

**WIESE**  
Fördererelemente

## Unit Load Vertical Conveyors



# Unit Load Vertical Conveyors

WIESE vertical conveyors provide gentle unit load handling for a wide range of product configurations with sizes up to a Euro pallet.

The WIESE S-conveyor provides vibration free vertical transfer for unit loads from the horizontal infeed conveyor to the discharge - either up or down.

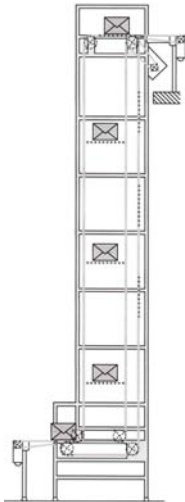
We are able to offer a range of vertical unit load conveyors to suit a variety of applications, each tailored to individual requirements. At the heart of all our conveying systems are the heavy duty WIESE rubber block chains.

- Heavy load pallet elevators for loads up to 2t
- Reciprocating elevators
- Circulating conveyors
- Indexing elevators
- Circulating fork elevators

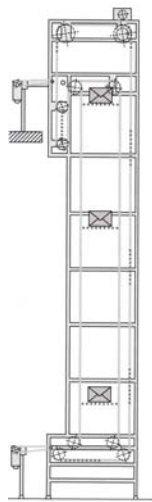
## Vertical S Or C-Conveyor For Boxes And Pallets

WIESE continuous vertical conveyors can provide considerable space saving over more conventional inclined conveyors and can be configured for 'S' or 'C' shape.

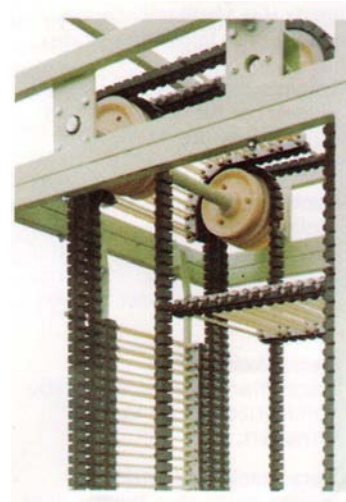
A series of polyester rods form the platforms which are carried by WIESE rubber block chains, providing quiet smooth running with high throughput rates.



S-Conveyor



C-Conveyor



Polyester rods form platforms

## Information required for a quotation:

- Transporting capacity
- Dimensions
- Unit weight
- Output
- Feed height
- Lifting height
- Feed
  - continuous
  - manual
  - with or
  - without automatic transition device

### Technical data

Output parameters

$v$  = Belt speed (0,3–0,5 m/sec.)

$L$  = Platform length (m)

$H$  = Height of goods carried (m)

$T$  = Platform division (m)

