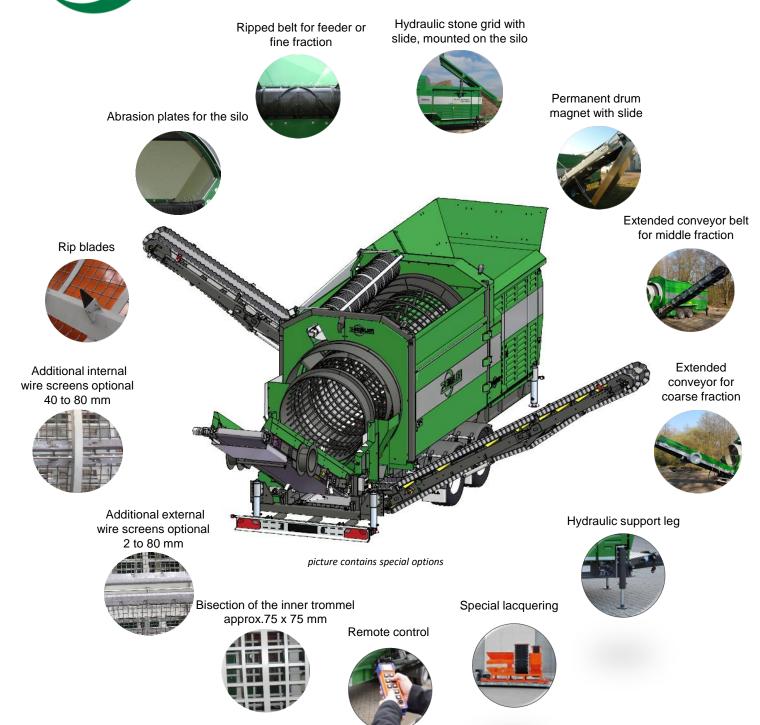


(Version: 03/2020)



#### **Additional options**



different trommels: - conic

- single
- punched
- and more



Gusset shoe (in-company, do not use on public roads)

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

Diesel engine



TopSpin PreCleaner



Flood lamps



Additional connector for powering an additional

conveyor



LED lights



Roof for double trommel and cleaning brush



(Page 2, Version: 03/2020)

#### ZEMMLER MULTI SCREEN® MS 5200 • Technical description 1

Base frame:

longitudinal beam: double T-profile steel,

height approx. 300 mm

chassis: 2 x 9 t Leaf spring axles

product: Gigant

tires: 4 x 385 / 55 R 22,5

brake: two circuit compressed air breaks

with ABS

Remodeling on 25km/h- axle possible

Feeder:

cubage: 5.5 m³ loading height: 3,120 mm loading length: 3,650 mm

Feeding belt:

belt width: 1.000 mm belt length: 3.600 mm

**Double trommel:** 

surface:

inner: 24.5 m<sup>2</sup> outer: 22.1 m<sup>2</sup>

drum diameter: 1,500 mm (inner) drum diameter: 2,000 mm (outer)

drum length: 5,200 mm

Trommeldrive: direct over chain and chain wheel

Mesh sizes:

inner: 80 x 170 mm (standard) outer: exchangeable wire screens,

20 x 20 mm

Cleaning brush:

diameter: 500 mm, with own drive

Conveyor belt fine fraction:

belt width: 650 mm belt length: 6,500 mm

mechanic fold-away

drop off side: left drop off height: 3,410 mm

Haul-off belt beneath double drum, Fine fraction

belt width: 1,100 mm belt length: 5,000 mm

Conveyor belt middle fraction:

belt width: 650 mm

belt length:: 5,000 mm (standard)

7,000 mm (extended conveyor belt)

mechanic fold-away

drop off side: right

drop off height: 2,300 mm (standard)

3,385 mm (extended conveyor belt)

Conveyor belt coarse fraction:

belt width: 800 mm

belt length: 3,000 mm (standard)

4,500 mm (extended conveyor belt)

hydraulisch klappbar

drop off side: rear

drop off height: 2,140 mm (standard)

3,010 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 with grain size 2 - 80 mm

3 fractions:

fine fraction: 2 - 80 mm, on demand

(standard screen size: 20 x 20 mm)

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 4.500x1.000mm

Single trommel, omission of middle product, widened & extended conveyor of coarse product 4.500x1.000mm)



construction waste



green waste



wood chips



sand & gravel



recycling



stones



compost



(Page 3, Version: 03/2020)

#### ZEMMLER MULTI SCREEN® MS 5200 • Technical description 2

**Chassis options:** 



On wheels (standard)



Track drive (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 I / 20 I AdBlue

Diesel-elektric

Emission std.: EC-NRMM Stage III A
Drive: Current synchron generator

& electric motors

Tank capacity: 200 l

external power supplypossible (depending on country specific current / in combination with Diesel-Electric or

Electric-Drive)

elektric

connected load: approx. 50 KVA

Weight: approx. 16,000 kg

(standard equipped machine)

