M 02-23 6000-22-ENG

Product datasheet

Primary Apron Feeder RKF

Advanced design options deliver higher throughput rates

Our primary apron feeders (PAF/RKF) are used to convey run-of mine rock, mineral ore and similar bulk materials, as well as in the recycling industry. Every apron feeder is tailored to your requirements and installation conditions and thereby enables maximum flexibility for your plant layout. Primary apron feeders can handle the highest throughput rates and are specially designed for crusher and open hopper discharge. The PAF/RKF series can be equipped with electro-mechanical or hydraulic drive systems, both of which are available with fixed speed or as variable speed drives (VSD).

Flexible apron feeders

Drive
- Electro-mechanical and hydraulic drive available
- Optional variable speed drive (VSD)
- Segmented drive sprocket for easy exchange

Pans
- Welded pans out of high wear resistant steel
- Accurately machined sealing lips for low spillage

Take-up station
- Easy tensioning mechanism for track chain
- Take-up beam with lifetime lubricated rollers

Track system
- Lifetime lubricated oil chain
- Heavy duty track and return roller
- Optional chain lock for easy chain replacement
- Protection hoods for all rotating parts

Options
- Pull rope switch
- Zero speed switch for speed control
- Tailored Skirtboards
- Hydraulic retraction system feeder displacement

Mission Zero Towards zero emissions by 2030

FLS

Primary Apron Feeder RKF

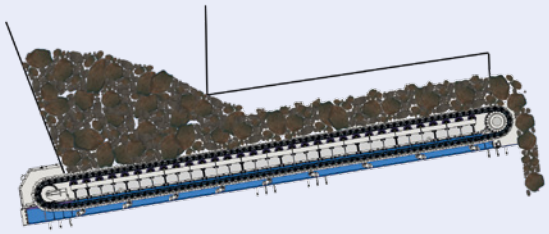
Technical specification

General data	
Materials	Mineral ore, limestone, etc.
Maximum feed size	2,000 mm edge length

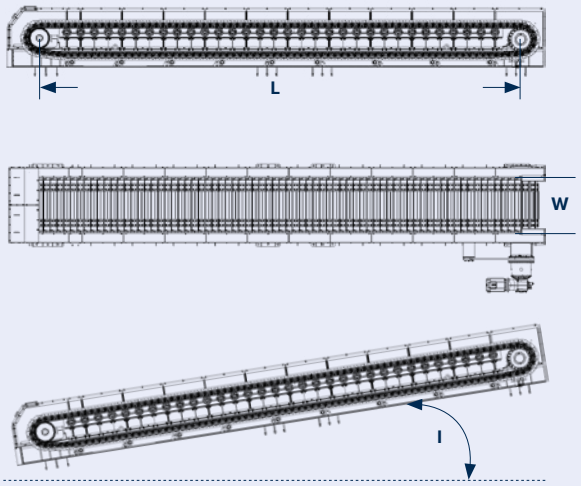
Apron feeder	
Apron feeder type	Primary apron feeder
Max length (L)	30 m
Available widths (W)	1.0 m – 3.0 m
Chain type	Lifetime lubricated track chain
Chain sizes	D4 – D10
Max. inclination (I)	26°
Take up station	With lifetime lubricated standard rollers
Max. speed	30 m / min
Pans material	Standard/high wear resistant steel/ casted

Drive	
Drive concept	Electro-mechanical or hydraulic with optional VSD
Max. drive power	45 kW – 2 x 700 kW

Working principle



Main dimensions



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