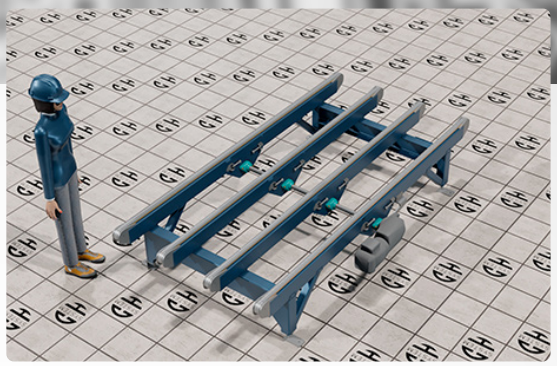
CH·SYSTEM

Chain Conveyors
– for medium duty



Type CCM – For transport with high load and large dimensions

Chain conveyors are often used for pallet or steel cage transport conveyed in the cross direction.

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

The chain dimension and number of strings is selected from our standard model range together with the robust steel frame, supports and motor-frame.

The chain wheels are equipped with double bearings. The drive system is covered by a closed steel guard protecting it from dust and particles.

The drive is centrally placed enabling reversible operation with optimum chain tension.

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.
- Each chain is maintenance free.
- 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 1.000 kg/m
Length	Up to 10.000 mm
Width	Up to 3.000 mm
Height (motor installed below)	From 400 mm
Conveying speed (depending on product)	Up to 15 m/min. Option for variable with frequency inverter
Chain dimensions	5/8" duplex
Distance between strings	Configurable
Numbers of strings from 2 to 8	Configurable
Temperature	-20/+50 °C
Adjustable height in mm	± 50
Motor (IE3/IE4)	SEW EuroDrive or Siemens

Optional:

- Integrated lift for angular transfer and difference in transport heigh (electrical, hydraulic or pneumatic).
- Variable speed with frequency converter from MoviMot or Siemens.

Special features:

Stop plates, vertical side guides, step plates for walk-over.