AMR010

ACCUMULATION OR TRANSFER CONVEYOR



TRAINING APPLICATIONS

- **Activities involving the integration of a technical solution at the conveyor outlet of an existing training machine (for filling, inspection, packaging, etc.), providing a temporary buffer for work in progress or transferring products between 2 stations at different heights.**
- **Mechanical adjustments to suit the intended use, the height of your machines and the width of the products to be transferred or accumulated.**

OPERATING PRINCIPLE

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This accumulation or transfer conveyor can be installed:

- Downstream of a machine conveyor, such as our MLP550 robotic arm case packer, to provide a mobile, one-metre-long temporary buffer for work in progress.
- At a specific location to receive bins, boxes or flat-bottomed parts delivered by our versatile AMR100 Autonomous Mobile Robot (equipped with a motorised conveyor), as part of robot configuration activities (creating transport missions between two points).
- Between two machines at different heights to transfer work in progress.

This conveyor features:

- Adjustable side guides to accommodate products up to 300 mm wide.
- Small-diameter galvanised steel rollers with a 32 mm pitch, allowing even short products to be handled.
- Support legs with adjustable height and inclination to suit different configurations.
- A removable end stop for switching between gravity accumulation and product transfer between 2 points at different heights.
- 4 swivel castors with brakes for easy movement.

The robust design of this equipment makes it particularly suitable for use in educational environments.
Its wheeled frame provides great flexibility for installation on your premises.
This equipment is manufactured in accordance with the European Machinery Directive.

This equipment can be used on its own or with other compatible equipment in our range (see the final section of this document).

Illustrations



Technical specifications

1. Gravity conveyor with Ø20 mm galvanised steel rollers, 32 mm pitch, 300 mm width, 1000 mm usable length and spring-loaded metal axles.
2. Ø12 mm round galvanised steel side guides, adjustable for widths up to 300 mm.
3. Removable stop
4. 4 legs with adjustable height and inclination.
5. Base fitted with 4 swivel castors with brakes.

Installation requirements

- Dimensions (L × W × H, mm): 1000 x 400 x 1200
- Weight (kg): 20

Note: If the equipment is installed by our team, all utility connections must be located within 2 m of the machine.

Documentation

- Instruction manual
- Technical documentation
- CE certificate of conformity

Compatible additional equipment

- Fixed workstation made of anodised aluminium profiles, tailored to your environment. — Ref : AMR015
- Complete kit enabling the AMR100 robot to collect products from the conveyor outlet of your existing machine. — Ref : AMR020
- Complete kit enabling the AMR100 robot to deliver products to the conveyor inlet of your existing machine. — Ref : AMR050
- Versatile Autonomous Mobile Robot equipped with a conveyor with adjustable height and width. — Ref : AMR100

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