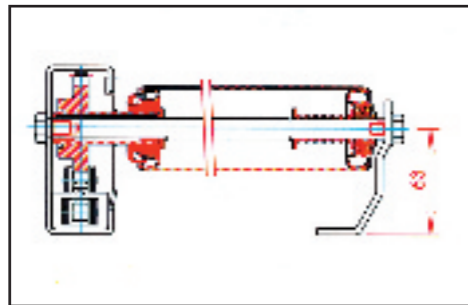


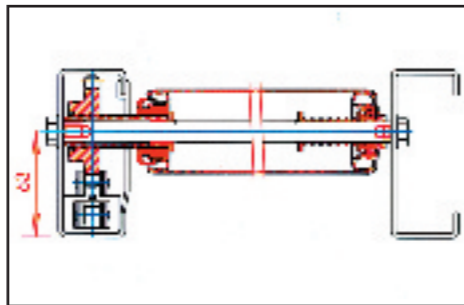


The bearing profile on the driven side consists of a C 100/40/15/3. A plastic hexagon bush is seated on the rigid round spindle at the driven side. The slip clutch frictionally set into the roller base transfers the driving force



On the non-driven side of the Favorex 200 system, a corresponding angle bracket 80/40/4, which is positioned below the level of the rollers, is employed as a bearing pro-

file. This permits output at the non driven side of the system. In the Favorex 201 system, a C-profile is also applied as a bearing profile. This permits output at the non driven side of the system. Support rollers with diameters of 50, 60 and 80 mm can be selected.



file. This permits output at the non driven side of the system. In the Favorex 201 system, a C-profile is also applied as a bearing profile. This permits output at the non driven side of the system. Support rollers with diameters of 50, 60 and 80 mm can be selected.

Further **Haro®**-Systems

- Chain conveyer
- Belt conveyer
- Vertical converter
- Shuttle
- Controlling
- and much more

**Rüthen**  
Phone 0 29 52/817-0  
Fax 0 29 52/8 17-30  
Industriestr./Möhnetal 30  
D-59602 Rüthen

**Wermelskirchen**  
Phone 0 21 96/9 44-32  
Fax 0 21 96/9 44-90  
Elbringhausen 22-25  
D-42929 Wermelskirchen

**Leipzig**  
Phone 03 42 93/2 92 70  
Fax 03 42 93/2 96 77  
Grethener Str. 9  
D-04668 Leipzig/Großsteinberg

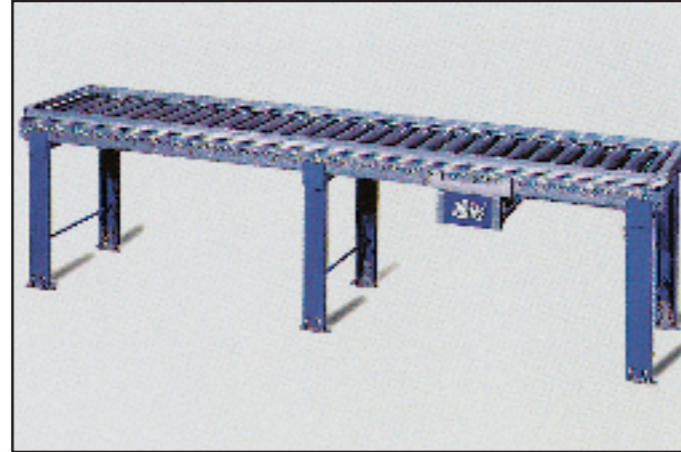
Or visit our website in the Internet:  
<http://www.haro-gruppe.de>  
Email: [info@haro-gruppe.de](mailto:info@haro-gruppe.de)



## FAVOREX® meets the demands in every sector

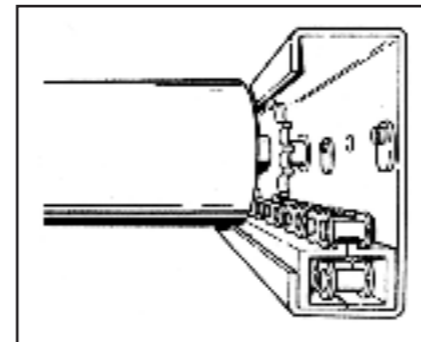
The patented accumulation system can be applied for the transport of every type of material to be conveyed, if the item has a flat base surface. From car tyres to pieces of furniture, FAVOREX transports everything reliably to the required destination. This system does not require any lever mechanics for accumulations purposes. Therefore the material to be conveyed is stacked without gaps – independent of length. Each roller operates weight-dependently. A higher driving force is generated by higher loading whereas less weight generates a lower dynamic pressure. Thus every part weighing between 10 kg and 900 kg can be transported in the same manner.

