

Roller crushers DVZ and DVR

Roller crushers

Roller crushers DVZ and DVR are used especially for crushing of slag from power plant or heating plant boilers. Crushers DVZ and DVR are installed directly behind the slag discharger under the boiler. The crusher design is adapted for wet as well as dry

Main operating properties are:

- high operating reliability
- low cost for operation and maintenance
- easy operation and maintenance

Description of crushers:

Crushers DVZ are roller toothed crushers for primary crushing of slag of the inlet size up to 30 mm. Their crushing area consists of two toothed rollers rotating against each other and crushing material.

Crushers DVR are roller crushers with smooth or grooved rollers. They are used for fine crushing of soft materials of inlet size up to 5 mm. The material supplied to the crusher is crushed between two rollers rotating against each other.

processing of slag. Crushers DVZ and DVR can work in the humid and dusty environment. They can be used even for crushing of coal, burnt lime and other soft materials. Crushers may be adapted for processing of materials of temperatures up to 150°C.

- long service life of main crushing segments
- high specific capacity
- low construction height of crushers

Crushers DVZ and DVR incl. the drive may be positioned on a travelling carriage used for moving the crusher out of the working position in servicing the crusher.

The crusher is electronically protected against overloading when an uncrushable piece gets in.

The crusher may be equipped with a safety coupling or automatic lubrication system.

CRUSHING



Crusher DVZ 30 - lime crushing 25t/h



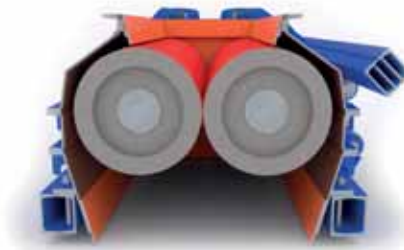
Crusher DVR 18 – slag crushing 12t/h



Crusher DVR 10 – coal crushing 10t/h



Cut through the crusher DVZ



Cut through the crusher DVR

Main parameters

Type	Inlet opening size	Building height	Max. inlet piece	Capacity	El. motor
	mm	mm	mm	t/h	kW
DVZ 18	600x760	870	400	0-23	11
DVZ 30	600x1004	870	400	0-38	22-30
DVZ 50	600x1500	870	500	0-55	30-37
	mm	mm	mm	t/h	kW
DVR 10	410x698	638	50*	0-12	2x9,2
DVR 18	410x996	638	50*	0-22	2x15

* max. size of the inlet piece depends on the size of the slot adjusted between rollers