



INTELLIGENT
FEEDING COMPONENTS



Even quite
large in a
small space

IFC Conveyor belts





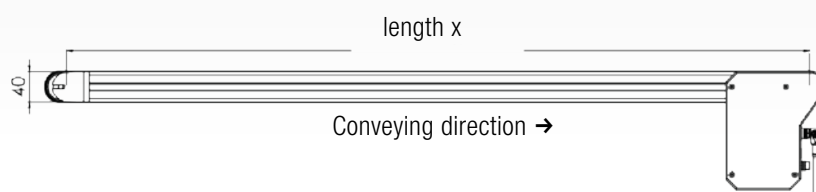
With head drive FBK



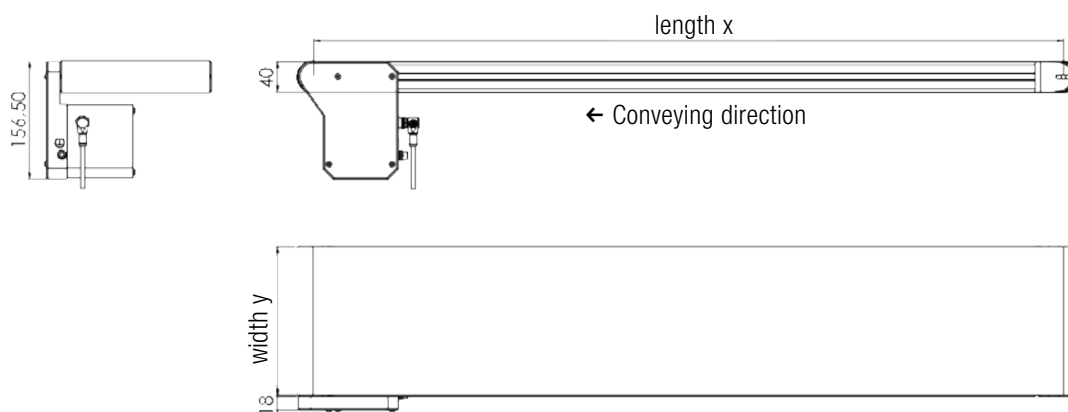
The large selection of belt widths and lengths make IFC conveyor belts versatile to use as storage and conveying lines and feeding and sorting equipment for small parts.

A 24V EC motor with a steplessly adjustable belt speed of up to 72 m / min, freely selectable direction of rotation, sealed stainless steel bearings and protection type IP 54 make them also suitable for difficult production conditions.

Drive on right



Drive on left





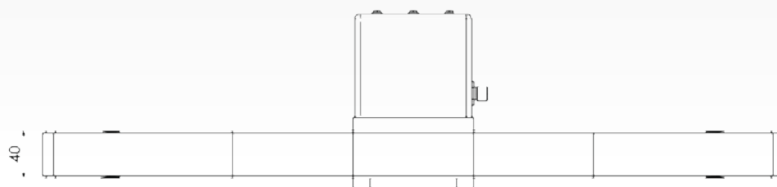
With center drive FBM



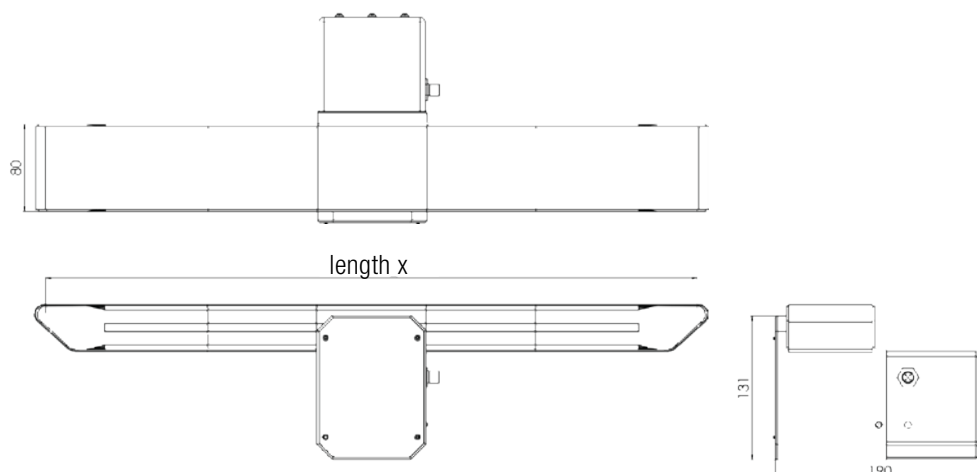
With its compact design, the drive can be moved over the length of the belt and the knife edges at the start and end of the belt, the small conveyor belts can also be used where space is limited.

The knife edges on both sides allow simple transitions between the conveying systems. They can be combined with a wide variety of modules designed by IFC.

