



Mobile screening unit **RESTA TH3 1600 x 4000/3**



It processes:

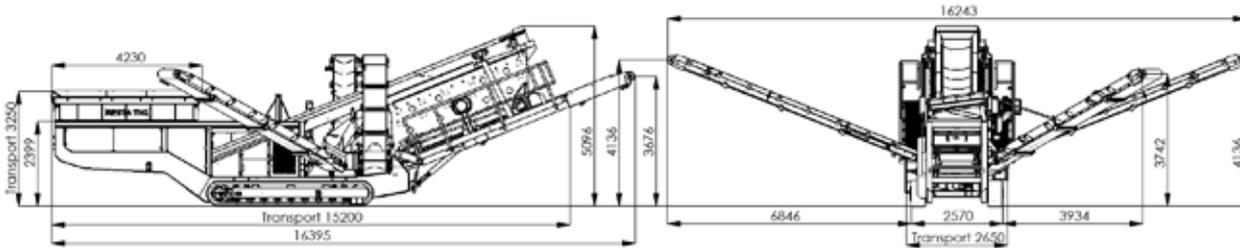
- natural aggregate, gravel, sand
- building waste, crushed concrete, spoil
- coal, slag

- inlet: max. 900 mm
- outlet: 4 fractions – according to the screen mesh + oversize fraction
- output: 150-270 t/h (according to the screen mesh and material kind)
- hmotnost: 28,5 t

High mobility, easy attendance, robust structure, low operating costs, possibility of connection to distribution power network, fast and available service.

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Mobile screening unit RESTA TH3 1600 x 4000/3



❑ RESTA TH3 1600 x 4000/3

It is used for screening building waste and natural materials into 4 fractions. Material for screening is supplied to a hopper with a bar grate by means of a wheel loader or by an excavator. The material that fell through the bar grate is dosed to the screener by means of feeder and belt conveyor. The screened fractions pass through chutes onto 4 belt conveyors and further on storage. A mobile line can be built of the screening unit RESTA TH3 and crushing units RESTA.

❑ Hopper with a coarse screen:

It is a sturdy steel welded structure, volume 7 m³, hydraulically tilting bar grate with 105 mm slot, remote controlled. During the screener loading directly from crusher the part of hopper can be shift aside. This way the transfer edge is cut. On the hopper, there is situated a mechanical inhibitor.

❑ Belt feeder with staging belt:

Width of belt feeder 800 mm, driven by electric motor with a bevel-spur gearbox, continuous regulation of feeding speed, rubbered driving drum.

Width of staging belt is 1 000 mm, driven by electric drum, rubbered driving drum.

❑ Screener 1600 x 4000/3

Vibrating, three-deck screener with a circular movement of screening decks. The dimensions of screening deck is 1 600 x 4 000 mm. The screener is driven by an

eccentric shaft which is driven by electric motor. Option of inclination from 18° to 22°. The deck tensioning is transversal.

Range of screen mesh from od 4 mm to 70 mm.

❑ Product belt conveyors:

Oversize and medium size:

Width 650 mm, V-shaped belt, driven by rubbered electric drum, hydraulically tilted for transport.

Undersize:

Width 1 200 mm, smooth belt, driven by rubbered electric drum, hydraulically tilted for transport.

❑ Drive:

There is a built-in genset CAT 65 kVA. The unit can be powered from network 3 x 400 V, 50 Hz.

❑ Hydraulics:

Hydraulic system serves as a drive for tracked undercarriage, for tilting of belt conveyors and screener to transport position.

❑ Undercarriage:

Tracked, travel speed is continuously adjustable by means of a joystick from 0 to 0.9 km/h. Radio remote control.

❑ Optional equipment:

Electronic belt scale, remote data transmission, magnetic separator.



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