

Drag Conveyor - Type DSS 227 St

The drag wall conveyor DSS 227 is determined for mining of coal-seams of medium-heavy and heavy conditions. The conveyor has the maximum output 1050 tons/hour by the output up to 4 x 315 kW. The slide shoe and E-profile are made of special material so that the working life of the conveyor could reach 3 million tons of transported coal.

The conveyor has got a closed lower branch and every fifth conveying trough is inspection one.

Further parameters of the conveyor are stated in the following table:

Type	DSS 227 – 732	DSS 227 – 832
Width	732 mm	832 mm
E-profile height	227 mm	
Transport length	Max. 250 m	
Max. transported volume	950 t/hour	1150 t/hour
Mining speed	1,12 m/s	
Starting speed	0,38 m/s	
Gear-box type	PKPL-15 / PSPL-15	PKPL-15 / PSPL-15 PKPL-25 / PSPL-25
Clutch type	Flexible double	
Motor max. output	3x 200 kW	3x 250 kW
Motor water cooled - Type / Output	80/160kW, 65/200kW	80/160kW, 68/200kW, 85/200kW
Middle shoe thickness	30m	
Lower shoe thickness	20m	
Slide shoe material	HARDOX 450	
Transport chain	2 x 30 x 108 Parson	
Chain spacing	130mm	
For slant without anchoring	± 15°	
For slant with anchoring	± 25°	
Used anchoring - upper	KH 227	
Used anchoring - lower	KS 227	

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