



FLIGHT CONVEYORS

Flight conveyors are ideal for horizontal and diagonal transportation of free flowing materials. Can be placed in angle up to 45 degrees. Made of galvanized metal. Suitable for installation in areas with limited uplift height. Allows to create more compact equipment placement. Available various models depending on required capacity. We offer customized solutions to suit specific customer requests.



STANDARD EQUIPMENT

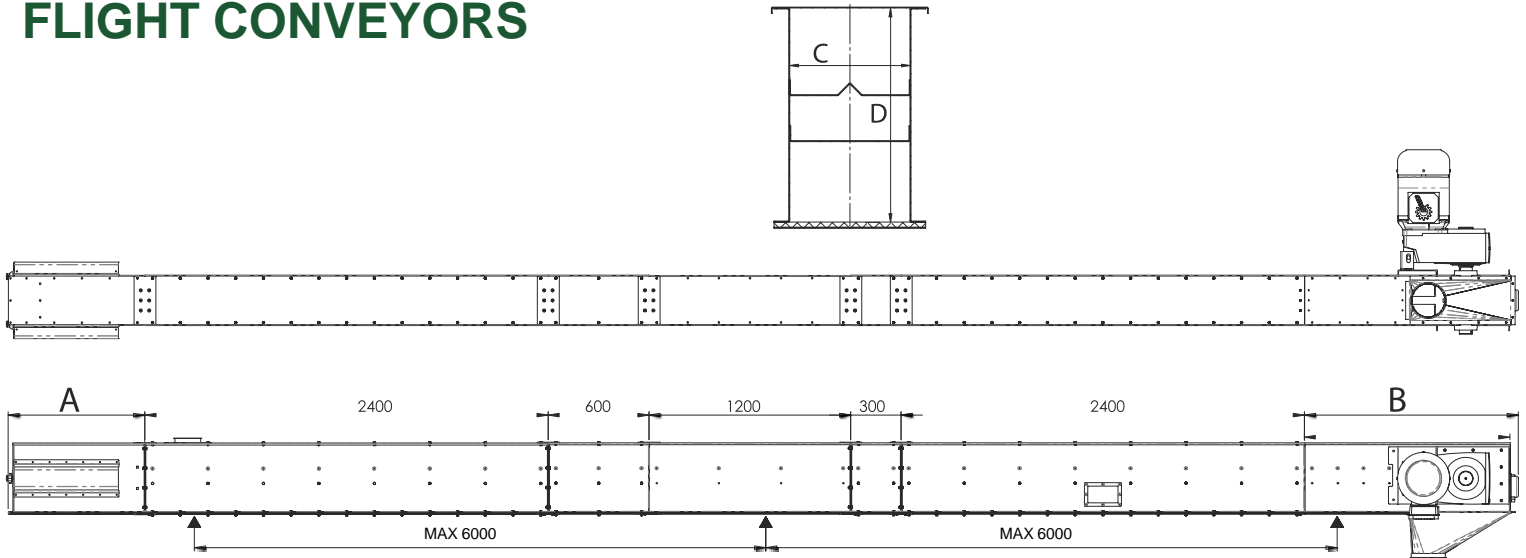
- Tension section with tension device
- Extension section with 2 inspection windows
- Extension sections in needed length with double floor
- PEHD bottom wear out plates t=10 mm
- Connection plates between sections
- Chain with scrapers and paddles
- Inlet with flange
- Outlet with flange
- Drive section
- NORD gearbox with electric motor
- Overloading membrane

ACCESSORIES

- Inlet / Outlet flange (round or square)
- Covered double sided inlet with flow control
- Outlet slide with manual, electric or pneumatic control
- Chain termination sensor
- Weather cover for motor
- Weather cover for outlet slide
- Additional inspection windows
- Shaft speed monitor with cover
- Compliance with ATEX, zone 21, group II 2D/0D



FLIGHT CONVEYORS



Model	S40	S80	S100	S150	S200	S300	S500	
Capacity* , t/h	20-60	40-80	80-100	120-150	150-200	250-300	400-500	
Capacity* , m ³ /h	33-91	58-124	110-159	174-226	238-303	343-440	396 - 666	
Chain speed, m/s	0.31-0.92	0.61-0.92	0.64-0.79	0.75-0.94	0.74-0.92	0.71-0.86	0.52 - 0.65	
Chain type, FV	63-63	90-100		112-125	140-160; 180-160	180-160; 250-160; 315-160; 400-160	250-160; 315-160; 400-160	
Tension (A), mm	750	800		1250		1250	1540	
Drive (B), mm	1250						2040	
Width (C), mm	200	230	330		390	555	900	
Height (D), mm	295	410		510	590	670	650	
Thickness, mm Side/Top/Floor	2/2/2	2/1.5/2		3/1.5/3	3/2/3	4/2/4	4/3/4	

* Capacity for wheat 0.75 t/m³ , 15% moisture content
Further capacity upon request

