

**MULTI SCREEN®**

**MS 16 Pro**



**3,5 t**  
Maximum weight



**Double trommel**  
technology



**Interchangeable**  
wire screen



**Full mobility**  
at 80 km/h



**Tested**  
safety system



**Electrical drive**  
optional external  
power generator

With sensors & electronic control

## for maximum safety & optimal operation

- ✓ simplified operation
- ✓ improved safety
- ✓ modern design
- ✓ easier to repair and maintain

Trommel length  
**1,790 / 2,680 mm**

Hopper  
**Volume 1.85 m³**  
Loading width 2,510 mm

Weight  
**max. 3,500 kg**

Towing device  
**Tow head,**  
towing eye Ø 40 / 50 mm

Trommel diameter  
**1,000 / 1,300 mm**

Total screening area  
**approx. 11 m²**

Drive  
**electric (16 A), optional**  
power generator

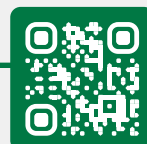
Transport measurements  
(LxWxH)  
**6,200 x 2,100 x 3,200 mm**



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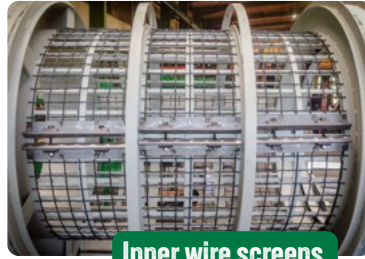


# Options



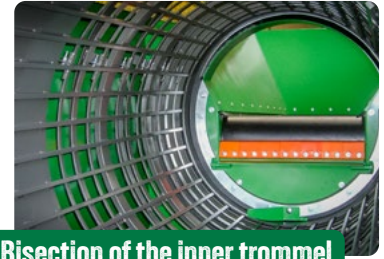
**Outer wire screens**

optional 2 to 80 mm



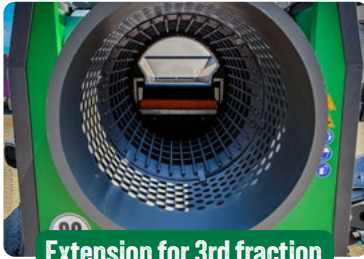
**Inner wire screens**

optional 40 to 80 mm



**Bisection of the inner trommel**

approx. 75 x 75 mm



**Extension for 3rd fraction**

punched Ø 40 / Ø 50 mm  
or not-punched



**Chute for 3rd fraction**



**Profile belt Belt feeder**

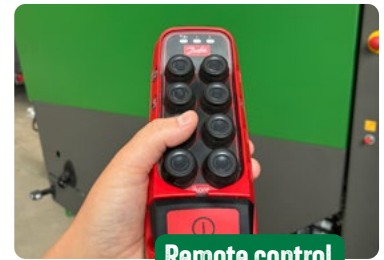


**Diesel power generator**

with Aggregate extract, 11,0 kVA



**Aggregate extract**

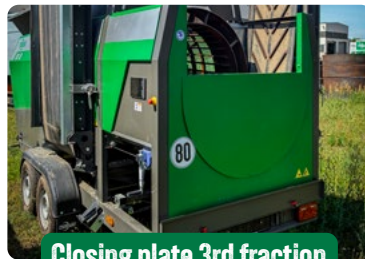


**Remote control**



**Weather / dust protection roof**

for trommel and brush



**Closing plate 3rd fraction**



**Special lacquering**



**LED spotlights**



**LED ambient lighting**

(multi-color) for  
status indicator



**Monitoring**

for all conveyors

# Technical Description

- ✓ **Base frame**
  - Longitudinal beam:** height approx. 160 mm
  - Chassis:** 2 x 1.8 t air suspension
  - Tires:** 4 x 185 R 14 C
  - Rim:** 4 x 5 ½ J
  - Brake:** trommel break, overrunbraked
- ✓ **Hopper**
  - Volume:** approx. 1.85 m³
  - Loading height:** 2,200 mm
  - Loading width:** 2,510 mm
- ✓ **Feeding belt**
  - Belt width:** 800 mm
  - Belt length:** approx. 2,500 mm
  - Belt type:** plain belt (ribbed belt: optional)
  - Speed:** adjustable
- ✓ **Double trommel**
  - Screening surface:**
    - Inner:** 5.2 m²
    - Outer:** 6.5 m²
  - Trommel diameter:** 1,000 mm (inner)
  - Trommel diameter:** 1,300 mm (outer)
  - Length:** 1,790 / 2,680 mm
  - Rotational speed:** adjustable
  - Trommel drive:** directly via pulley and belt, maintenance-free (no lubrication, no need to replace chain or sprocket)
- ✓ **Mesh sizes**
  - Inner:** 75 x 170 mm (standard)
  - Outer:** optional - exchangeable wire screens 2 - 80 mm
  - Screen change function by means of remote control
- ✓ **Cleaning brush**
  - Diameter:** 250 mm
- ✓ **Conveyor belt fine fraction**
  - Belt width:** 1,000 mm, mechanic foldable
  - Discharge side:** Direction of travel left
  - Discharge height:** 1,700 mm
- ✓ **Conveyor belt middle / coarse fraction**
  - Belt width:** 600 mm, mechanic foldable
  - Discharge side:** Direction of travel right
  - Discharge height:** 1,700 mm
- ✓ **3 fractions**
  - Fine fraction:** 2 - 80 mm, on demand
  - Middle fraction:** 2 to 80 mm or Standard 75 x 170 mm
  - Coarse fraction:** Extension for 3rd fraction depending on the mesh size of the center fraction, standard > 170 mm (the use of the attachment ring is recommended, it is mandatory for particle sizes greater than 170 mm)
- ✓ **Power**
  - Electric drive,** 16A, CEE-Stecker connected load approx. 7.05 kW / 8.8 kVA (standard)
  - optional** petrol-power generator or diesel-power generator (not included in the basic price)
- ✓ **Hitch**
  - Height adjustable** up to 1,050 mm
  - and changeable between:**
    - trailer hitch ball Ø 50 mm according to ISO 24347 (standard)
    - drawbar eye Ø 40 mm or Ø 50 mm according to ISO 8755 (subject to surcharge)
- ✓ **Transport dimensions**
  - Length:** 6,200 - 6,500 mm
  - Width:** 2,100 mm
  - Height:** 3,200 mm
- ✓ **Working dimensions**
  - Length:** 6,200 - 6,500 mm
  - Width:** approx. 6,000 mm
  - Height:** approx. 2,200 mm
- ✓ **Screening capacity**
  - 5 - 30 m³/h,** depending on application, mesh size and feeding
- ✓ **Weight**
  - Max. 3,500 kg** (standard empty weight approx. 3,000 kg)
- ✓ **Colour / Coatings**
  - Polyurethane one-coat topcoat
  - Engine cover and side covers:** RAL 6001 green
  - Hopper, chassis, screening trommel:** RAL 7022 grey
- ✓ **Telemetry**