FBM-40



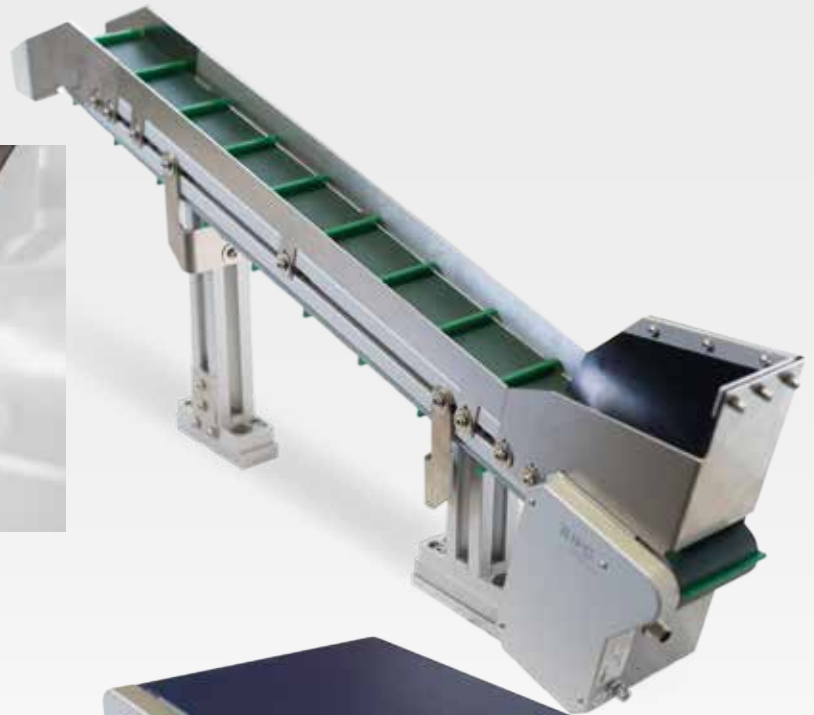
FBM-80





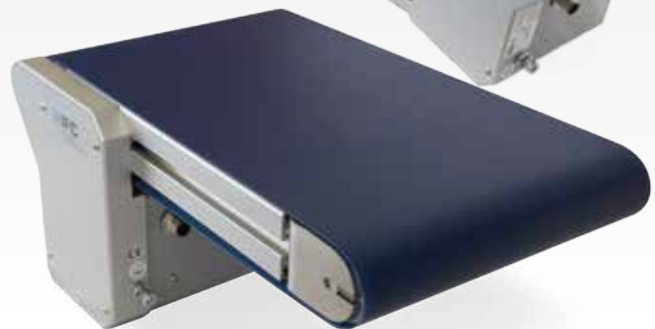
Conveyor belts with head drive

The price-conscious solution
even for steep lines



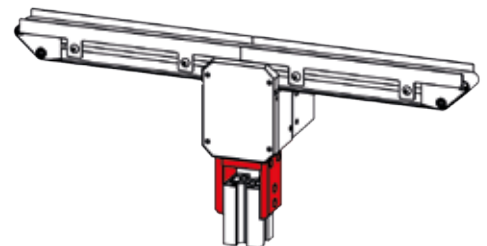
Equipment features

- Belt width 40, 80, 120, 160 and 200 mm
- Belt length from 300 - 3000 mm
- Belt body of aluminium profiles
- Fastenings, slides, brackets and side modules for using cameras
- Other accessories on request



Brackets and slides

Accessories precisely tuned to each other make simple integration into new and existing systems easier. Height and side locatable base and belt fastenings are helpful for simple and optimum alignment of the conveyor belts. Well-conceived brackets guarantee the usage and integration of camera systems.



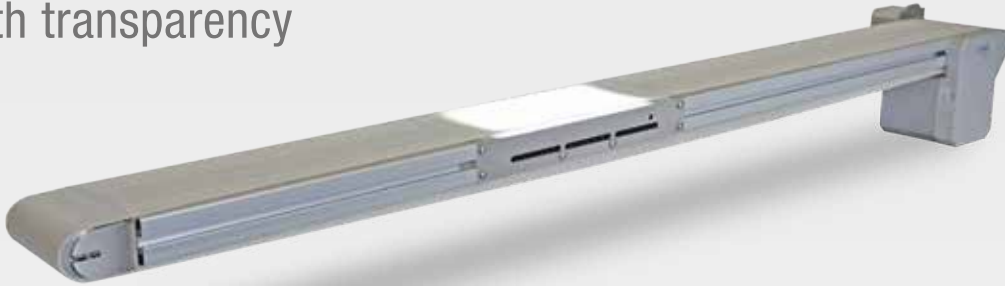
Drive base, 0°

For fastening
onto 50 mm profiles
(robot units)



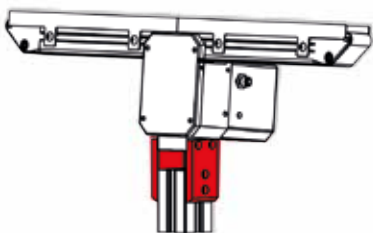
Conveyor belts with trough beam unit

The conveyor belts with transparency



The IFC small conveyor belts with head drive and/or centre drive may be equipped with integrated lighting.

This enables usage with optical systems and cameras for position detection for pick- and place applications.



