

## Crushing unit DCS-40 – diesel P5



### **Application:**

The DCS-40 diesel P5 crushing unit has a container design with retractable conveyor, where the crusher frame is located on the container bearing frame. The container design in addition to an easier way of transportation with the help of vehicles modified for the transportation of containers of the CTS line, also offers the possibility of moving on a paved surface using construction machinery on built-in rollers.

The crusher is equipped with an IVECO diesel generator – or it can be fitted with another type at the customer's request.

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

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

The crushing unit is a single-strut crusher with abrasion-resistant lined jaws, equipped with hydraulic positioning of the output opening of the crusher.

The retractable 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 rpn
Total weight	15 000 Kg
Total input	44 kW
Crusher dimensions (length x width x height)	9,2 m x 2,54 m x 3,82 m
Dimensions of crusher with conveyor retracted and platform removed (length x width x height)	7,6 m x 2,54 m x 2,65 m
Hopper dimensions and volume	1,1m x 2,5m / 2 m <sup>3</sup>
Hopper edge height from ground with tilted sidewalls and removed platform	2,65 m
Diesel generator type	FOGO IVECO FDG 80 IS- Standart
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

