

Roller crushers DVU

CRUSHING



Crusher DVU 630x1500 in the manufacturing plant



Crusher DVU 630x1500 – fertilizer crushing 25t/h

Roller crushers

Roller crushers DVU are used for crushing of soft materials such as lime, slag from power plant boilers, coal and possibly for crushing of materials in the chemical industry. The crushers are usually adapted for processing materials of temperatures up to 80°C. The

material supplied is pulled in and crushed between rollers. The crushing area (crushing rollers) may be adapted both for coarse (toothed rollers) and for fine crushing (smooth rollers). The inlet material size is regulated by changing a slot between rollers.

Main operating properties are:

- rugged construction
- high operating reliability
- variability of roller surfaces (smooth or toothed)
- great scope of adjustment of the crushing slot
- mechanical protection against overloading
- service of crushing rollers from the crusher side
- easy maintenance

Optional equipment:

- automatic lubrication system
- seating on the flexible frame
- positioning on the travelling carriage
- design for processing of aggressive materials
- design for processing of materials of high temperature
- scrapers of rollers when sticky materials are crushed (just smooth rollers)

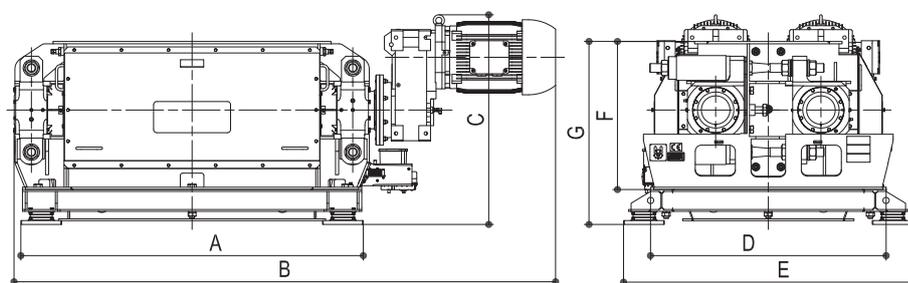
Main parameters

Type	Inlet opening size mm	Max. inlet piece* mm	Capacity** t/h	EI. motor kW
DVU 0405	520x504	400	0-20	2 x 7,5-15
DVU 0410	520x1004	400	0-40	2 x 9-22
DVU 0415	520x1504	400	0-60	2 x 11-30
DVU 0605	750x504	500	0-50	2 x 11-30
DVU 0610	750x1004	600	0-100	2 x 15-37
DVU 0615	750x1504	600	0-150	2 x 22-45

* when crushing with toothed rollers; when crushing with smooth rollers, max. inlet piece is approx. 5-times bigger than the slot adjusted

** real capacity depends on properties of the crushed material, roller surface (smooth or toothed), slot adjusted between rollers and other factors

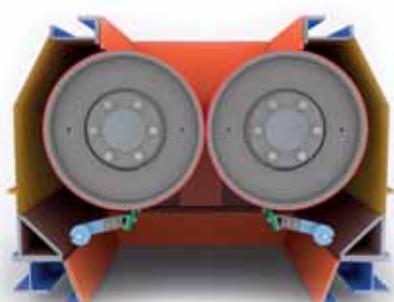
Main dimensions



Type	A mm	B mm	C mm	D mm	E mm	F mm	G mm
DVU 0405	800	2200	900	940	1300	750	950
DVU 0410	1300	2750	930	940	1300	750	950
DVU 0415	1800	3300	950	940	1300	750	950
DVU 0605	1180	2300	1200	1500	1843	950	1174
DVU 0610	1680	2900	1280	1500	1843	950	1174
DVU 0615	2180	3450	1345	1500	1843	950	1174



Cut through the crusher DVU for coarse crushing



Cut through the crusher DVU for fine crushing