## Processable materials

Coal  
Excavated soil  
Waste  
Clinker  
Stones

Rubbish  
Glass  
Plaster  
Building rubble  
Green waste

Wood  
Compost  
Shredded wood waste

and many more



Wood chips



Topsoil



Gravel



Sand



Grit / chippings



Substitute fuels

# Dimensions Standard Equipped

## MULTI SCREEN® MS 16 Pro

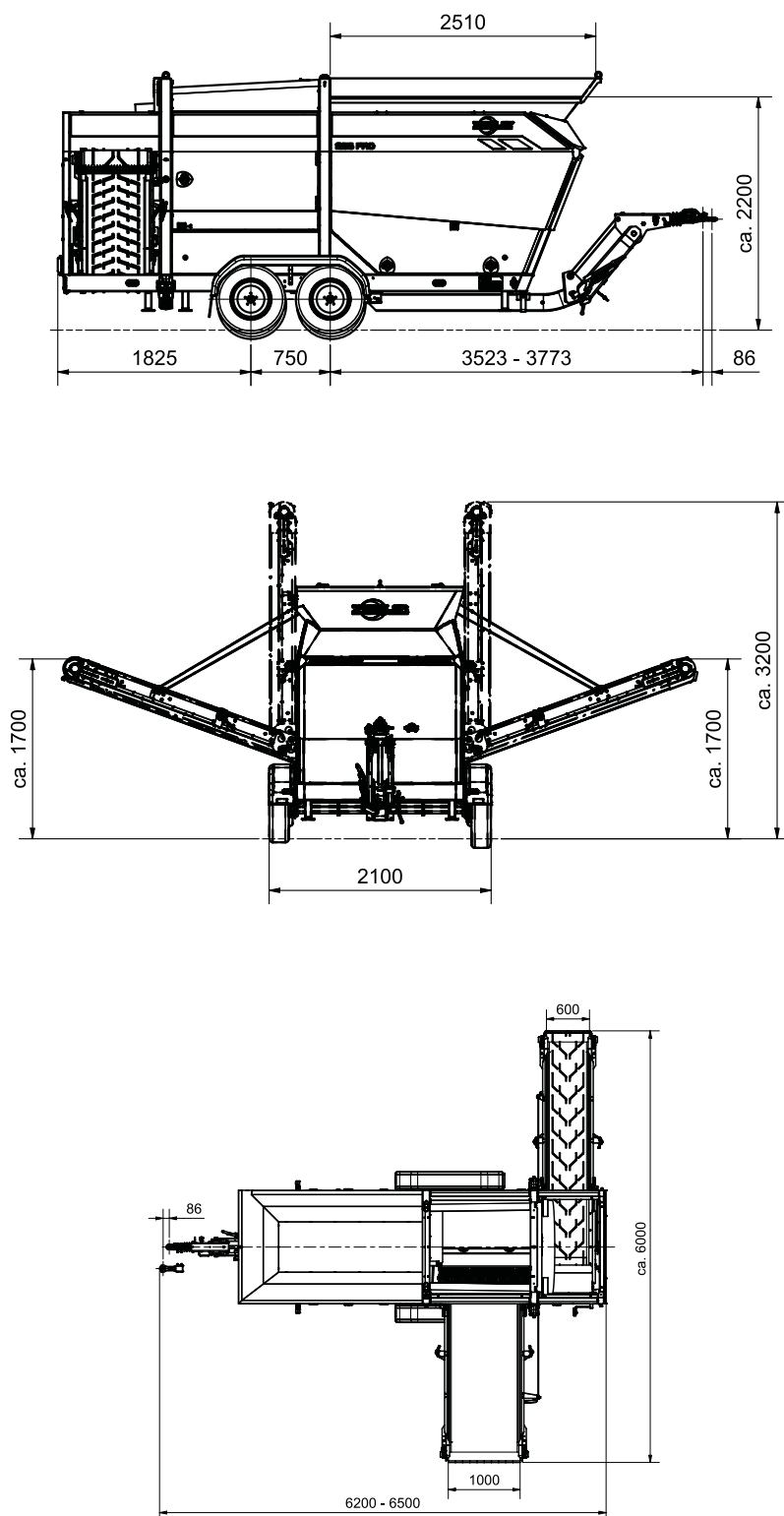


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