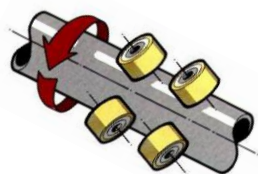


OCS universal system

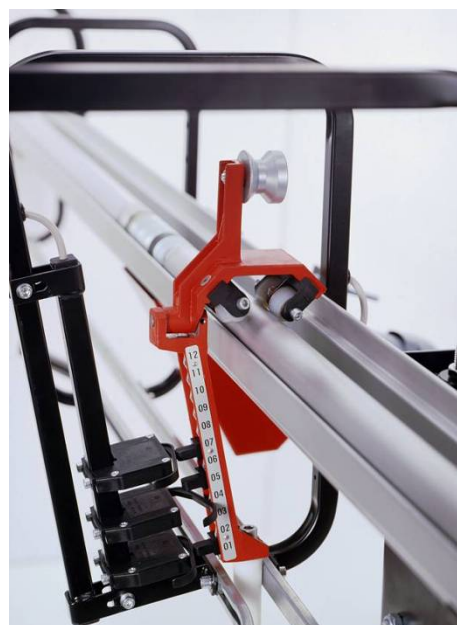


The system consists of the following main parts:

- Trolleys
- Product carrier
- Handles up to 30 kg / meter track
- Power rotating tube mounted in aluminium profiles
- Worm gear motors
- Gravity line
- In and out feeder
- Curves / switches
- Work / picking stations
- Buffer positions
- Elevators / inclining / declining
- Addressing and reading
- Flexible steel structure



The driving power of the system is transferred from a rotating tube to four tilted wheels of the trolley. A simple, reliable and patented solution requiring no lubrication.



OCS universal system

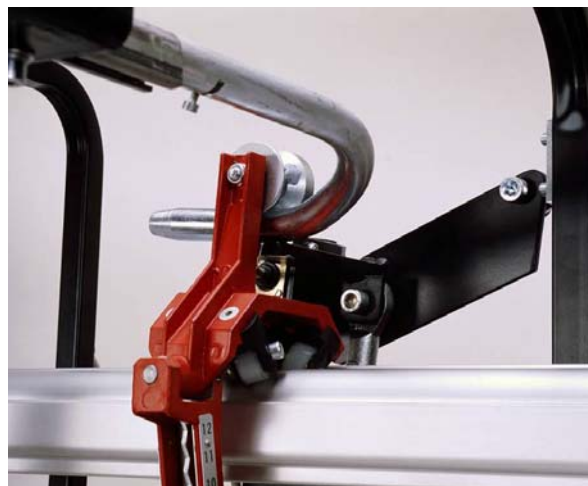
In order to have the trolleys sent to right destination there are two alternatives for identification. There is a mechanical system with indexes that operator move manually to achieve a address, or an automatic system with a unique barcode or transponders.



Trolley on gravity rail for manual movement



Simple and reliable components control the trolley between the various sections of the system. The out feeder takes the trolley off the line and the in feeder brings the trolley back on line.



OCS universal system

Driven curves from 5 to 180 degrees are available. A ductile tube of polyurethane drives the trolley through the whole curve section and provides the system full control over the carrier and an even movement.



The driving speed can be adjusted from 1 to 30 m per minute depending upon the gearing. Different sections of the system may be driven with different speeds. The system can work with an ascent of 20 degrees.



 **OCS**
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