



# MULTI SCREEN® MS 4200



## ON A GREEN MISSION

soil



construction waste



green waste



wood chips



sand & gravel



recycling



stones



compost





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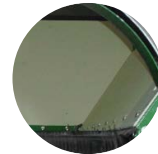
## OPTIONS



Ripped belt for feeder or fine fraction



Special lacquering



Abrasion plates for the feeder



Hydraulic stone grid with slide



Remote control



Hydraulic support leg (requires remote control)



Permanent drum magnet with slide



Outer wire screens optional 2 to 80 mm



Bisection of the inner trommel approx. 75 x 75 mm



Extended conveyor belt for middle fraction



Inner wire screens optional 2 to 80 mm



Extended conveyor belt for coarse fraction



Rip blades

## MORE OPTIONS



different trommels:  
- conic  
- single  
- punched  
- and more



Reversible cooler for hydraulic oil cooler incl. reverse control and reversible cooler for diesel engine



Roof for double trommel and cleaning brush



accessory shoe (in-house transport, do not use on public roads)



TopSpin PreCleaner



Flood lamps



Additional connector for hydraulic connection



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## TECHNICAL DESCRIPTION 1

### ■ Base frame:

longitudinal beam: double T-profile steel,  
height approx. 300 mm  
chassis: 2 x 9 t Leaf spring axles by  
Gigant  
underrun and side protection  
4 x 385 / 55 R 22,5  
tires: two circuit compressed air  
brake: breaks with ABS  
  
lighting: LED light strip,  
marker lights are flashing  
Remodeling on 25 km/h- axle possible

### ■ Feeder:

cubage: 5.5 m<sup>3</sup>  
loading height: 3,120 mm  
loading length: 3,650 mm

### ■ Feeding belt:

belt width: 1.000 mm  
belt length: 3.600 mm  
belt type: plain  
speed: adjustable  
profile belt: optional

### ■ Double trommel:

surface:  
inner: 15.7 m<sup>2</sup>  
outer: 16.0 m<sup>2</sup>  
trommel diameter: 1,500 mm (inner)  
trommel diameter: 2,000 mm (outer)  
trommel length: 4,200 mm  
trommel drive: direct over chain and chain  
wheel

### ■ 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  
drop off side: left  
drop off height: approx. 3,300 mm

### ■ Belt beneath double trommel, fine fraction

belt width: 1,100 mm

### ■ Conveyor belt middle fraction:

belt width: 650 mm  
hydraulic foldable  
drop off side: right  
drop off height: approx. 2,300 mm (standard)  
approx. 3,300 mm  
(extended conveyor belt)

### ■ Conveyor belt coarse fraction:

belt width: 800 mm  
hydraulic foldable  
drop off side: rear  
drop off height: approx. 2,140 mm (standard)  
approx. 3,000 mm  
(extended conveyor belt)

### ■ Screen material:

sand, saw dust, wood chips, compost, soil, coal and  
cinder, construction waste and recycling materials,  
stones and gravel sand

### ■ 3 fractions:

fine fraction: 2 - 80 mm, on demand  
middle fraction: 2 - 80 mm up to 170 mm  
coarse fraction: ex 170 mm (standard)

### ■ Remodeling to 2 product trommel possible:

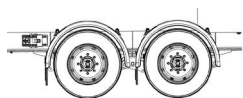
shortened inner trommel, omission of belt of coarse product  
shortened inner trommel, omission of middle product,  
widened & extended conveyor of coarse product  
4.500 x 1.000 mm  
single trommel, omission of middle product, widened &  
extended conveyor of coarse product 4.500 x 1.000 mm



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## TECHNICAL DESCRIPTION 2

### Chassis options:



On wheels (standard)



On skids

### Drive concept:

#### diesel-hydraulic

diesel engine: CATERPILLAR C3.6 74,5 kW  
2.400 U/m.

emission std.: EU stage V / EPA / CARB  
Tier 4 Final

drive: Oilpumps & oilmotors

tank capacity: 200 l / 20 l AdBlue

#### diesel-electric

emission std.: EC-NRMM Stage III B

drive: Current synchron generator  
& electric motors

tank capacity: 200 l

external power supply possible (depending on  
country specific current / in combination with diesel-  
electric or electric drive)

#### electric

connected load: approx. 50 kVA

### Weight:

approx. 15,000 kg  
(standard equipped machine)

