



Type	JesBelt D
Typical applications	A wide range of coarse, granular and dust like bulk materials.
Benefits	Easy maintenance with quick belt change. Compact construction. High operational reliability. Long lifetime.
Approvals	
Accuracy from*	±1 %
Capacity range	0.5 - 125 m3/h
Product temperature	-30°...110°/110°
Atex option	Zone 21+22 - Zone 1+2
Belt width	360- 610 mm
Regulation range Feeding/weighing Belt speed	10:1 30:1
Construction	St. 37 or AISI 304 Open or with cabinet
Options	Belt for special applications.

* Accuracy is depending on product characteristics and final design.



JesBelt D

JesBelt D – compact simplicity

Modern process industries are often characterized by the lack of sufficient space. With its simple and compact construction, the JesBelt D provides a perfect alternative to insert a reliable weigh feeder in positions normally not accessible.

The Jesbelt D consists of a conveyor belt suspended in two supporting profiles. The belt runs on high precision turned end rollers and stainless belt running plates at inlet and discharge.

The belt is provided with an adjustable nylon scraper which effectively cleans the belt at the discharge roller, and the belt is guided by a height adjustable edge guide.

For multi purpose adjustment possibilities, the weigh feeder is supplied with a height adjustable weigh bridge between the side members and running plates.

The load over the entire width of the belt is metered by a single-point load cell, which in combination with a high signal rate incremental encoder (Tacho) provides optimum signal accuracy to the weigh amplifier.

To provide optimum weighing accuracy the belt is continuously tensioned through the automatic and gravimetric belt tension.

The JesBelt D is available as an open version or built into a dust tight housing with easy removable cover, providing simple maintenance and quick belt replacement. With the JesBelt D supplied in a housing, the belt drive motor is isolated from the potential dusty environment by being mounted outside the housing. The weighfeeder housing is supplied with flanged inlet and outlet ready for installation.

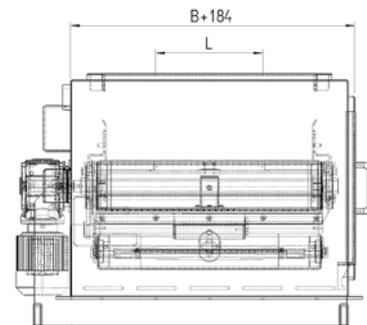
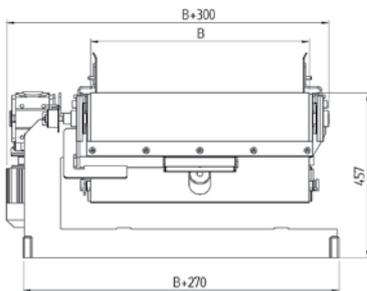
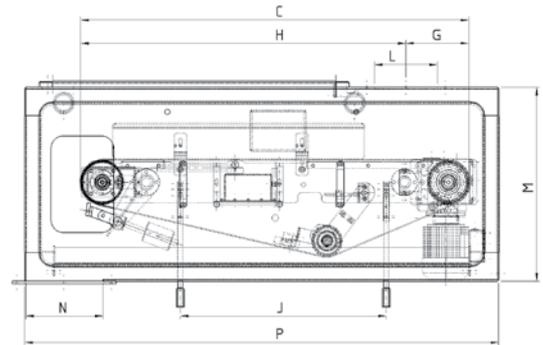
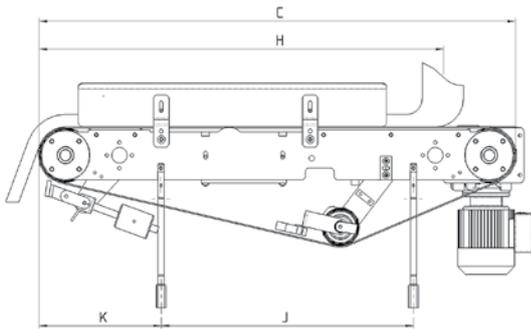
The JesBelt D weighfeeder is available in stainless steel, coated steel St.37 or in a combination with product wetted parts in stainless steel.





RELIABLE ACCURACY

Standard range JesBelt D



C	B	J	K	H	G	L	M	N	P	Weight open	Weight closed
JesBelt D 380		[up to 40 m³/h]									
1100	380	655	350	1035	200	200	600	245	1506	340 kg	400 kg
JesBelt D 610		[up to 125 m³/h]									
1100	610	655	350	1035	200	200	600	245	1506	420 kg	480 kg