The FAVOREX – elements are produced in lengths ranging up to 6.000 mm with a motor unit. This has the great advantage in that they can easily be re-used in the case of alteration to the conveying track. The system consists of modular units with a high guarantee of flexibility.



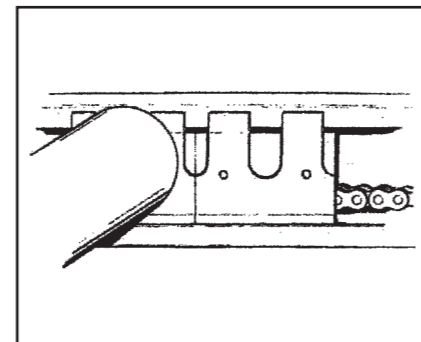
### Chain design in plastic

Due to the designing of the chain and the special plastic profile, the roller conveyor runs very smoothly and abrasion-resistently. The chain and the chain wheel are not subject to wear and tear. The chain wheels are also made of a special plastic and equipped with oversize pin wheel gear. This means secure power transmission from the chain to the chain wheel and particularly smooth operation.



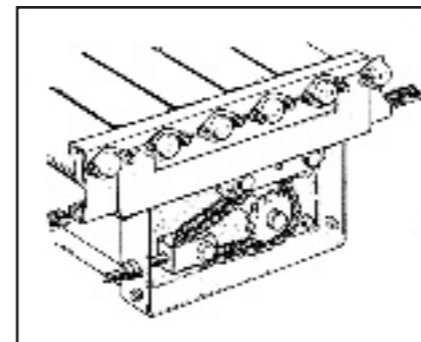
### Enclosed gearbox

On the driven side the profile is entirely enclosed by plastic plates. Exact notches for the spindles on the bearing rollers are designed. This means: the greatest possible accident prevention. In addition, the plates prevent the ingress of dirt, water drops or small parts.

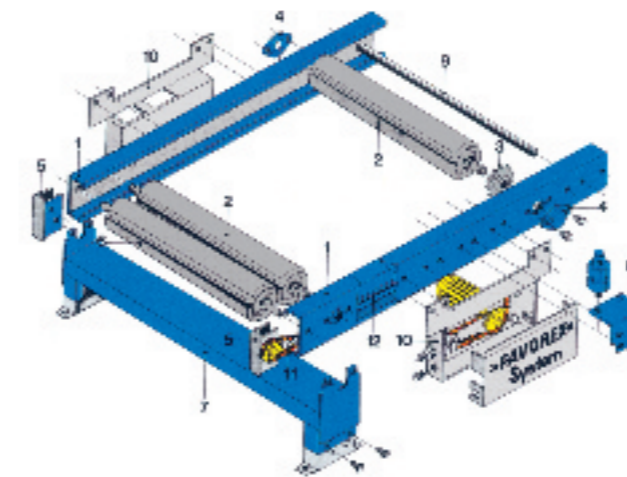


### Motor station in modular construction

A height of only 145 mm when mounted beneath the track is achieved due to the application of a flange motor. Thus the installation of the elements is also possible in throughways and in elevators. In addition a chain is adjusted in the motor station. A tension of 150 mm is adequate for the entire service life of the chain, without necessitating the removal or replacement of links in the chain.



