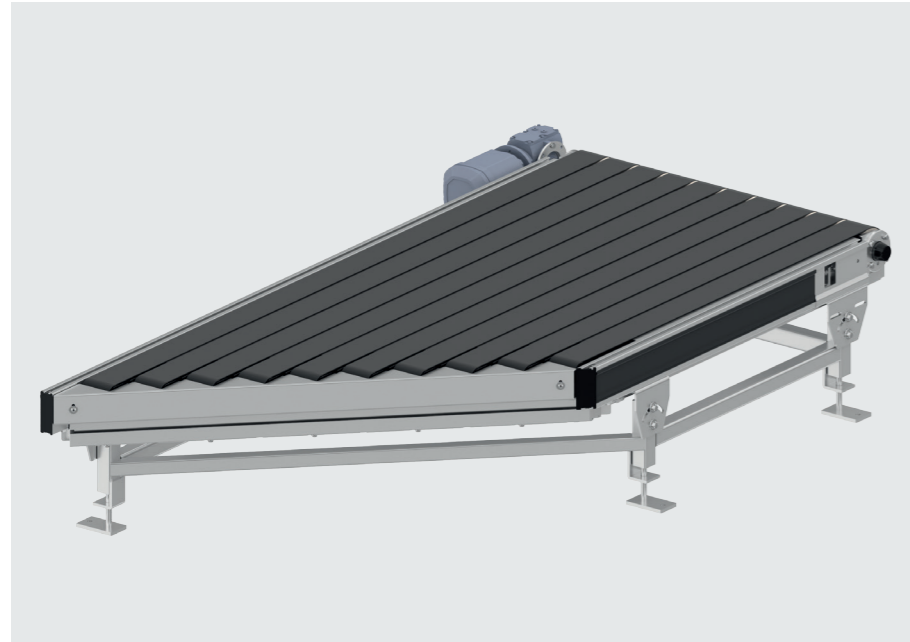
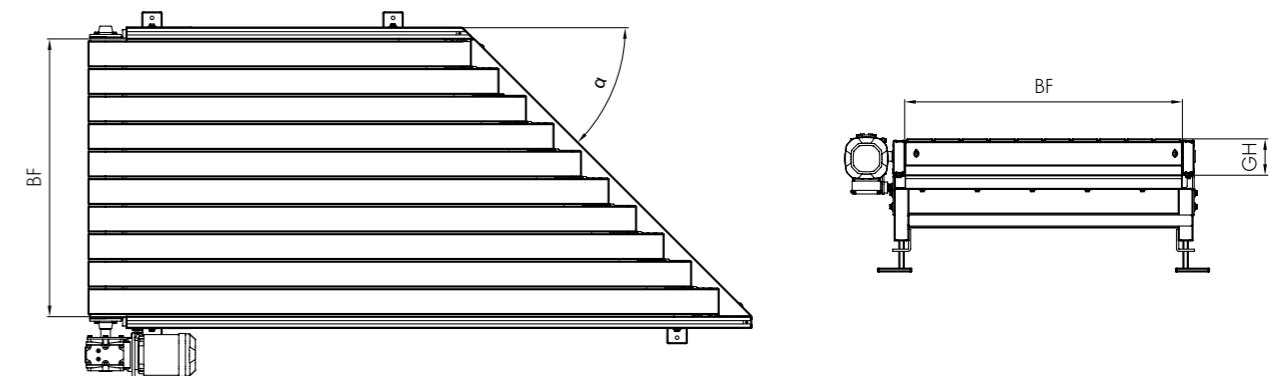


# BM 4430/4445

## Interroll Belt Conveyor Merge



### Dimensions



### Product Description

The belt merge is a belt conveyor with a 30° or 45° angled connecting edge. This conveyor element enables the merging of two conveyor lines at the corresponding angle. With the use of supplementary sorting elements, belt merges also enable the separation of conveyor flows. The conveying belts are available in widths of 90 mm and 40 mm for especially small materials. The belt merge has an especially low overall height at 120 mm.

### Technical data

General technical data	Max. load capacity*	50 kg/m (33 lbs/ft)
	Max. load capacity per module*	100 kg (220 lbs)
	Conveyor speed*	0.1 to 2.0 m/s (20 to 690 ft/m)
	Incline/decline	Not suitable
	Ambient temperature	-5 to +40 °C (23 to 105 °F)
Drive	Rated voltage	400 V / 60 Hz / 3 phase 460 V / 60 Hz / 3 phase
	Electrical power	0.37 to 1.10 kW (0.5 to 1.5 HP)
	Motor type	Geared motor 0.37 kW to 1.10 kW (0.5 to 1.5 HP)
	Diameter of drive roller	80 / 120 mm (3.1" / 4.7")
	Diameter of idler pulley, straight side	80 / 120 mm (3.1" / 4.7")
	Diameter of idler pulley, angled side	70 mm (2.7")
Materials	Conveyor belt	Structured surface Flame resistant in compliance with DIN EN 20340 (optional) Other surfaces on request Belt width 90 or 40 mm (3.5" or 1.5")
	Slider bed	Polymer slide profiles
	Side profile	Height side guide 120 mm (4.7") Other side guides on request

\* The combination of maximum values is not always possible.

α	Angle	30°/45°
BF	Between frames	420, 620, 840, 1050 mm (16", 24", 33", 41" nom.) others on request
GH	Overall height	200 mm (7.8")
	Medium length	See application notes, page 121

### Scope of supply

- The module is fully assembled
- Supply incl. 1 sensor
- Please order support stands and end caps separately