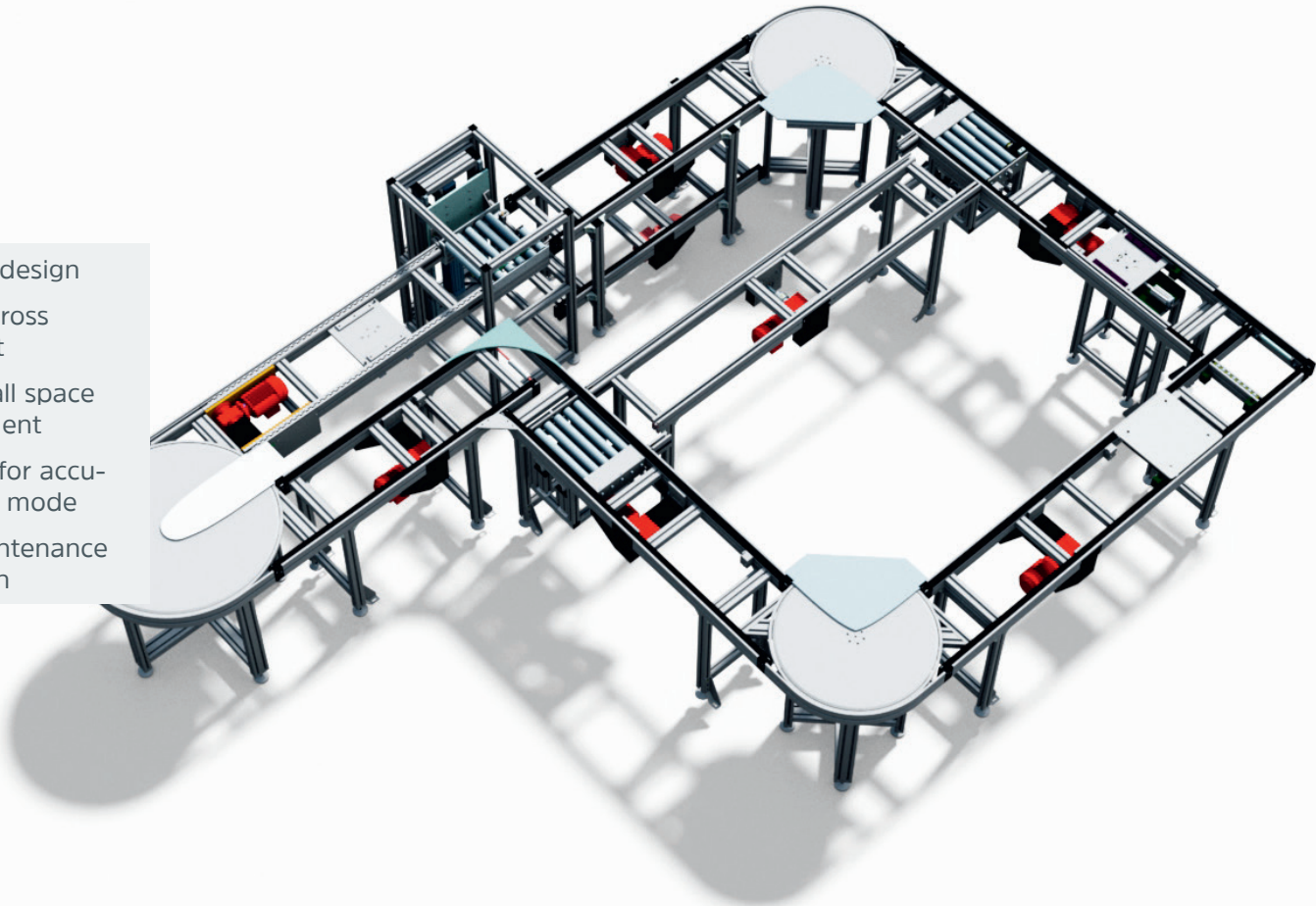


- Modular design
- Precise cross transport
- Very small space requirement
- Suitable for accumulation mode
- Low maintenance operation



FLEXIBLE MOUNTING SYSTEM FMS

Conveyor Technology



PRODUCTS



SOLUTIONS



SERVICE

WORKPIECE CARRIER TRANSFER SYSTEM: FMS

Flexible mounting system

with workpiece carriers which are transported on accumulation roller chains, special belts or chains.

Standardized modules for exact positioning, lifting or turning enable the very fast realization of complete assembly lines. Numerous installations at renowned automotive suppliers have proven the reliability and economy of this transport system for years. The patented deflection technology reduces the control effort for the entire system to a minimum.



KEY FEATURES

- A complete transport and positioning system for workpiece carriers, the fastest and most versatile form for process optimization in series production.

1. Workpiece carrier

- Precision milled carrier plate
- Accessible from all sides, also from the bottom side
- Antistatic polyethylene sliding strips
- Wheels in the corners reduce lateral friction and improve guiding properties
- Exact position detection with centering bushes

2. Transverse transport

- Inward and outward transfer, change of direction
- Very small space requirement
- Easy to integrate into the system

3. Rotary plate

- Without controls
- Virtually maintenance-free
- Constant orientation

4. Lifts up / down

- Vertical method with pneumatic or electric actuator
- Precise guidance with linear units

5. Belt and chain conveyors

- Variations: Double belt, chain drive or combination
- Suitable for accumulation operation
- Structure made of aluminium profiles
- Easy to expand and reusable

6. Separating stop

- Separating stop: without or with damping from 3 to 220 kg
- Switch holders: Various holders for inductive proximity switches M12 ensure the absence and continuity control of the workpiece holders

7. Lifting and positioning device

- Exact positioning of the workpiece carriers for machining operations
- Maximum load 100 kg
- Optionally with turning device for changing direction