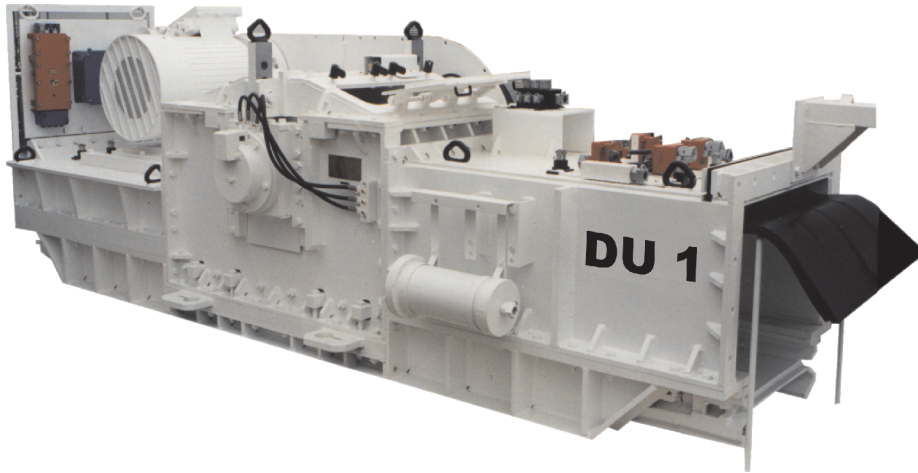




T Machinery a.s.

Coal Crushers DU



The *Coal Crushers DU* series was developed for crushing coal, stone or other materials having strength of up to 130 MPa. They are located in entries within the scraper conveyor line. They can be used in connection with different types of scraper conveyors, and with under-face equipment.

Technical description:

Coal crushers DU series consist of basic parts (input, middle and output trough; input, middle and output case, middle case lid, crushing drum, drive, flywheel with friction coupling, drive cover, spraying, and automation elements); with horizontally placed crushing drum. There are 4 knife disks on the crushing drum shaft with screwed crushing bits. The machine is driven by an electric motor and it rotates a robust flywheel by means of a set of V-belts; the flywheel ensures appropriate torque for mine run crushing. Conveyor, crusher and spraying run, operational safety and device protection against damages are secured by the automatic control.



	DU 1	DU 2	DU 3	DF 9/12 P	
Capacity	1000 - 1500	600 - 1000	2000	1500 - 2400	m ³ /h
El. motor-power output	100 - 160	75 - 100	160	160 - 250	kW
Cruseh drum RPM	469	520	469	469	RPM
Max. height (input dimen. of the crushed rock)	1000	600 - 700	1150	900 - 1200	mm
Max. width (input dimen. of the crushed rock)	900	600 - 800	1200	1140 - 1200	mm
Max. length (input dimen. of the crushed rock)	Unlimited	Unlimited	Unlimited	Unlimited	mm
Trough-gap height	190 - 340	105 - 330	160 - 340	160 - 340	mm
Height	1870	1250 - 1360	1900	1900 - 2200	mm
Width	1830	1640 - 1710	2200	2200 - 2300	mm
Length	4500	3000 - 4500	4500	4500 - 6000	mm
Weight	15 500	9 060 - 12 780	20 000	17 000 - 23 500	kg
For conveyers having widths	800 - 900	700 - 800	800 - 1000	800 - 1200	mm