### Pulling device:

drawbar eye Ø 50 mm, according to ISO 1102

### Dimensions:

#### Transportation:

Standard	ext. conveyor belt
length: 10.455 mm	10.658 mm
height: 3.950 mm	3.980 mm
width: 2.550 mm	2.550 mm

#### Operation:

Standard	ext. conveyor belt
length: 12.113 mm	13.568 mm
width: 11.038 mm	11.038 mm
height: 3.950 mm	3.950 mm

### Capacity:

20 – 120 m<sup>3</sup>/hour,  
depending on condition of material,  
mesh size and feeding

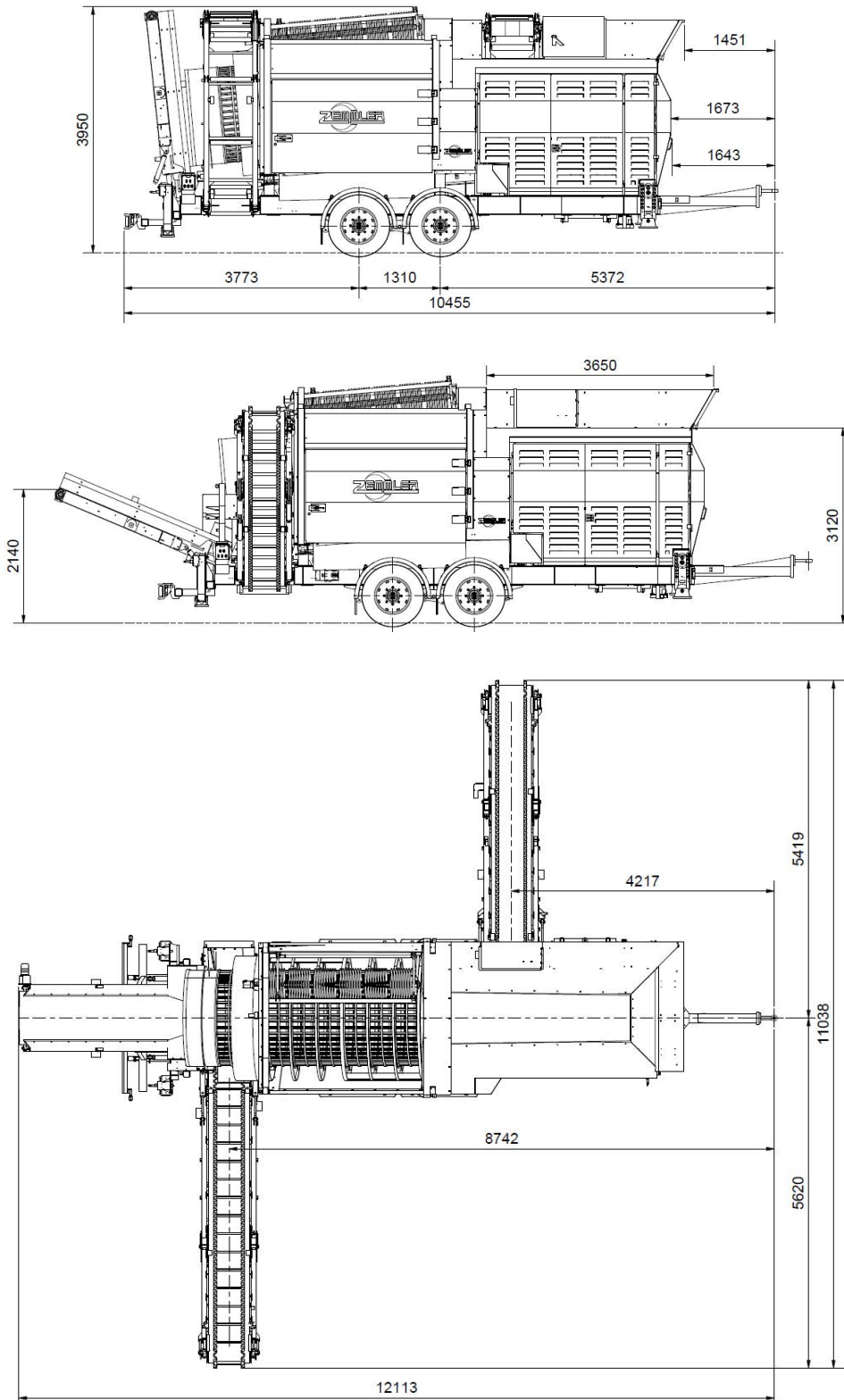
### Colour / Coats:

polyurethane one-coat topcoat	
silo, engine cover and side covers:	RAL 6001 green
chassis, screening drum:	RAL 7022 umbra grey
conveyor belt frame:	hot galvanized



