

Model MF



Model MF - Trough conveyor

Characteristics:

The buckling-resistant, tubular frame structure can be totally or partially constructed in non-magnetic stainless steel where applications involving the presence of magnetic fields are foreseen.

The belt moves on carrier rollers (\varnothing 89 mm) arranged on three-part supports.

Belt quality is EP 400/3 4+2 and it can be fitted with various carrier types. The belts are manufactured at the factory with an endless connection for up to an axle to axle length of 12 metres.

The standard design does not foresee side walls, as the belt trough holds the material in the centre. A side wall can be optionally configured, however, with a lip sealing at the discharge end or along the entire conveyor length. Side walls are manufactured from galvanised sheet metal and are bolted to the conveyor. Raising the side wall height from 200 mm to 500 mm presents no problem and can be constructed in sections, as required.

An optimal belt tracking is achieved through slightly spherically turned drive and tail pulleys (\varnothing 320 mm). Take-up is accomplished by means of 60 mm branded flange bearings. For an axle pitch greater than 10 metres the drive drum is fitted with a rubber coating consisting of a top layer of rhombus shapes for increased friction.

Applications:

C and D materials
Fines and organic materials

STADLER®

Products for tomorrow's world

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Innovations

Our product developers have already proven their technical expertise and capability for innovation many times.
STADLER® has received several innovation awards for clever sorting solutions of detrimental substances from material mixtures.



STADLER®

Engineering at its best



Conveying Technology

Well thought out and individually planned conveyor technology from STADLER® - so that everything keeps right on moving.

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Model GG



Model BU



Model KF

Model GG - Sliding belt conveyor

Characteristics:

A buckling-resistant, low tubular frame construction serves as the slide plate for the belt with a level table surface of 3 mm sheet steel. Where applications involving the presence of magnetic fields are foreseen, the frame structure can be totally or partially constructed in non-magnetic stainless steel.

Belt quality is EP 400/3 2+0 and it can be outfitted with various carrier types. The belts are manufactured at the factory with an endless connection for up to an axle pitch of 12 metres.

Side walls are manufactured from galvanised sheet metal and are bolted to the conveyor in standard heights of 100, 200 and 500 mm. Raising the side wall height from 200 mm to 500 mm presents no problem and can be constructed in sections, as required.

The sealing between the belt and the side wall can be optionally configured with a lip sealing or with a non-contact labyrinth seal. Lip sealings are foreseen for angled belt conveyors.

An optimal belt tracking is achieved through slightly spherically turned drive and tail pulleys (ø 220 mm). Take-up is accomplished by means of 60 mm branded flange bearings. A rhombic rubber coating is foreseen as standard for the drive drum from a 10 metre axle pitch.

Applications:
Conveying of packaging materials
Paper, card, plastic, metal, film fractions

Model BU – BU belt conveyor

Characteristics:

Bunker belt conveyors allow the storage of materials prior to baling or entrance to a further process. The bunkers operate automatically, detecting the height of material in the bunker and moving the belt forward to ensure a full bunker.

The bunker belt conveyor is constructed in a buckling-resistant, tubular frame structure.

The belt movement is achieved by carrier rollers (ø 89 mm) on one-piece supports. At the side of the belt it is sliding on a table for improved sealing.

Belt quality is EP 400/3 2+0. These will be heat vulcanized at the factory with an endless connection for up to an axle to axel length of 12 metres.

The side walls are built up of water-resistant plywood with standard heights of 1875 mm and 2500 mm.

An optimal belt tracking is achieved through slightly spherically turned drive and tail pulleys with 320 mm diameter. Take-up is accomplished by means of 60 mm branded flange bearings. Furthermore, the drive drum is fitted with a rubber coating consisting of a top layer of rhombus shapes for increased friction.

Applications:
Storage of packaging materials
Paper, card, plastic, metal, film fractions

Model KF - Chain belt conveyor

Characteristics:

The chain belt conveyor is constructed as a profile steel structure in a bolted and welded configuration.

A double-sided bush conveyor chain serves as traction mechanism with 125 mm pitch and 63 mm roller diameter. A rubber belt is bolted between every other chain link onto the C-profile, which, in turn runs on bolted supporting guide rails. Carriers from angled steel are located on the upper side of the belt at a distance of one metre. All bolting connections are outfitted with self-locking nuts. The guide rails are also bolted.

Belt quality is EP 500/4 4+2. Side walls are manufactured of sheet metal in standard heights of 600 mm and 900 mm.

Numerous belt lengths can be realised from 1250 to 1400, 1500, 1650, 1800, 2000, up to 2200 mm.

The pitch diameter of the drive and deflection chain wheels is 326 mm. Take-up is accomplished by means of 70 mm branded flange bearings.

Applications:
Infeed to plant
Infeed to baler