

Drag Wall Conveyor - Type F285

The drag wall conveyor F285 is determined for mining of coal-seams of medium-heavy and heavy conditions. The conveyor has the maximum output 1800 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.

The conveyor is equipped with the cave-in travel guidance "eicotrack". Further parameters of the conveyor are stated in the following table:

Type	F285 – 689st	F285 – 789st	F285 – 889st
Inner width of the troughs	689 mm	789 mm	889 mm
E-profile height	285 mm		
Transport length	max. 250m		
Conveyor max. output	1200 t/hour	1500 t/hour	1800 t/hour
Mining speed	0,96		
Starting speed	0,32		
Gear-box type	PKPL-15 / PSPL-15 PKPL-25 / PSPL-25	PKPL-25 / PSPL-25 PKPL-35 / PSPL-35	PKPL-35 / PSPL-35
Clutch type	Flexible double		
Water-cooled motor type/output	65/200kW	85/250kW	105/315kW
Trough length	1500 mm		
Middle shoe thickness	40m		
Lower shoe thickness	25m		
Sliding shoe material	HARDOX 400		
Used chain	2 x 30 x 108 Parson	2 x 34 x 126 Parson	
Side discharging			
For slant without anchoring	± 15°		
For slant with anchoring	± 25°		
Used anchoring - upper	KH 285 P1		
Used anchoring - lower	KS 285 P2		

