

Drag Gathering Conveyor – Type DSS 227 Sb

Drag conveyor DSS 227 Sb is determined as a gathering conveyor after medium-capacity wall conveyors. The conveyor output can be up to 2 x 160 kW. The recommended maximum length is 150 m.

The conveyor can be located directly on the foot-wall or it can be partly suspended in the suspension slot by the suspension unit type ZDSS227.

In the conveyor route it is possible to add a coal-crusher.

The suspended conveyor including the coal-crusher can be moved by hydraulic equipment SAK 1 (with chains) or by chain-less equipment SAB 1, eventually by a hoisting winch or by a special hydraulic shifting equipment installed on the body of the conveyor route.

At customer's request it is also possible to deliver a configuration with a belt conveyor.

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

Type	DSS 227-732 sb	DSS 227-832 sb
Transported volume		
Drive – max. output	2x 160 kW	2x 160 kW
Recommended output	1x 160 kW	1x 160 kW
Used gear-boxes	PKPL 15	PKPL 15
Clutch	Flexible double	
Used motor	160 kW	
Chain belt speed	0,96	0,96
Used chain	2 x 30 x 108	2 x 30 x 108
Chain spacing	130 mm	130 mm
Trough width	732 mm	832 mm
E profile height	227 mm	
Slide shoe thickness	30 mm	30 mm
Length of the troughs	1500 mm	
Troughs connection	Eye	
Max. tension in the connecting element	1500 N	
Turn-around terminal	Without racking	
Suspension type in the suspension slot	ZDSS227-732	ZDSS227-832
Side guidance height	600 mm	
Lower branch closing	On the suspended part (removable)	
Telescopic racking trough	Yes, at the customer's request	
Suspension of the drive	Yes	
Shifting	Shifting equipment type SAK, hoisting winch, shifting equipment type PZ	

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