75 x 170 mm
 - Coarse fraction:** depending on the mesh size of the middle fraction, standard > 170 mm
- ✓ **Drive concept diesel-hydraulic (standard)**
 - Diesel engine:** CATERPILLAR C3.6 74.5 kW 2,400 U/min
 - Emission std.:** EU stage V / EPA / CARB Tier 4 Final
 - Drive:** hydraulic pumps & hydraulic motors
 - Tank capacity:** 200 l / 20 l AdBlue
- ✓ **Drive concept diesel-electric**
 - Diesel engine:** Perkins 904J 3.6 2,200 U/min
 - Emission std.:** EC-NRMM Stage III A
 - Drive:** Current synchron generator & electric motors
 - Tank capacity:** 200 l
 - external power supply possible (depending on country specific current / in combination with dieselelectric or electric drive))
- ✓ **Drive concept elektro-hydraulic**
 - Connected load:** approx. 100 kVA
 - Power supply:** CEE Stecker 125A
- ✓ **Electric power supply**
 - Connected load:** approx. 50 kVA
 - Power supply:** CEE Stecker 63A
- ✓ **Hitch**
 - Drawbar eye Ø 50 mm** according to ISO 1102
- ✓ **Transport dimensions**
 - Length:** 11,750 mm
 - Width:** 2,550 mm
 - Height:** 4,000 mm
- ✓ **Working dimensions**
 - Length:** 14,500 mm
 - Width:** 10,950 mm
 - Height:** 4,000 mm
- ✓ **Screening capacity**
 - 20 - 150 m³/h**, depending on the material properties
- ✓ **Weight**
 - approx. 20,000 kg (depending on features)
- ✓ **Colour / Coatings**
 - Polyurethane one-coat topcoat
 - Engine cover and side covers:** RAL 6001 green
 - Hopper, chassis, screening trommel:** RAL 7022 grey
 - Conveyor belt frame:** hot-dip galvanized

Dimensions Standard Equipped

Transport & Working position

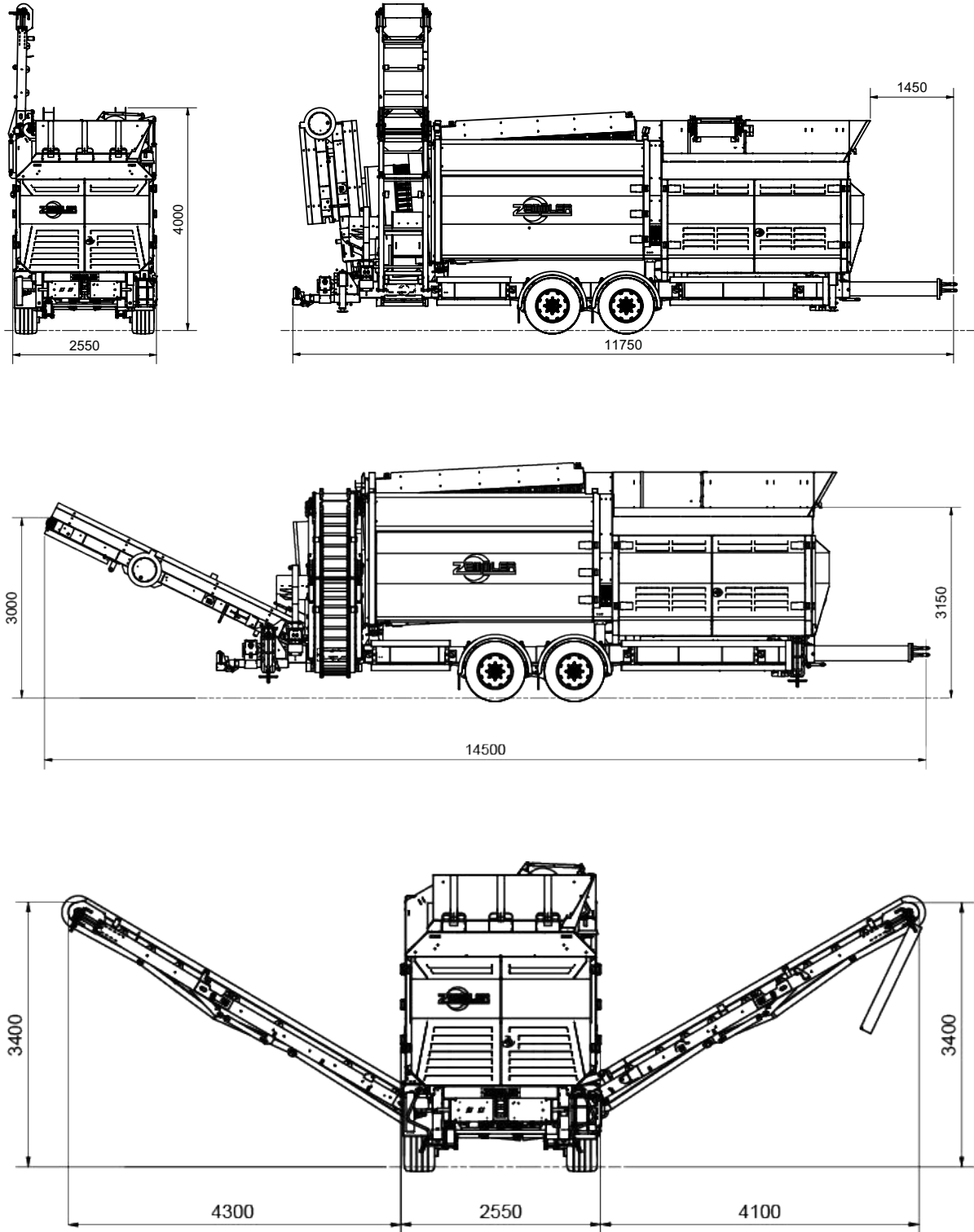


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