Hitch:

standard: drawbar eye Ø 50 mm,

according to ISO 1102

**Dimensions:** 

 Transportation:
 Standard
 ext. conveyor belt

 length:
 11,451 mm
 11,609 mm

 height:
 3,976 mm
 3,994 mm

 width:
 2,550 mm
 2,550 mm

 Service:
 Standard
 ext. conveyor belt

 length:
 13,109 mm
 14,563 mm

 width:
 11,038 mm
 11,038 mm

 height:
 3,976 mm
 3,976 mm

Capacity:  $20 - 120 \text{ m}^3/\text{hour}$ ,

depending on condition of material,

mesh size and feeding

Colour / Coats:

2K 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



construction waste



green waste



wood chips



sand & gravel



recycling



stones

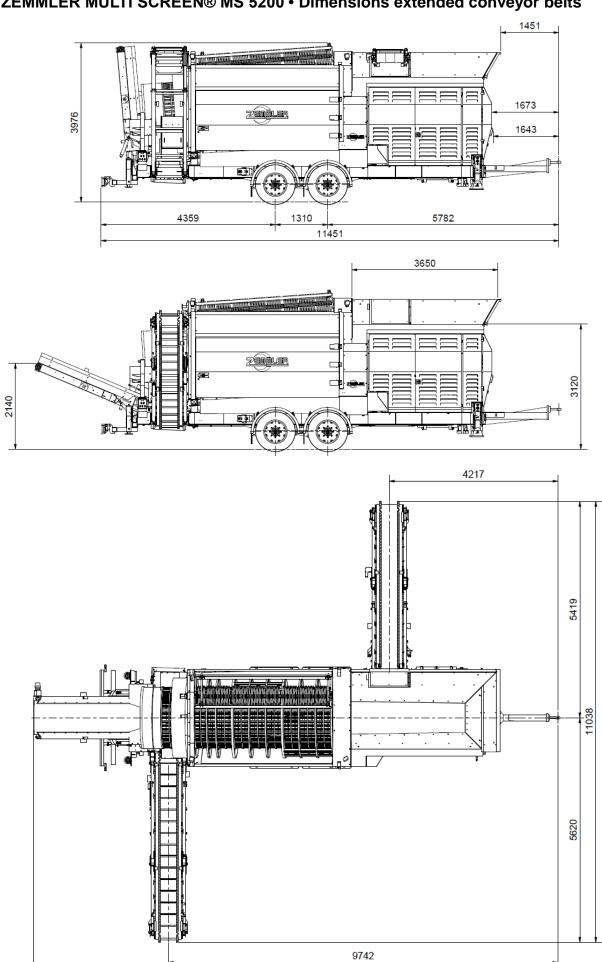


compost



(Page 4, Version: 03/2020)

### ZEMMLER MULTI SCREEN® MS 5200 • Dimensions extended conveyor belts



13109

Further distribution and any kind of publication is permitted only with written approval of the Zemmler Siebanlagen GmbH. All details are subject to technical modifications and future developments.



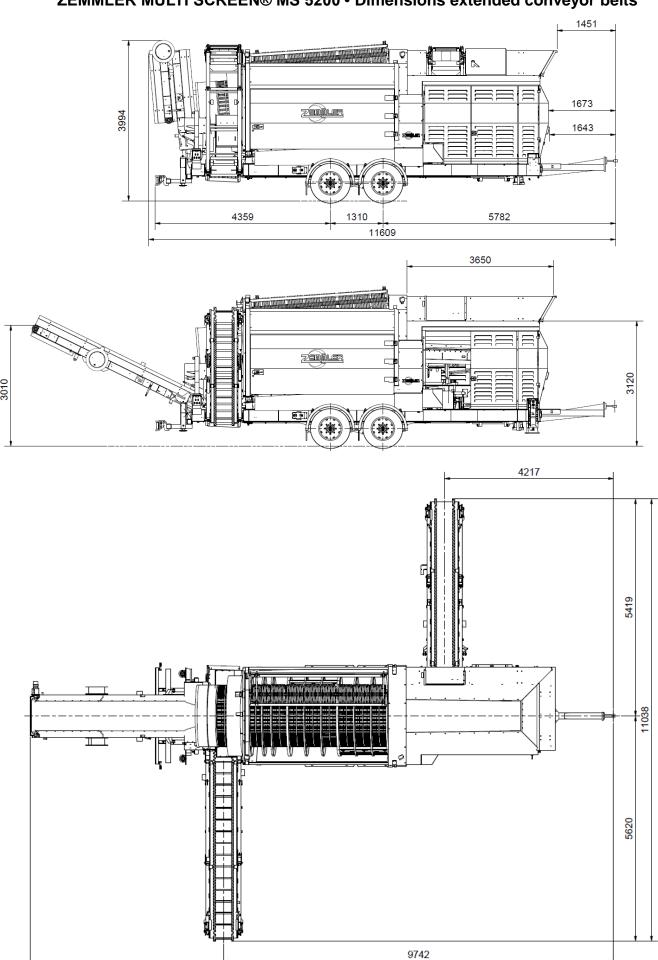
Further distribution and any kind of publication is permitted only with written approval of the Zemmler Siebanlagen GmbH.

All details are subject to technical modifications and future developments.

## **MULTI SCREEN® M55200**

(Page 5, Version: 03/2020)

### ZEMMLER MULTI SCREEN® MS 5200 • Dimensions extended conveyor belts



14563



(Page 6, Version: 03/2020)

#### ZEMMLER MULTI SCREEN® MS 5200 • Dimensions extended conveyor belts

