



## MOBILE CRUSHING UNIT RESTA CH3 1100x750 ON TRACKED UNDERCARRIAGE



### IT PROCESSES:

- ❑ natural aggregate up to strength of 300 MPa
- ❑ concrete, reinforced concrete
- ❑ brick debris, bituminous blocks



inlet: max. piece 1000 x 800 x 650 mm  
outlet: min. 0 – 63 mm, max. 0 – 220 mm (according to the crusher slot adjusted)  
output: 90 -250 t/h (according to the crusher slot adjusted and material kind)  
weight: 45 t

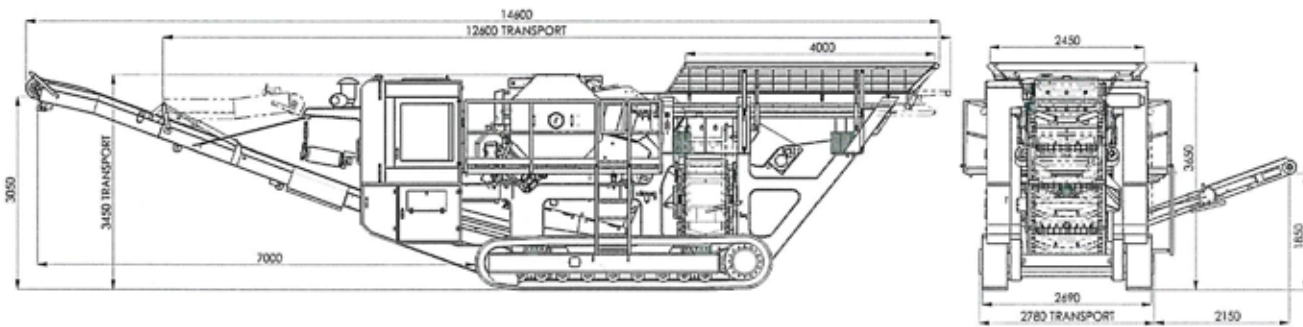
High mobility, easy attendance, robust structure, cheap operation, fast and available service



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## Unit RESTA CH3 1100x750:

It is used for crushing of natural aggregate and building debris. Material to be crushed is supplied to a hopper by an excavator or by a wheel loader. The material is dosed from the hopper to the crusher by a feeder. The crushed material is discharged by means of a belt conveyor on the storage or possibly to a screening device.

## Hopper:

Robust welded steel structure, non-piled volume 6 m<sup>3</sup>, both sides and back face are hydraulically hinged, min. height of transfer edge 3650 mm, width of transfer edge 4000 mm, hopper is armoured with HARDOX.

## Feeder:

Vibrating feeder 1050 x 4000 mm with hydraulic exciter, pre-screening cascade grate with 50 mm slot, continuous regulation of feeding, automatic regulation of feeding according to crusher loading, radio remote control (start-stop), armoured with HARDOX, manganese plates.

## Crusher:

It is an efficient single-toggle jaw crusher with the inlet opening 1100x750 mm, reversible jaws, continuous hydraulic slot adjustment, possibility of crusher opening during the caving, possibility of reversing of crusher operation, the crusher is driven by hydraulic motor. The crusher is armoured with HARDOX.

## Product belt conveyor:

Width 1000 mm, hydraulic drive, tilted hydraulically for transport.

## Drive:

It is built-in drive Diesel motor CAT C 9, 250 kW at 2200 rpm, with the system of electronic control of a compression ignition motor ADEM III and fuel system HEUI. The hydraulic generators are placed directly on Diesel motor.

## Hydraulics:

The crusher – independent hydraulically close circle, hydraulically controlled hydraulic generator with possibility of reversing. The belt conveyors, magnetic separator, feeder – independent hydraulic circle. The installation hydraulics with hand controlled valves.

## Operator stand:

It is a spacious walkway with a grate platform and railings, tilted hydraulically for transport.

## Undercarriage:

Tracks INTERTRACTOR B6, hydraulics DANFOSS, track travel speed is continuously adjustable by means of joystick from 0 to 1,1 km/h. Radio remote control.

## Sprinkling:

3 stationary sprinkling places – on the crusher input and output, dune of product belt conveyor, filter, distributions, valves for water pressure from 3 to 10 bar.

## Optional equipment:

Magnetic separator, belt conveyor of pre-screening, electronic belt weighing machine, remote data transmission, automatic central crusher lubrication, hydraulic wrecking hammer, evidence of oil consumption, electric central 400 V/230 V, 5 kW.



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