

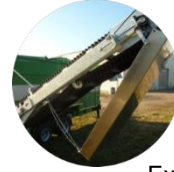
Ripped belt for feeder or fine fraction



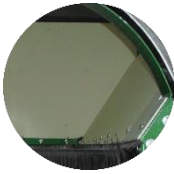
Hydraulic stone grid with slide, mounted on the silo



Permanent drum magnet with slide



Abrasion plates for the silo



Extended conveyor belt for middle fraction



Rip blades



Extended conveyor for coarse fraction



Remote control



Additional internal wire screens optional 40 to 80 mm



picture contains special options

Hydraulic support leg



Additional external wire screens optional 2 to 80 mm



Bisection of the inner trommel approx. 75 x 75 mm



Special lacquering



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



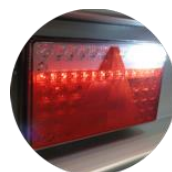
TopSpin PreCleaner



Flood lamps



Additional connector for powering an additional conveyor



LED lights



Roof for double trommel and cleaning brush

ZEMMLER MULTI SCREEN® MS 4200 • 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: 15.7 m²
 outer: 16.0 m²
 drum diameter: 1,500 mm (inner)
 drum diameter: 2,000 mm (outer)
 drum length: 4,200 mm
 Trommel drive: 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: 3,500 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



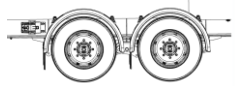
compost

All details are subject to technical modifications and future developments.

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ZEMMLER MULTI SCREEN® MS 4200 • Technical description 2

Chassis options:



On wheels (standard)



Track drive
(requires remote control Maxi)



On skids

Weight: approx. 15,000 kg
(standard equipped machine)

Hitch:
standard: drawbar eye Ø 50 mm,
according to ISO 1102

Dimensions:

Transportation:	<u>Standard</u>	<u>ext. conveyor belt</u>
length:	10,455 mm	10,658 mm
height:	3,950 mm	3,980 mm
width:	2,550 mm	2,550 mm

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

Service:	<u>Standard</u>	<u>ext. conveyor belt</u>
length:	12,113 mm	13,568 mm
width:	11,038 mm	11,038 mm
height:	3,950 mm	3,950 mm

Capacity: 20 – 120 m³/hour,
depending on condition of material,
mesh size and feeding

Diesel-elektric

Emission std.: EC-NRMM Stage III A
Drive: Current synchron generator
& electric motors
Tank capacity: 200 l

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

external power supply possible (depending on country
specific current / in combination with Diesel-Electric or
Electric-Drive)