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## DIMENSIONS EXTENDED CONVEYOR BELTS

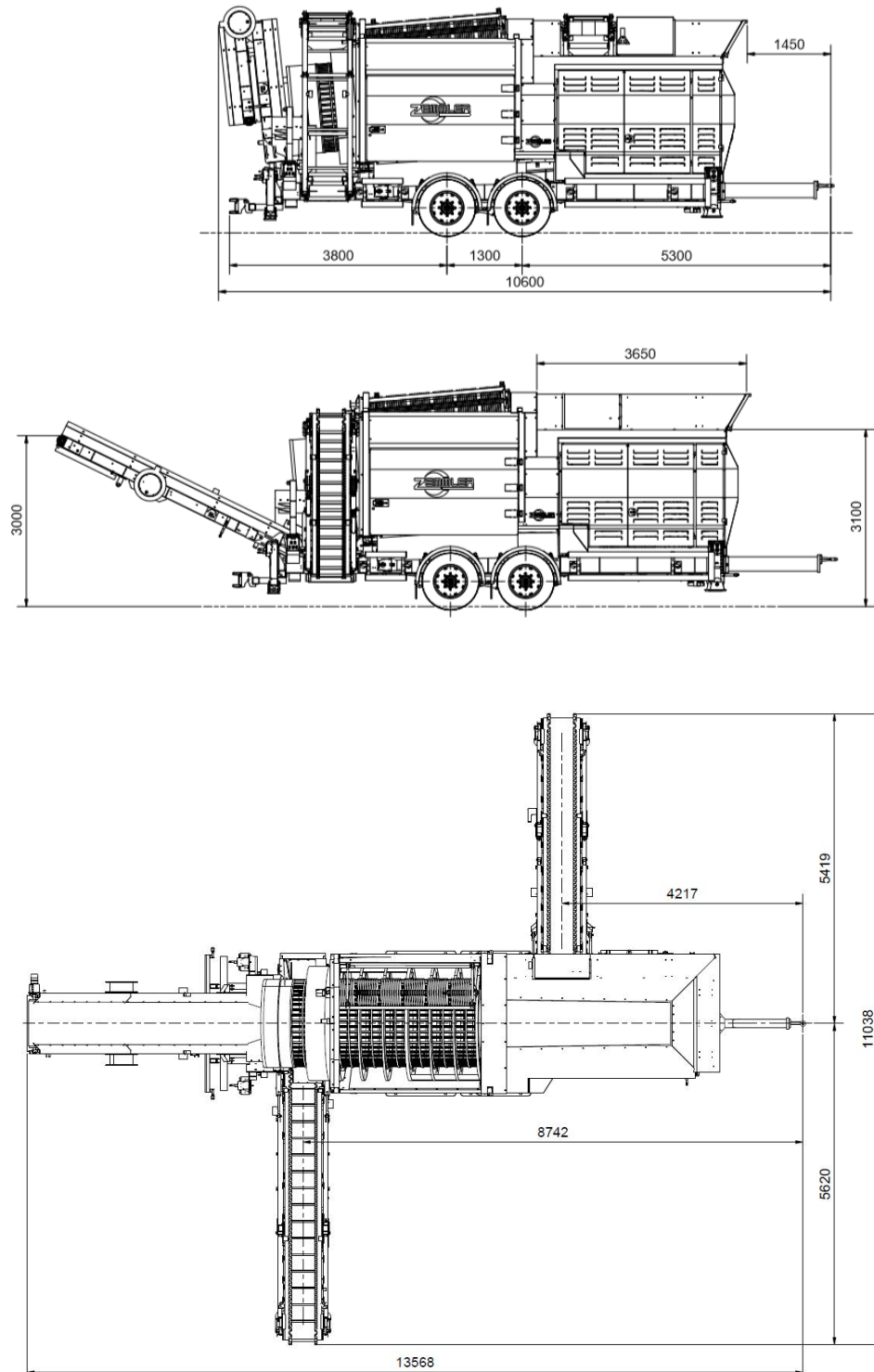






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## DIMENSIONS EXTENDED CONVEYOR BELTS





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