

# MULTI SCREEN® MS 6700



## ON A GREEN MISSION

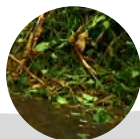
soil



construction waste



green waste



wood chips



sand & gravel



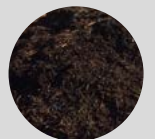
recycling



stones



compost





# MULTI SCREEN® MS 6700

## OPTIONS



Ripped belt for feeder or fine fraction



Special lacquering



Abrasion plates for the feeder



Hydraulic stone grid with slide



Remote control



Hydraulic support feet (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

## ADDITIONAL 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



Additional connector for hydraulic connection



TopSpin PreCleaner



Flood lamps



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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 Gigant  
underrun and side protection  
tires: 4 x 385 / 55 R 22,5  
brake: two circuit compressed air breaks  
with ABS  
Remodeling on 25 km/h- axle possible

### Feeder:

cubage: 5.5 m<sup>3</sup>  
loading height: 3,050 mm  
loading length: 3,700 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: 31.5 m<sup>2</sup>  
outer: 31.4 m<sup>2</sup>  
drum diameter: 1,500 mm (inner)  
drum diameter: 2,000 mm (outer)  
drum length: 6,700 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  
hydraulically foldable  
drop off side: left  
drop off height: approx. 3,410 mm

### Belt beneath double drum, fine fraction

belt width: 1,100 mm

### Conveyor belt middle fraction:

belt width: 650 mm  
hydraulically foldable  
drop off side: right  
drop off height: approx. 2,300 mm (standard)  
approx. 3,385 mm (extended conveyor  
belt)

### Conveyor belt coarse fraction:

belt width: 800 mm  
hydraulically foldable  
drop off side: rear  
drop off height: approx. 3,342 mm  
approx. 2,930 mm

### 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  
1.000mm  
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:



Track drive (standard) (requires remote control Maxi)



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. 18,000 kg

### Pulling device:

drawbar eye Ø 50 mm, according to ISO 1102

**Dimensions:** with ext. conveyor belt

### Transportation:

length: 11,609 mm  
height: 3,994 mm  
width: 2,550 mm

### Service:

length: 14,563 mm  
width: 11,038 mm  
height: 3,976 mm

### Capacity:

50 – 180 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

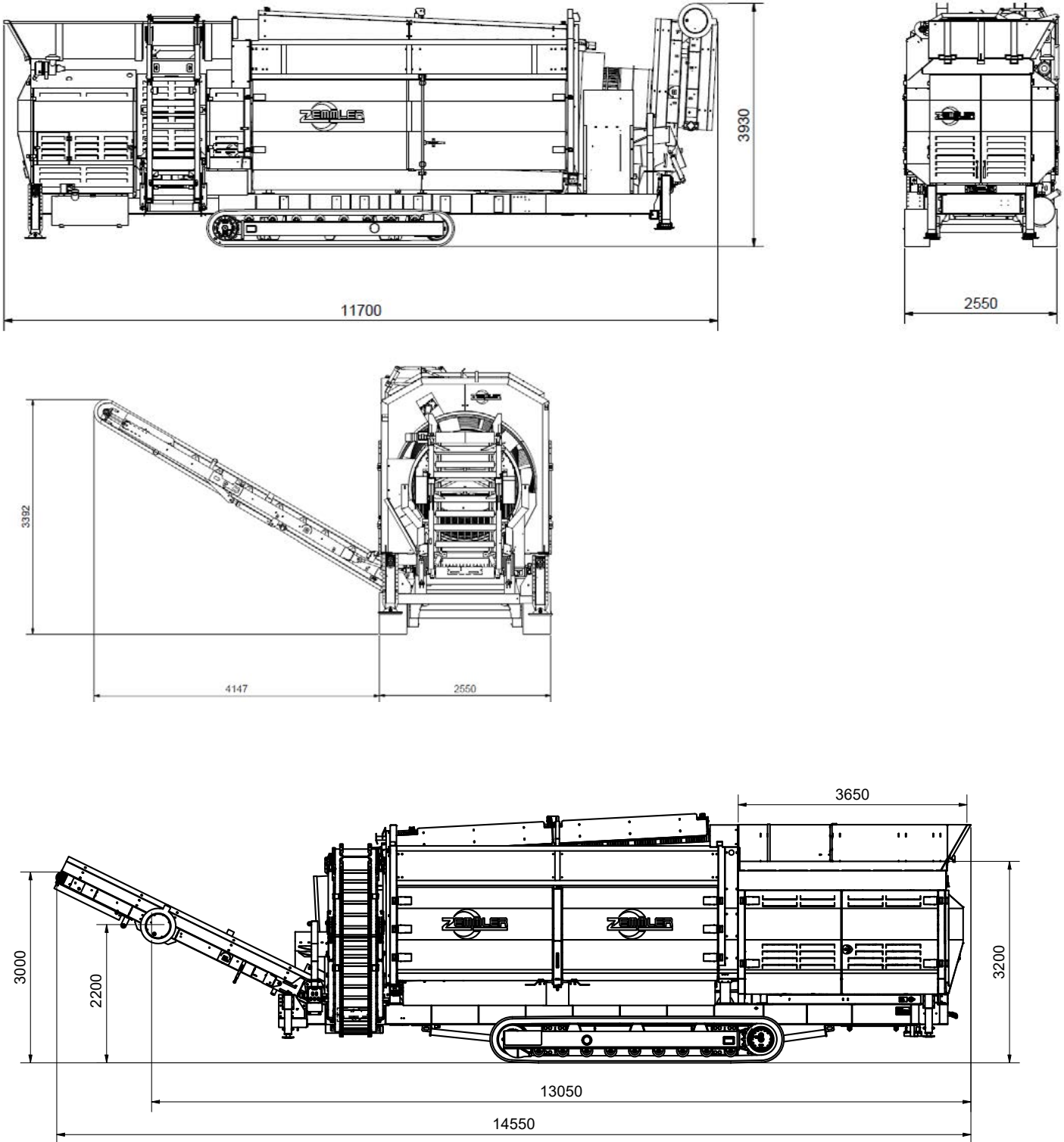


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