

Crushing unit DCS-40 P4



Application:

Crushing unit DCS-40 P3 container design, when the frame of the crusher is placed on the container supporting frame. The container design, in addition to an easier method of transportation using vehicles modified for the transportation of CTS series containers, also offers the possibility of moving on a paved surface using construction machines on built-in rollers.

The crushing unit is designed for crushing non-sticky, medium-hard or hard construction rubble, construction waste, concrete or less abrasive natural materials such as limestone, sandstone or similar materials with a compressive strength of up to 200 MPa.

The material to be crushed is transported by a loader into the hopper. The hopper is equipped with a feeder with vibrators.

The crusher is single-braced with jaws with abrasion-resistant lining, it is equipped with hydraulic adjustment of the crusher outlet opening.

The belt conveyor has a belt width of 650 mm.



Technical specifications:

Crusher performance	10–40 t/h
Maximum crushed stone strength	200 MPa
Input hole	700 mm x 500 mm
Output hole	20–110 mm
Max. input material fragment size	500 mm x 400 mm
Flywheel speed	290 rpm
Total weight	12 600 Kg
Total input	44 kW
Crusher dimensions (length x width x height)	8,7 m x 2,4m x 3,8 m
Dimensions of crusher with conveyor retracted and platform removed (length x width x height)	6,7 m x 2,4 m x 2,65 m
Hopper dimensions and volume	1,1m x 2,5m / 2 m ³
Hopper edge height from ground with tilted sidewalls and removed platform	2,65 m
Metal separator	Possibility of installation – accessories
Belt scale	Possibility of installation – accessories
Crusher motor power	37 kW
Conveyor width	650 mm
Belt speed	1 m/s

Possibility of additional equipment - as an example of the image with a **metal separator**.

Magnetic separator , Belt scale , Rotary conveyor , Fraction sorter , Conveyors