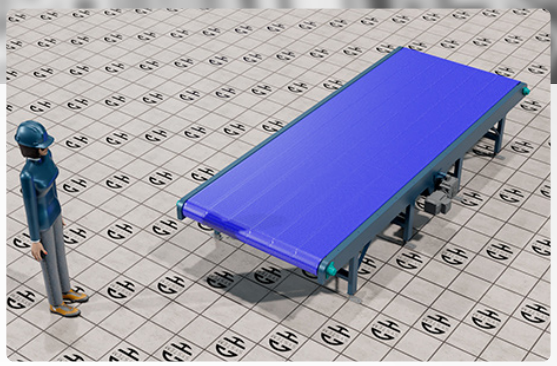
CH·SYSTEM



Plastic Modular Belt conveyors

– for heavy duty

Type PBH – For transport of heavy duty products

Plastic belt conveyors are often used for transport of heavy duty pallets or steel cages.

The conveyor design is standardized and modelized to meet the maximum and minimum product size and weight.

The belt type and drum size are selected from our standard model range together with the robust steel frame, supports and motor-frame.

The drive is omega drive, and the belt is reversible.

The drive system is covered by a closed steel guard protecting it from dust and particles.

The complete steel frame is designed for heavy duty application, long lifetime and minimum maintenance.

Details:

- Steel structure is powder coated to the client color requirement.
- Energy-efficient gearmotors from SEW or Siemens depending upon client's requirements.
- Any type of sensor or photocell can be mounted for start/stop.
- Any type of communication with frequency inverter
- Each conveyor will have a Declaration of Incorporation of partly completed machinery.
- The conveyor is inherently safe can be installed without any fencing.

Specifications:

The below values apply to our standard conveyors. Variations and special designs are possible

Payload	Up to 1.500 kg/item
Length	Up to 6.000 mm
Width	Up to 1.600 mm
Height (motor installed below)	From 400 mm
Conveying speed (depending on product)	Up to 15 m/min Option for variable with frequency inverter
Belt type	POM (40N/mm)
Temperature	-30/+50 °C
Adjustable height in mm	± 50
Motor (IE3/IE4)	SEW EuroDrive or Siemens

Optional:

- Variable speed with frequency converter from SEW MOVIMOT or Siemens.
- Belt type materiel PP (20N/mm) +5/+50 degree.

Special features:

Alignment unit, vertical side guides, vertical side belts.