

Flight conveyor



Application

The flight-conveyor is designed for handling a variety of dry, free flowing bulk products either horizontally, on an incline or a combination of both.

Operation

The plastic flights are carried by a chain, all contained in a standard trough.

Bulk materials flow smoothly and gently. All materials are carried “en masse” without tumbling, thereby keeping material agitation and friction to a minimum.

Particle degradation and separation are also minimized.

Construction

- Self-cleaning head section
- Double flanged conveyor trough.
- Tail section.
- Trough cover.
- Sprocket-idler return system.
- All-steel chain.
- Plastic flights.
- Drive equipment.
- By-pass inlet.

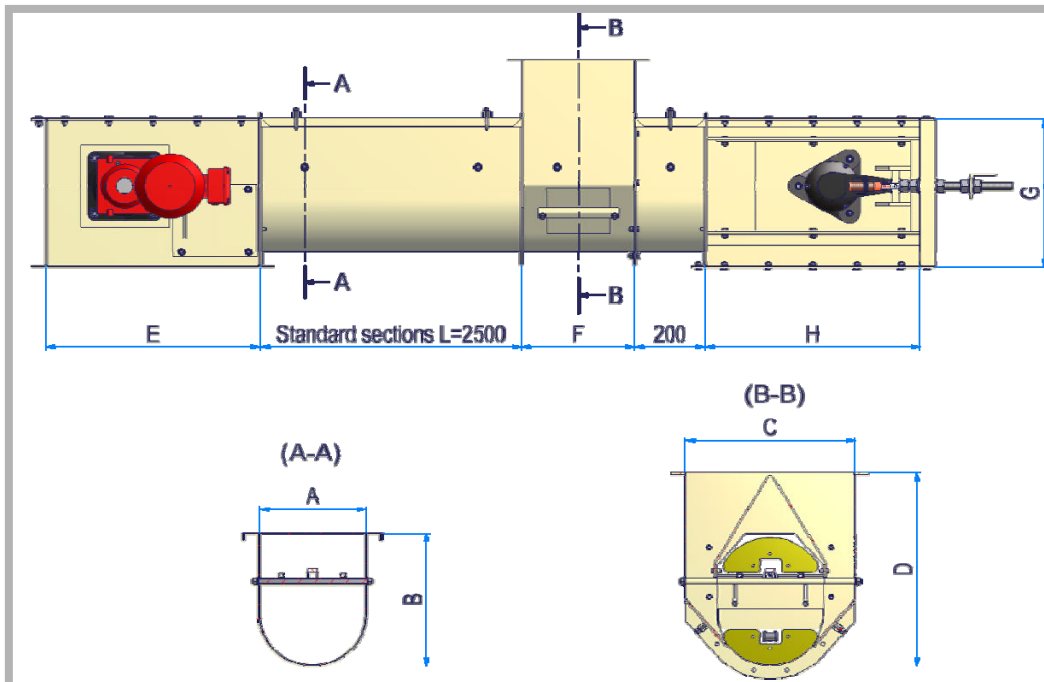
Benefits

- Gentle material handling.
- Self-cleaning.
- No overflow.
- Efficient and simple designed.
- Totally enclosed.
- Custom-built to suit individual requirements.

Optional extras

- Stainless steel construction.
- Bend section for application requiring both horizontal and inclined conveying.
- Self-cleaning tail section.
- Overflow indicator.
- Revolution counter.





Type	Capacity (m ³ /h)	Vmax. (m/s)	Weight* (kg+kg/m)	Shipp.Vol. (m ³ /m)
F-15	17	0,4	125 + 30	0,05
F-20	28	0,4	140 + 35	0,09
F-25	53	0,5	160 + 40	0,12
F-30	74	0,5	210 + 50	0,16
F-40	127	0,5	410 + 70	0,27
F-50	195	0,5	600 + 100	0,40
F-60	276	0,5	690 + 115	0,57

* excluding drive equipment and optional extras.

Note: Motor horsepower requirements and max. length will vary with other materials.

Data on request.

Type	A	B	C	D	E	F	G	H
F-15	154	222	250	300	304	150	270	306
F-20	206	302	330	400	406	200	350	406
F-25	256	353	400	500	506	250	400	610
F-30	306	403	480	585	606	320	450	608
F-40	406	513	630	730	706	440	560	708
F-50	508	604	780	880	808	550	670	808
F-60	608	724	930	1050	958	650	800	958