

# VARIOFLEX-System

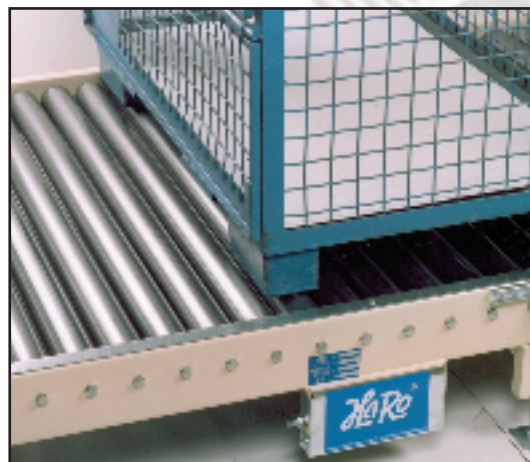
Special roller conveyor system for the transport of cages and steel boxes with feet.



**HARO**<sup>®</sup>



Transport of cages with pick-up hopper.



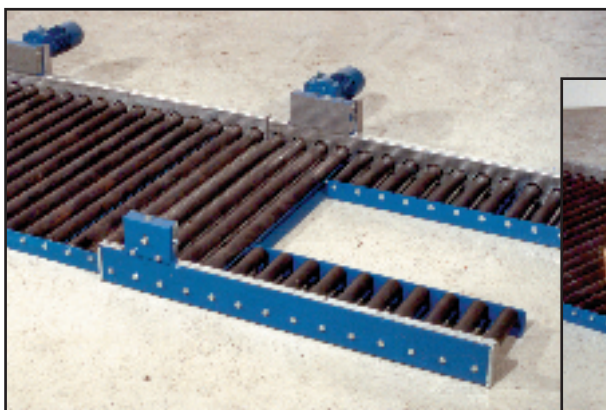
Close roller pitch permits small surface areas.



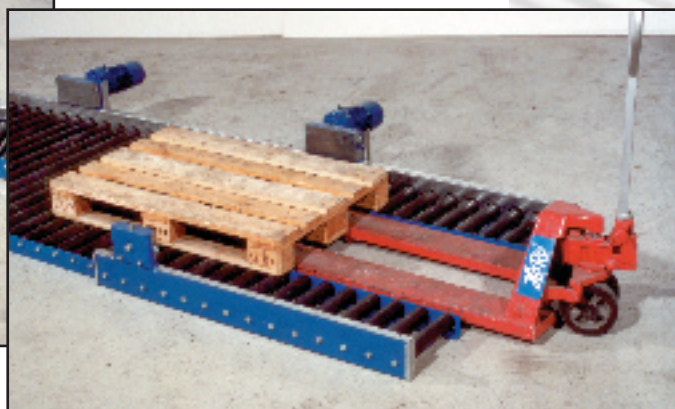
Sensors guarantee an accurate positioning of the goods to be conveyed.



The closed drive side with the sensor reflector.



Pick-up/ distribution for Euro pallets via fork lift truck.





## System "Varioflex"

The roller belt range is specially developed for metal cages and containers with a small surface area. This is permitted by the narrow roller pitch. The exceptional stability of the bearing roller is achieved by the extra thick wall of the tube.

At the intersection of one track to the other, the close roller pitch is retained due to the special sprocket wheel and the chain guide. The compact design of the motor station permits low overall heights and simple chain tensioning.

### Technical data

**Length:** max. 6.000 mm with motor

**Width:** Effective width = Roller length of shell in 100 mm increments from 400 mm to 2,000 mm

**Height:** Overall height = Height at the upper edge of the roller, the two lateral profiles are above the level of the roller. The lowest overall height of 115 mm is achieved by relocation of the motor to the exterior.

**Roller pitch:** 85 and 100 mm

**Speed:** ranging from 6 m/min to 20 m/min according to motor speed

**Drive motors:** Fabrication Nord. Other motors can be supplied at an additional charge.

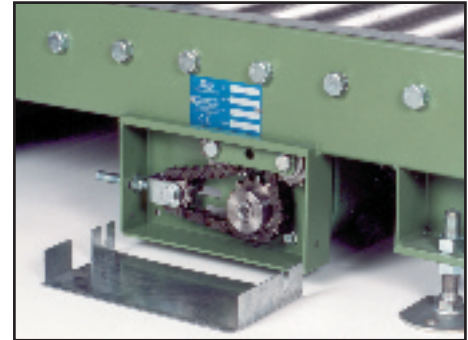
**Drive capacity:** Standard 0.37 KW



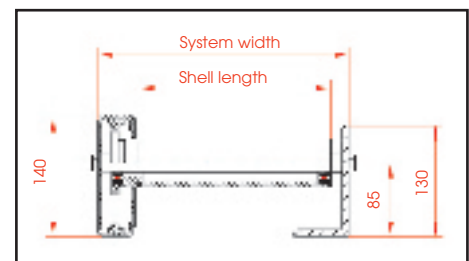
**Motor station closed**

### Cross section of the system

A C 140/40/15/3 is employed as the lateral profile on the driven side, and an L 130/65/8 is employed on the non driven side.

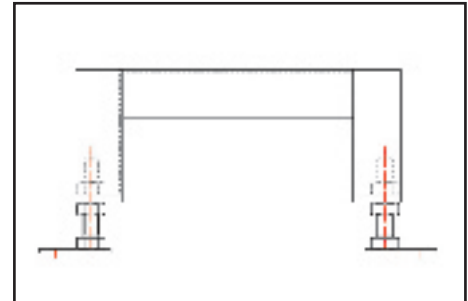


**Motor station open**



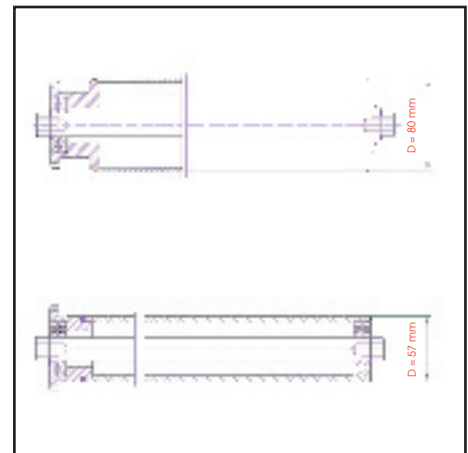
### Trestles

The trestles consist of U-profiles (120/60/4), which are welded to the bearing profiles. This ensures the high stability of the roller belt. They are equipped with M 20 threaded spindles to balance unevenness of the ground. ( $\pm 30$  mm)



### Bearing rollers

Rollers from the Varioflex 20 or Varioflex 25 ranges are employed as bearing rollers. The bearing roller Varioflex 20 (diameter of spindle 20 mm) is supplied with a bearing roller tube made of seamless tube 57 x 5.6 mm or a precision steel tube 80 x 3 mm. The spindle is equipped with a female thread M 12. The Varioflex 25 bearing roller (spindle diameter 25 mm) is supplied with a bearing roller tube 57 x 6.3 mm and equipped with an M 16 axle arm. The chain wheels have the dimension 5/8" x 3/8", Z = 14 mangle gear.



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... and the Production rolls!