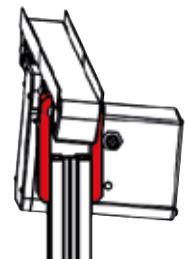
Drive base, 5°

For fastening onto 50 mm profiles (robot units)



Belt bracket, 0°

For fastening onto 40 mm profiles (robot units)



Belt bracket, 5°

For fastening onto 40 mm profiles (robot units)



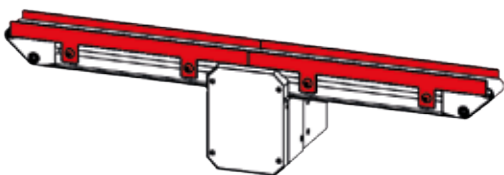
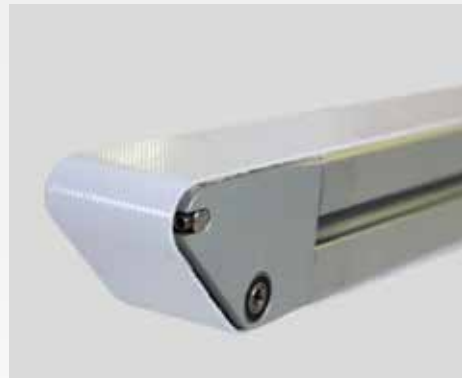
Conveyor belts with FBM central drive

Even quite large
in small spaces



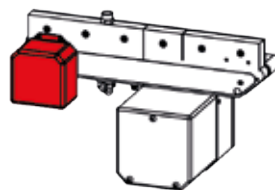
Equipment features

- Belt width 40 and 80 mm
- Belt length from 300 - 3000 mm
- Knife edges
- Belt body of aluminium profile
- Fastenings, slides, brackets and side modules for using cameras
- Other accessories on request



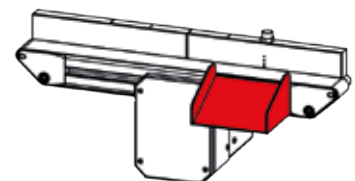
Guide plates

Stainless steel design,
10 mm high in lengths of
300, 400 and 500 mm



Encoder / encoder hood

For determining
the belt speed



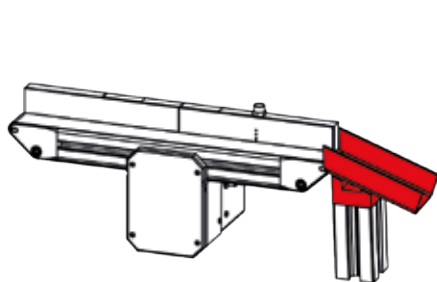
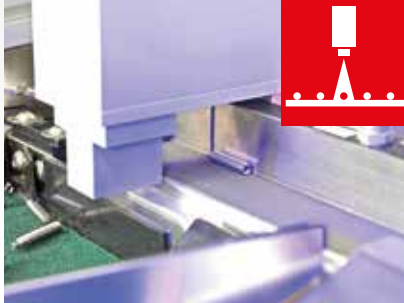
Slide

For ejecting parts
on the conveyor belt

Modular conveyor belts with individual functions

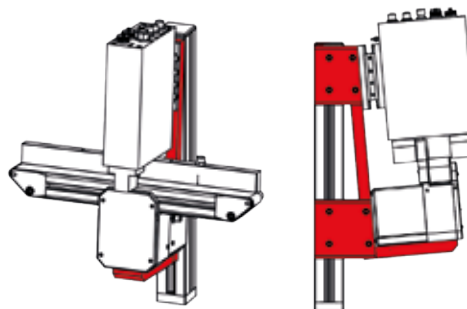
Exactly what you need!

Small conveyor belts with central drive can be equipped with the most varied camera-, base-, end- and valve-, storage-chambers-, turning-, pushers- or distribution modules designed by IFC and allow a flexible response to any feed request. Contact us – we will be happy to give you more information.



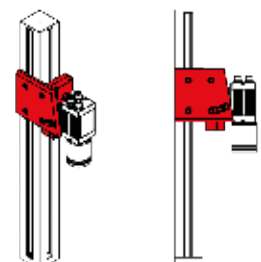
End slide

For outfeed of parts on the modular conveyor belt, fastening to 50 mm profiles (robot units)



Checkbox compact bracket

For fastening to 50 mm profiles (robot units)



Bracket for 3D camera

For fastening to 50 mm profiles (robot units)

Technical Data

	FBM	FBK
Conveyor belt width	40 / 80 mm	40 / 80 / 120 / 160 / 200 mm
Belt width	36 / 76 mm	36 / 76 / 116 / 156 / 196 mm
Conveyor belt length x	300-3000 mm	
Speed	1,2-10 / 4-36 / 12-72 m/min	
Temperature range	0 to +40 °C	
Protection type	IP 54	
Bearings	Stainless steel, sealed on both sides	
Motor	3-phase electronically-commutated external rotor DC motor with integrated electronics	
Rated voltage	24 V DC	
Max. current	2 A (with permanently blocking protection)	
Direction of running	Switchable using slide switch	
Speed setting	Integrated potentiometer or 0-10 V set value specification	
Gearbox	Multi-stage spur gear unit	
Lubrication	Lifetime grease filling	