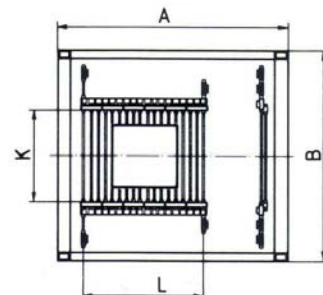
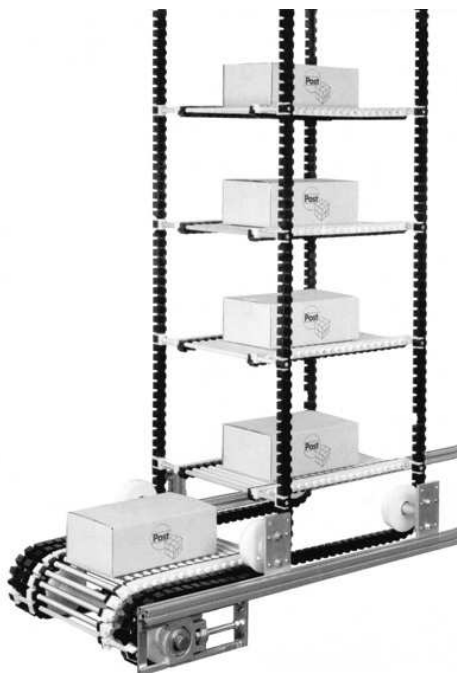
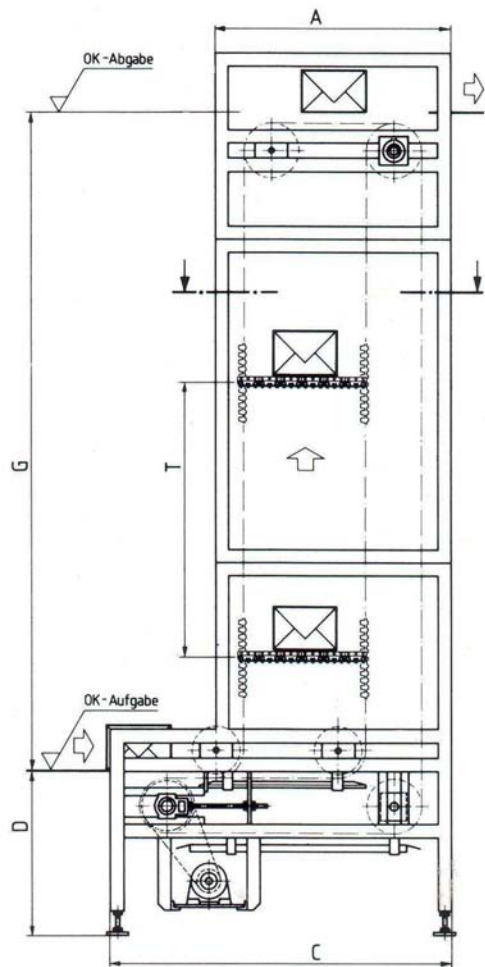
$T = L + H + 0,1$  (m)

$Z$  = pieces/h

$Z = \frac{3600 \cdot v}{T}$  (pc./h)

### Permissible loads:

50 to 70 daN per platform, depending on the contact surface of the goods conveyed.



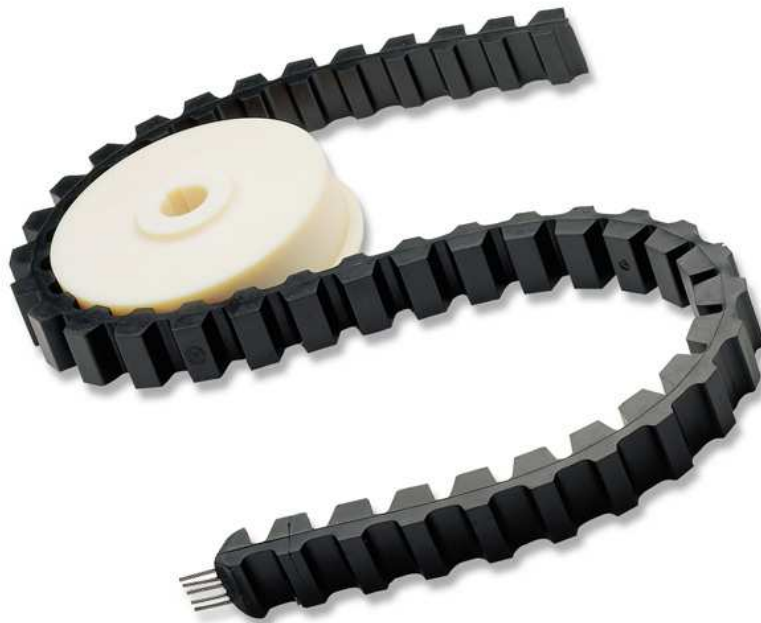
## Wiese Rubber Block Chains

At the heart of all our conveying systems are the heavy duty WIESE rubber block chains.

The rubber outer layer is bonded to high tensile flexible steel cables in a high pressure vulcanising process. Even in the most arduous of operating conditions, such as when used in an extruded rubber cooling line where the belts are continuously submerged in water, this powerful bond between the rubber carcass and inner steel cables ensures total corrosion free operation and long service life.



- silent operation
- wear resistant
- maintenance free
- no corrosion
- without hinges
- stretch resistant
- chemical resistant



Further Information Is Available From:



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