ZEMMLER®

MULTI SCREEN® MS1600

(Version: 01/2020)

Ripped belt for feeder or fine fraction
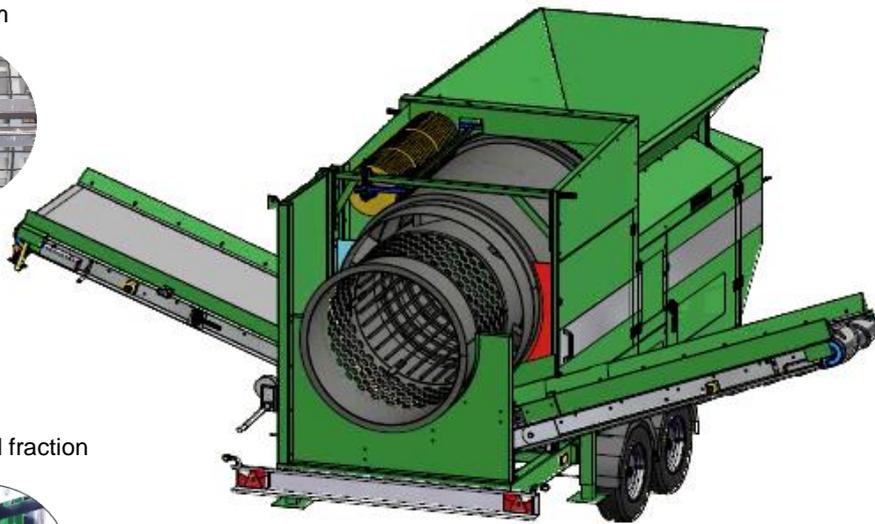
Bisection of the inner trommel approx. 75 x 75 mm

Extension for Silo

Additional internal wire screens optional 40 to 80 mm

Foldable hopper walls

Chute for 3rd fraction

Illustration contains special options

Remote control

Extension for 3rd fraction; punched Ø 40 / Ø 50 mm or not-punched

Additional external wire screens optional 2 to 80 mm

Additional options

Remodeling on skids

Remodeling to hook lift

Additional drawbar eye

Petrol power generator 10,0 kVA

Diesel power generator 11,0 kVA

ZEMMLER MULTI SCREEN® MS 1600 •   Technical description 1

Base frame:
longitudinal beam: hollow profile, height 160 mm
chassis: 2 x 1.8 t air suspension
product: Knott
tires: 4 x 185 R 14C
rim: 4 x 5 ½ J
brake: drum break, overrunbraked

Feeder:
cubage: appr.1.85 m³
loading height: 2,230 mm
loading length: 2,450 mm

Feeding belt:
belt width: 800 mm
belt length: 2,600 mm

Double trommel:
surface:
inner: 5.2 m²
outer: 6.5 m²
drum diameter: 1,000 mm (inner)
drum diameter: 1,300 mm (outer)
drum length: 1,740/ 2,640 mm

Trommeldrive: direct over chain and chain wheel

Mesh sizes:
inner: 75 x 170 mm (standard)
outer: optional - exchangeable wire screens
                  2 - 80 mm

Cleaning brush:
diameter: 350 mm, with own drive

Conveyor belt fine fraction:
belt width: 1,000 mm
belt length: 3,570 mm
drop off side: left
drop off height: 1,740 mm

Conveyor belt middle / coarse fraction:
belt width: 600 mm
belt length: 3,750 mm
                  mechanic fold-away
drop off side: right
drop off height: 1,750 mm

Haul-off belt beneath double drum, Fine fraction
belt width: 800 mm
belt length: 4,500 mm

2 fractions:
fine fraction: 2 - 80 mm, on demand
coarse fraction: ex 170 mm (standard)
3rd fraction: optional by extension

Screen material:
sand, saw dust, wood chips, compost,
construction waste and recycling materials,
stones and gravel sand with grain size 2 - 80 mm

construction waste   *green waste*   *wood chips*   *sand & gravel*   *recycling*   *stones*   *compost*

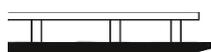## ZEMMLER MULTI SCREEN® MS 1600 • Technical description 2

Chassis options:

On wheels (standard)

Track drive
(requires remote control Maxi)

On skids

Hook lift

Power:
elektric drive, 16A
approx. 7.05 kW / 8.8 kVA (standard)
*optional Petrol-power-generator or
Diesel-power-generator
(not included in the basic price)*

Weight: approx. 3,500 kg
(standard equipped machine)

