

Drag Gathering Conveyor – Type DSS 260 Sb

Drag conveyor DSS 260 Sb is determined as a gathering conveyor after high-capacity wall conveyors. The conveyor output can be up to 2 x 250 kW. The recommended maximum length is 200 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 ZDSS260.

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

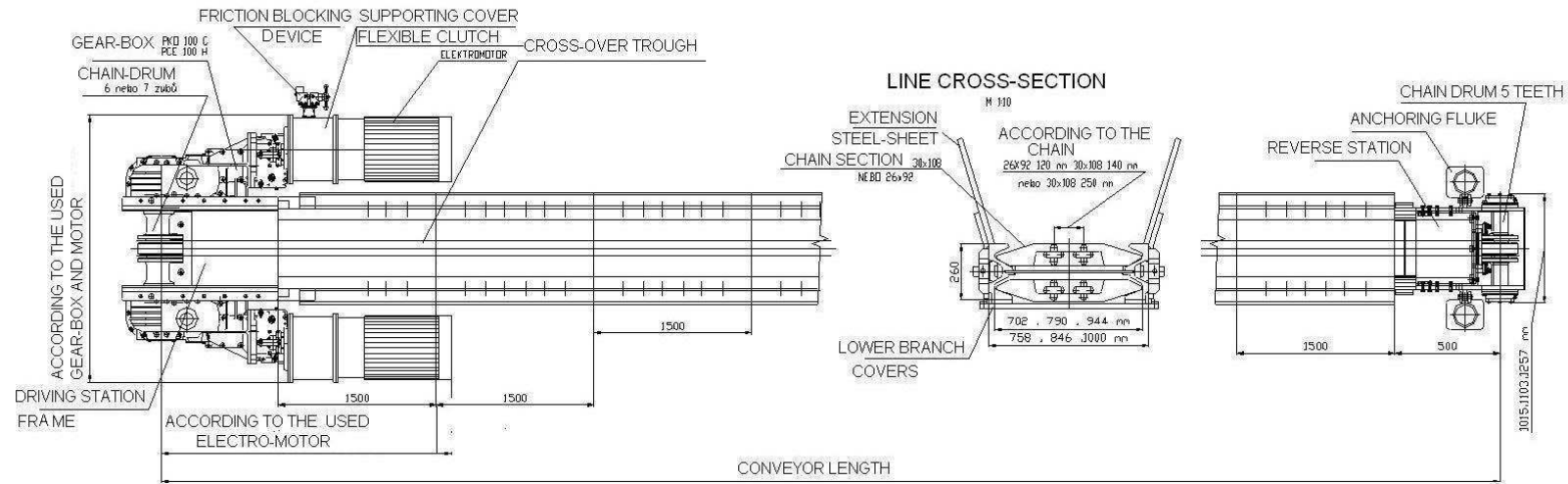
The suspended conveyor including the coal-crusher can be moved by hydraulic equipment SAK 1 (with chains) or by chain-less equipment SAB 1, eventually by a hoisting winch or by a special hydraulic shifting equipment installed on the body of the conveyor route.

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

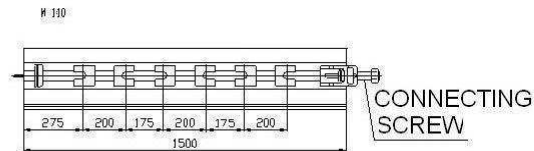
Further parameters of the conveyor are stated in the following table:

Type	DSS 260 SR sb26-700	DSS 260 SR sb30-700	DSS 260 SR sb30-800	DSS 260 SR sb30- 1000
Transported volume				
Drive – max. output	2x 160 kW		2x 200 kW	2x 250 kW
Recommended output	2x 100 kW up to 2x 160 kW		2x 160 kW	2x 160 kW
Used gear-boxes	PKO 100 with PCE 100 H (C) or planetary gear-boxes of the line 15 e.g. PKPL 15			PKPL 25
Clutch	Flexible double			
Used motor	dSKg 315 S4, dSKg 315 M4A, dSKg 315 M4B			
Chain belt speed	According to the gear-boxes and motors - from 0,35 to 1,4 m/s			
Traction drum – teeth number	7	7	7	6
Reverse drum – teeth number	5	5	5	5
Used chain	26 x 92	30 x 108	30 x 108	34 x 126 flat
Chain spacing	120 mm	140 mm	140 mm	250 mm
Trough width	754 mm	754 mm	846 mm	1000 mm
E profile height	260 mm up to 280 mm			
Slide shoe thickness	25 - 34 mm			30 - 34 mm
Length of the troughs	1500 mm			
Troughs connection	screw 36x3	Connecting dumbbell 1500 N		
Max. tension in the connecting element	According to the used element			
Turn-around terminal	Alternatively with racking or without racking			
Suspension type in the suspension slot	ZDSS 260-700		ZDSS 260-800	ZDSS 260-1000
Side guidance height	600 mm		700 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			

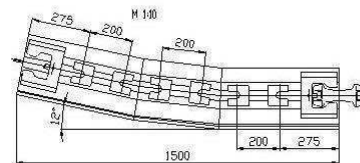
GATHERING CONVEYOR - VERSION DSS 260 FOR THE LINE WIDTH OF 700, 800 OR 1000 MM



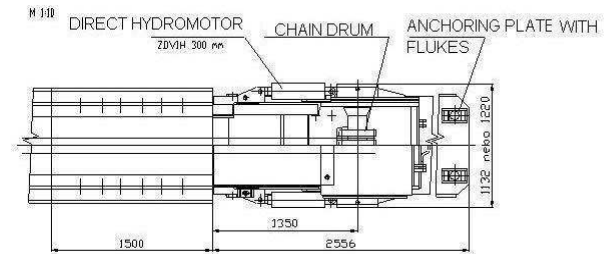
VERSION OF A TROUGH WITH A CONNECTING SCREW



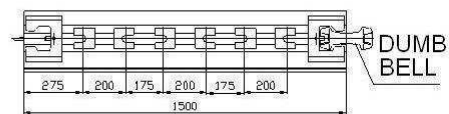
VERSION OF A CONVEX TROUGH WITH A CONNECTING DUMB-BELL



VERSION WITH A TELESCOPIC REVERSE STATION



VERSION OF A TROUGH WITH A CONNECTING DUMB-BELL



VERSION OF A CONCAVE TROUGH WITH A CONNECTING DUMB-BELL

