Alvey presents its innovative system of fully modular pallet conveyors and accessories:

- All you need for pallet transport
- Designed based on 50 years experience
- Competitive pricing means excellent value for money
- Modular design with simple layout options
- Designed specifically for intralogistics integrators
Modular System to Suit Your Needs

The system consists of several standardised units, which can cover 99% of common pallet handling applications. Alvey’s philosophy is to overspecify its products to achieve maximal durability and robustness. As result, our standard pallet conveyors and accessories are highly reliable building blocks for any efficient pallet conveying system.

Main features:
- Top quality
- Robust design for maximum durability
- Close pitch rollers
- Hot dip galvanised finish as standard
- SEW drives

ROLLER CONVEYORS

The straight roller conveyor is basic part of any conveyor system and is used for longitudinal pallet travel. It is designed for empty or full pallets with loads up to 1,500 kg. Available with range of accessories to suit your systems’ requirements.

- Available in 4 different lengths: 1,522, 2,031, 2,411 and 2,919 mm.
- 3 additional extension modules of +127, +254 and +381 mm.
- It gives the ability to cover any distance needed.
- The robust design is perfectly suited for heavy load industrial environments.
- Five millimeter thick steel is used for the frame.
- Close roller pitch allows for smooth pallet conveying as well as equal load distribution.
- Roller inset plates can be added for personnel access.

CHAIN CONVEYORS

A modular conveyor system used for 90 degree transport of pallets. It is designed for loads up to 7,000 kg. The chain conveyors are quiet in operation, easy on maintenance and handle the load gently, while keeping maximum design simplicity. This makes them perfect choice for any pallet transport application needing multi chain carrier system.
TRANSFER UNITS

Pallet transfer units are used for changing the travel direction without changing the pallet orientation. The pallet crosses from the roller conveyor section over to the chain section (or vice versa) and is not turned. The units are available in several designs, with the conveyor section lifted either pneumatically or electrically.

The transfer unit is intended to be used in combination with chain conveyor. The chain conveyor is placed directly over the transfer unit and fits in between the rollers. This allows for independent integration to any part of the chain conveying system. It also means great benefit in terms of reliability and ease of maintenance.

TURNTABLES

Conveyor turntables are supplied to change pallets’ transport direction by rotation (usually by 90°). We offer them in various designs to suit each customer’s application.

The turntable design is based on our roller conveyor module frame of the 1,522 mm long roller conveyor is mounted on top of the table base. Non-driven rollers are placed at both ends. These allow for smooth pallet transfer between the turntable and adjacent conveyors.

Turntables are available with or without safety covers. The safety covers make the design CE compliant and therefore require no additional safety fencing. These are mounted on the fixed part of the conveyor. Close alignment with the rotary part ensures there are no nip points and risk of injury.

EMPTY PALLET STACKERS/DESTACKERS

The empty pallet stacker/destacker, also known as pallet dispenser; is used for accumulating empty pallets and feeding them onto conveyor underneath. Both widthwise and lengthwise pallet handling is possible.

The stacker unit is designed to be placed independently above either roller or chain conveyor line. The design minimizes the space required for its installation. The unit excels in its versatility as it can handle any pallet size. This is achieved by an adjustable setting mechanism for the gripper width. The stacker can be programmed to automatically accommodate different pallet types and can be used to stack pallets as well as destack. Magazine capacity of up to 15 pallets.
“Over more than 50 years, Alvey Group developed unique in-house knowledge of designing and installing integrated industrial solutions. Our wide product portfolio, knowledge of third party equipment and skilled project management ensure we deliver complete systems on time and within budget.”

Maarten van Leeuwen, Group Managing Director

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For a detailed list of all agencies, visit our website.

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