Hitch: height adjustable up to 900 mm,
and changeable between trailer hitch ball
Ø 50 mm according to ISO 24347 and
drawbar eye Ø 40 mm or Ø 50 mm
according to ISO 8755

Dimensions:
Transportation:

length:	6,312 – 6,480 mm
width:	2,192 mm
height:	3,210mm

Service:

length:	6,312 – 6,480 mm
width:	6,130 mm
height:	2,230 mm

Capacity: 5 - 30 m³/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
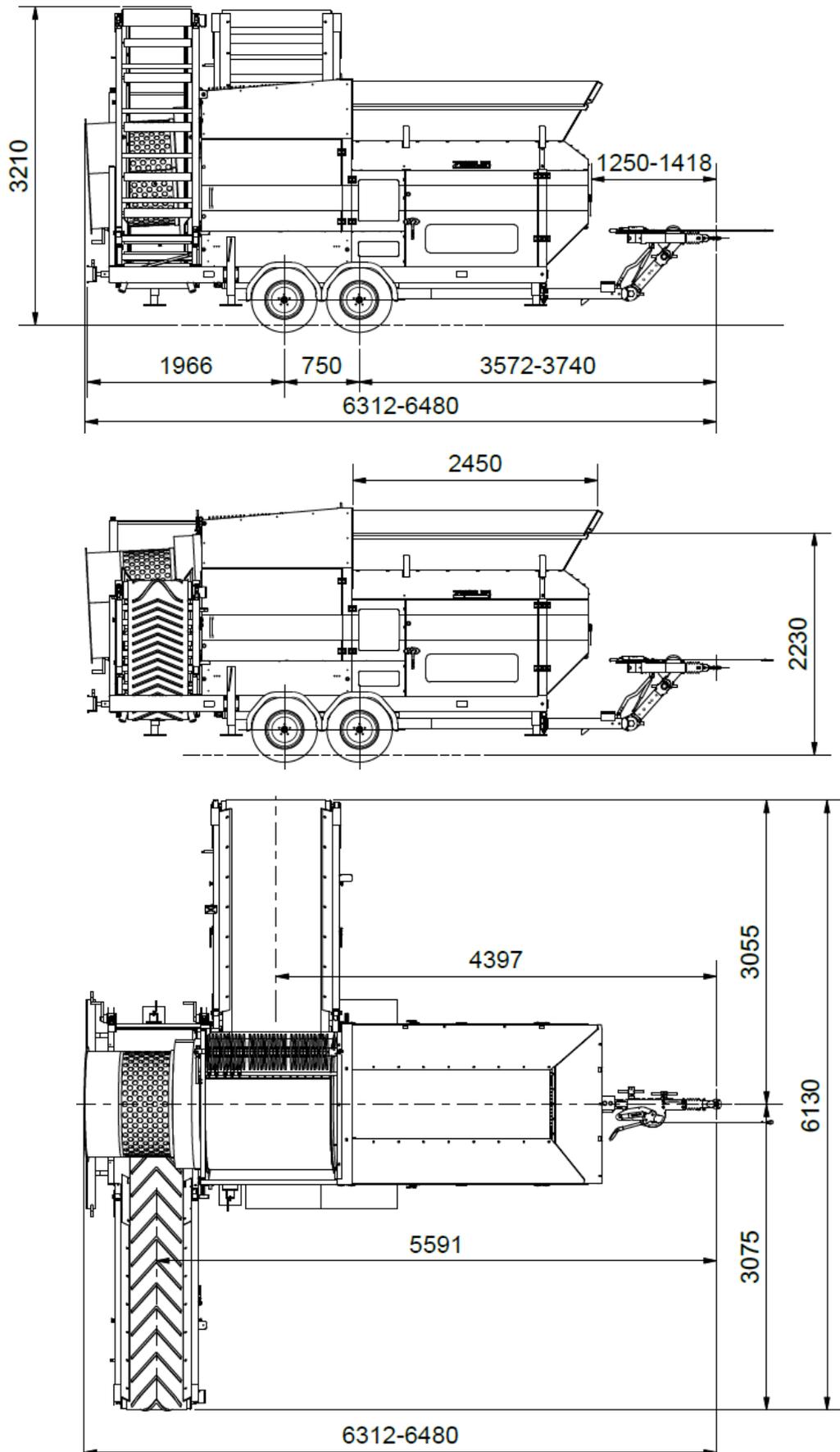waste*   *green waste*   *wood chips*   *sand & gravel*   *recycling*   *stones*   *compost*

ZEMMLER MULTI SCREEN® MS 1600 • Dimensions Standard equipped

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