elektric

connected load: approx. 50 KVA



construction
waste



green waste



wood chips



sand & gravel



recycling



stones



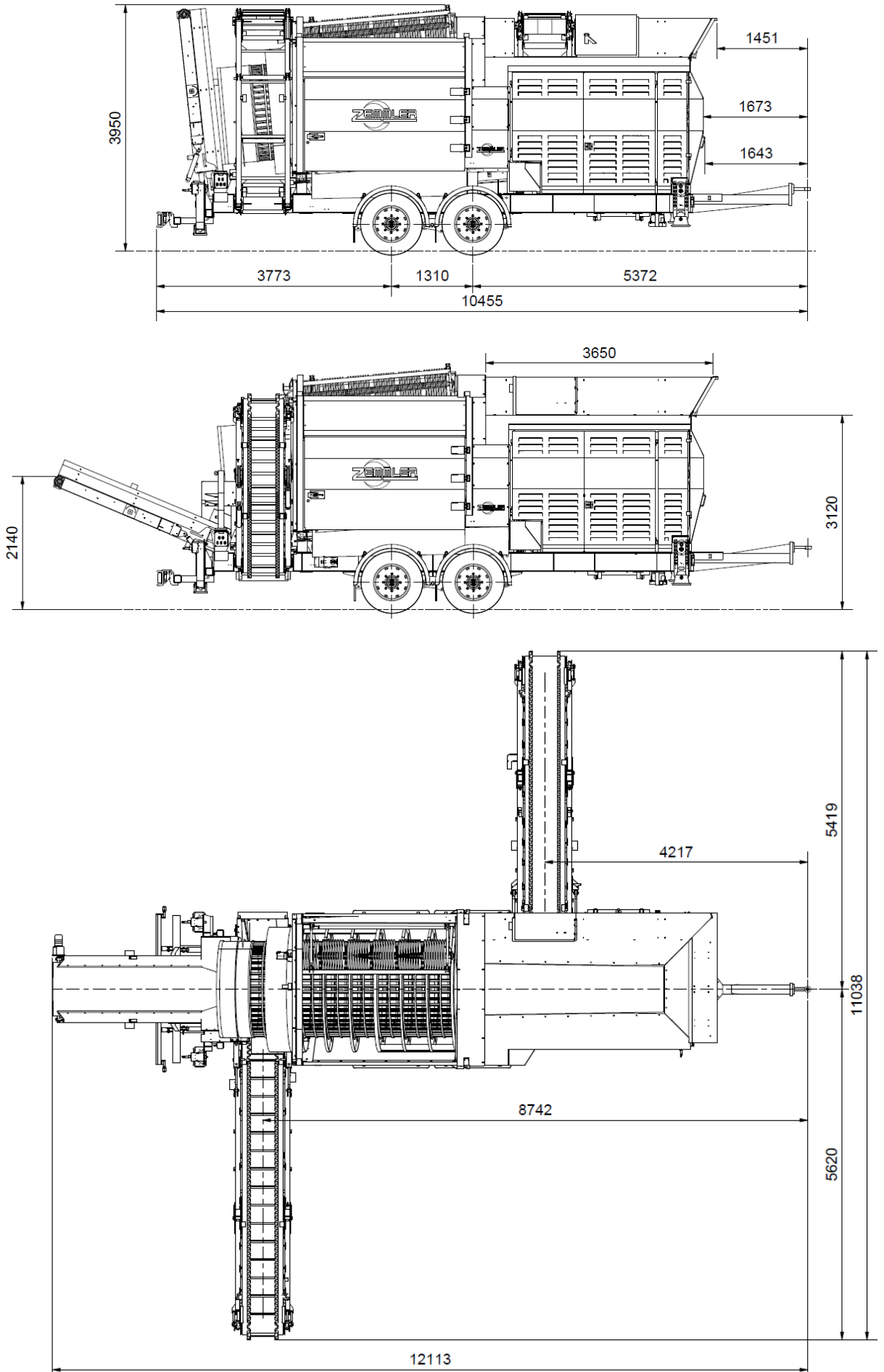
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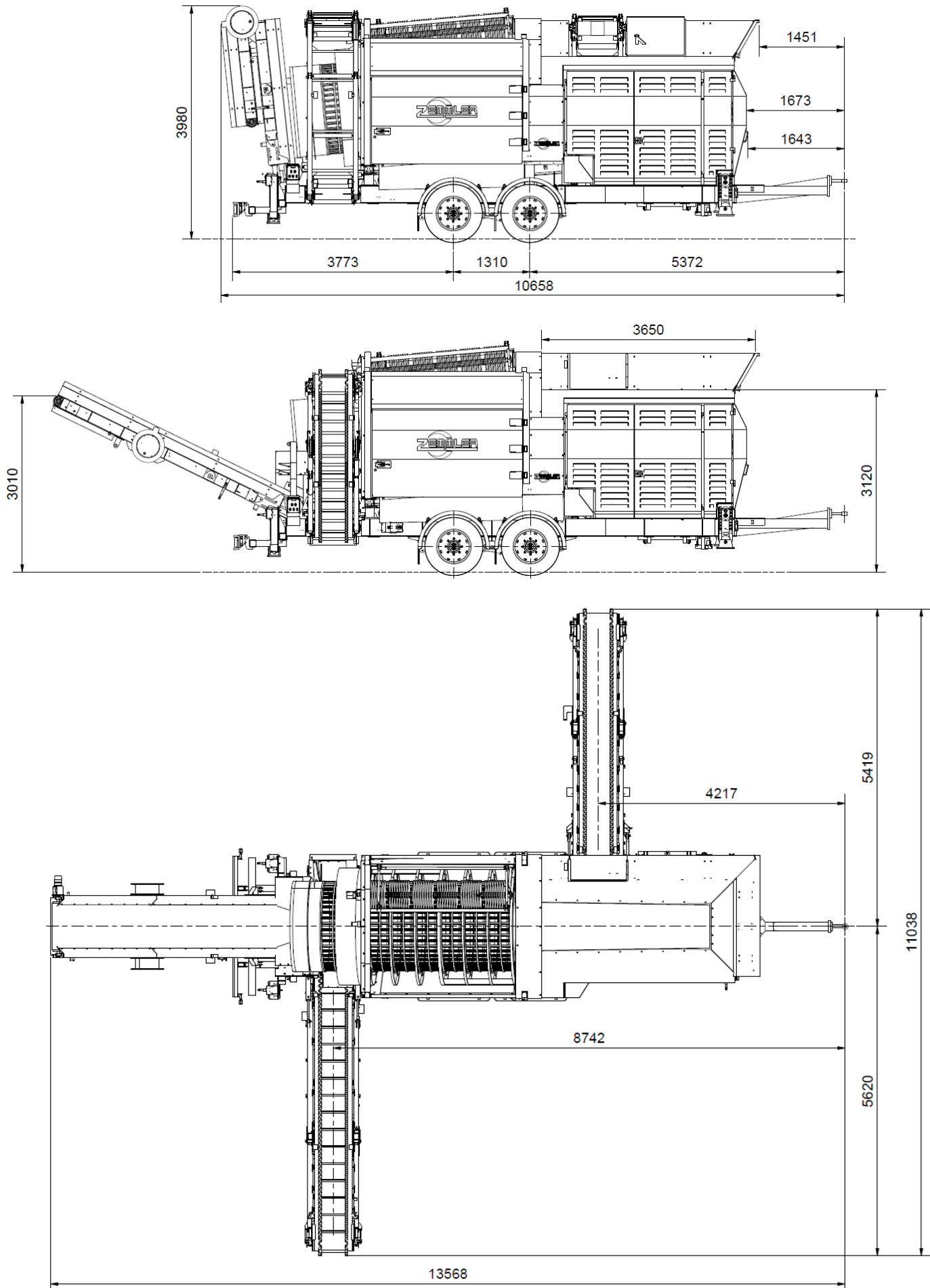
ZEMMLER MULTI SCREEN® MS 4200 • Dimensions extended conveyor belts

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