

Designed for a work-piece tray load of up to

500 kg

ROLLER CONVEYOR SYSTEM RMS

Conveyor Technology



PRODUCTS



SOLUTIONS



SERVICE

WORKPIECE TRAY TRANSFER SYSTEM: ROLLER CONVEYOR SYSTEM RMS

Smooth **material flow**. The roller conveyor system RMS

- Flexible modular concept
- Precision rollers with adjustable friction
- Standard WT widths: 300, 400, 500, 600 mm
- Load per workpiece carrier: up to 300 kg
- Ingeniously simple and patented deflection



KEY FEATURES

- Smooth material flow.
The roller conveyor system RMS from **MiniTec**.

1. Workpiece tray

- Strong workpiece tray frame made of anodised aluminium profile
- Workpiece tray plate can be manufactured according to customer requirements
- Centering bushes for precise positioning
- Replaceable UHMW sliding strips

2. Rolls

- Stowable friction roller
- Easy adjustment of back pressure
- 4 precision ball bearings per accumulation roller

3. Drive units

- Standard geared motor

- Automatic chain tensioning
- Transparent protection for easy maintenance
- Reversible version for more flexibility

4. Lifting and positioning unit

- Stable guided and pneumatic lift positioning unit
- Positioning accuracy +/- 0,1mm
- Also executable with rotary unit or high excavation

5. Separating

- Pneumatic separating with adjustable damping
- Low-noise and soft stopping of the workpiece tray
- Numerous designs for a wide range of production requirements

6. Deflection

- Deflection with low control effort in the narrowest of spaces
- No change in the orientation of the workpiece tray to the transport direction
- The deflection system „DELTA“ is a standardized and universally usable system, which is suitable for all deflection variants in 3 versions.
- DELTA 1 fixed for simple 90° deflections.
- DELTA 2 spring-mounted for infiltration into a main or secondary line.
- DELTA 3 controllable and pneumatic for discharge with changing deflections.