



## Mobile screening unit **RESTA TH2 1600x4000**



### **It processes:**

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



**inlet:** max. 900 mm

**outlet:** 3 fractions – according to the screen mesh + overgrate fraction

**output:** 150 - 270 t/h – according to the screen mesh and material kind

**weight:** 25 t

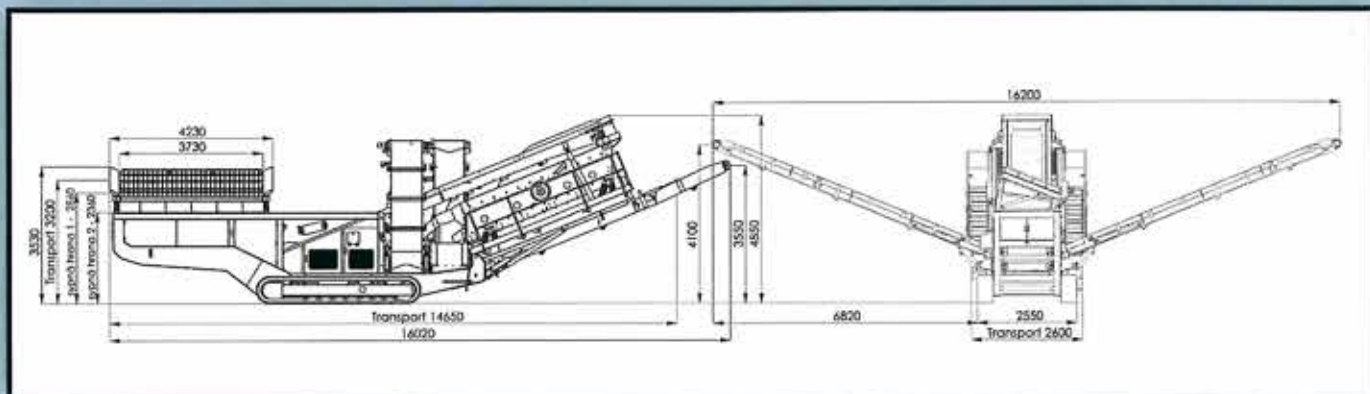
**High mobility, easy attendance, robust structure,  
cheap operation, fast and available service**



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# Mobile screening unit RESTA TH2 1600x4000



## Unit RESTA TH2 1600x4000:

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. 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 3 belt conveyors and further on storage. A mobile line can be built of the screening unit RESTA TH2 1600x4000 and crushing units RESTA.

## Hopper with a coarse screen:

It is a sturdy steel welded structure, volume 7 m<sup>3</sup>, 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. The transfer edge is cut by this way. Hydraulic inhibitor is situated on hopper exit.

## Belt feeder with staging belt:

Width 1000 mm, driven by hydraulic motor, continuous control of speed, rubbered driving drum.

## Screener 1600x4000/2:

Vibrating, two-deck screen with a circular movement of screening decks. The dimension of screening decks is 1600x4000 mm.

The screener is driven by an eccentric shaft which is driven by hydraulic motor. Continuous regulation of frequency, option of inclination from 18° to 20°, option of screen tensing. Range of screen mesh is from 4 mm to 70 mm.

## Product belt conveyors:

### Override and intersize:

Width 800 mm, V – shaped belt, driven by hydraulic motor, rubbered driving drum, tilted hydraulically for transport.

### Undersize:

Width 1000 mm, smooth belt, driven

by hydraulic motor, rubbered driving drum, tilted hydraulically for transport.

## Drive:

There is a diesel motor Caterpillar C 4.4 97 kW built-in, with hydraulic generator.

## Hydraulics:

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

## Undercarriage:

Tracks INTERTRACTOR B3HD, the speed of tracks is continuously optional by a joystick from 0,6 to 1,5 km/h. Radio remote control.

## Optional equipment:

Electronic belt weighing machine, remote data transmission, magnetic separator.



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