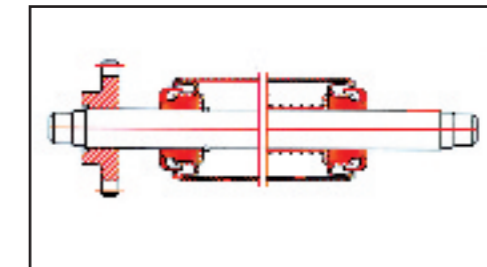
## FAVOREX® System "FX" 900"



1. Lateral profile made of C 100/40/15/3
2. Bearing roller Favorex, hexagon spindle - SW 19
3. Plastic chain wheel with hexagon socket
4. Flange bearing with ball bearing
5. Tail end for the pick-up of the idler pulley, steel and the end roller (not driven).
6. End roller Quickly 15, precision ball bearing in the roller
7. Trestle with side loaders height-adjustable +/- 30 mm
8. Universal bracket for mounting the trestle, to pick up the guide rollers or for side limit.
9. Distance spindle with female thread M8.
10. Motor station incl. motor and cover.
11. Driving chain precision roller chain
12. Chain guide profile is restored via the profile.

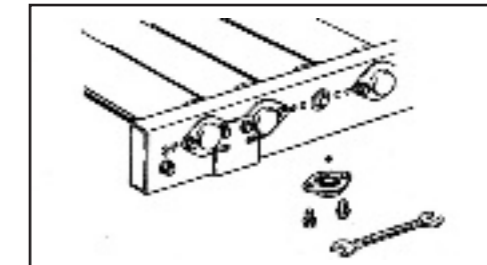
### Patented stowage system

The core of the system is the rotating hexagon spindle. A plastic bus is seated on the spindle with a slip clutch which is enclosed in the roller shell. The roller remains stationary during the stowage procedure, The spindle continues to operate until the goods to be conveyed can run freely again.



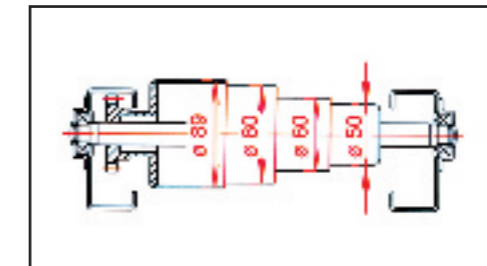
### Support rollers face end shields with flange bearings

The flange bearings mounted on the profile permit the simple installation and demounting of the rollers, stoppers etc. The drive is not interrupted at this point due to the rotating chain; The roller conveyor continues to be completely operable.

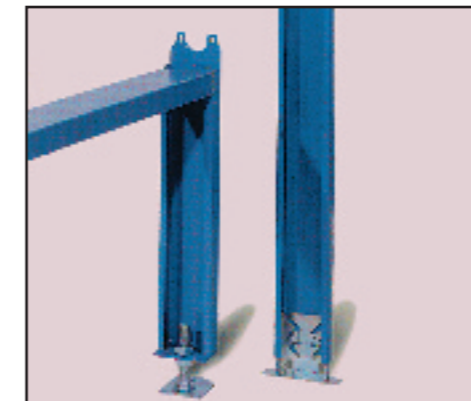


### Cross section of the system

Four different roller diameters can be installed: 50 mm, 60 mm, 80 mm and 89 mm. With the 80 and 89 diameter the bearing roller is located above the lateral profile, with the 50 diameter rollers, the profile forms a lateral guide 17 mm high and with the 60 diameter roller forms a lateral guide 7 mm high. Other guiding options are an angular profile or a flange on the roller.



### Trestle



The trestles are manufactured from system-identical C - profile 100/40/15. They are height-adjustable by +/- 30 mm, to balance unevenness on the floor.



The loading capacity varies according to the design and the height. The distance between the feet can be fixed in 100 mm increments.

### Basic Technical Data

(applies to all FAVOREX - System - Types)

- Length:** Profile length up to max. 6,000 mm
- Width:** Effective width between 100 – 2,000 mm
- Height:** at least 270 mm (floor surface to upper edge bearing rollers); max 1,000 mm. Special constructions are required for heights exceeding 1,000 mm. Lowest height when the motor is relocated to the exterior: 92 mm
- Roller pitch:** 85, 100, 150, 170, 200, 300, 400, 450 and 500 mm
- Speed:** Speeds ranging from 5,8 m/min to 17 m/min are possible according to the motor speed
- Drive motor:** Spur gear motor supplied by all conventional manufacturers
- Drive power:** 0.18 kW to 0.55 kW
- Loads:** Up to 900 kg/m

We reserve the right to make technical alterations