

QUBIQA HAS DEVELOPED A LAYER PICKER® PROGRAMME THAT ENSURES LARGE FLEXIBILITY IN THE OPTIMIZATION OF THE INTERNAL LOGISTICS!

The general working principle in our three Layer Picker® types is based on a centrifugal fan that creates a vacuum chamber inside the machine head. Height adjustable and inflatable side skirts are then gently pressed against the layer, effectively sealing the vacuum chamber. In this way atmospheric pressure from underneath pushes the products against the suction plate enabling lifting to take place – safely and reliably. Even layers with gaps can be raised efficiently due to valves that automatically close when the air stream exceeds specified limits.

The Qubiqa Layer Pickers® employs patented differential suction technology for safe and gentle product lifting. Based on a low-vacuum chamber principle with no suction cups, the system can handle more than 98 per cent of products in retail distribution – including many products traditionally considered unsuitable for automated handling. The Layer Pickers® provides our customers with the crucial flexibility to meet future demands.

BATCH LAYER PICKING TO MIXED CUSTOMER PALLETS

A large number of the Qubiqa Layer Picker® installations worldwide handle batch layer picking for mixed customer pallets.

Whole layers are picked from article storage pallets and transferred to mixed customer pallets – with or without pallets inserted between layers (sandwich pallets).

The Qubiqa Layer Pickers® can handle multiple layers as well as layers with voids.

QUBIQA LAYER PICKERS® HANDLE WHOLE LAYERS OF ANY PRODUCT WITH A FLAT BOTTOM SURFACE!

THE QUBIQA LAYER PICKERS® IS THE NUMBER ONE CHOICE FOR FAST AND EFFICIENT TRANSFER OF WHOLE LAYERS FROM ARTICLE PALLETS TO MIXED LAYER OR RAINBOW CUSTOMER PALLETS.

QUBIQA IS A SUPPLIER OF INTELLIGENT AND INNOVATIVE STORAGE- AND LOGISTICS SOLUTIONS CUSTOMISED TO MEET THE NEEDS OF EVERY SINGLE CUSTOMER!

Qubiqa 

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Qubiqa Logistics (the former Univeyor) is part of the Qubiqa Group, focusing on innovative quality products and solutions for the optimization of internal logistics. Qubiqa, being a global company, intends to be the lead supplier of intelligent and customized solutions based on innovative concepts and supplied to customers within the logistics business. Qubiqa is "lean" – efficient and technologically geared for the handling of small-size as well as larger projects on a high, but cost-competitive level. The financial platform is solid, and when combined with our know-how and expertise we are ready to enter into competition on the domestic market in Scandinavia and the UK as well as on the global export market.



WE TAKE GOOD CARE OF YOUR PRODUCTS – LEAVING YOU TIME TO CONCENTRATE ON MINIMIZING YOUR COSTS FURTHER!

QUBIQA LAYER PICKING PROGRAMME

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Qubiqa 

QUBIQA - THE WORLD LEADER IN LAYER PICKING



QUBIQA STRIPPER PLATE - FAST AND SAFE REMOVAL OF SLIP SHEETS BELOW FULL LAYERS!

The Qubiqa Stripper Plate ensures a fast and safe removal of slip sheets from underneath full layers. The layer is placed on a plate with friction bars. A chain-driven pusher pushes the entire layer of items off the slip sheet and onto the adjoining system. The slip sheet remains on the plate due to the friction bars and is dropped into a bin below the Stripper Plate when the plate retracts into its home position.

Qubiqa's Stripper Plate provides:

- A functional design and a sturdy construction
- A module built for easy installation in existing systems
- High throughput
- No damage to items
- Easy maintenance

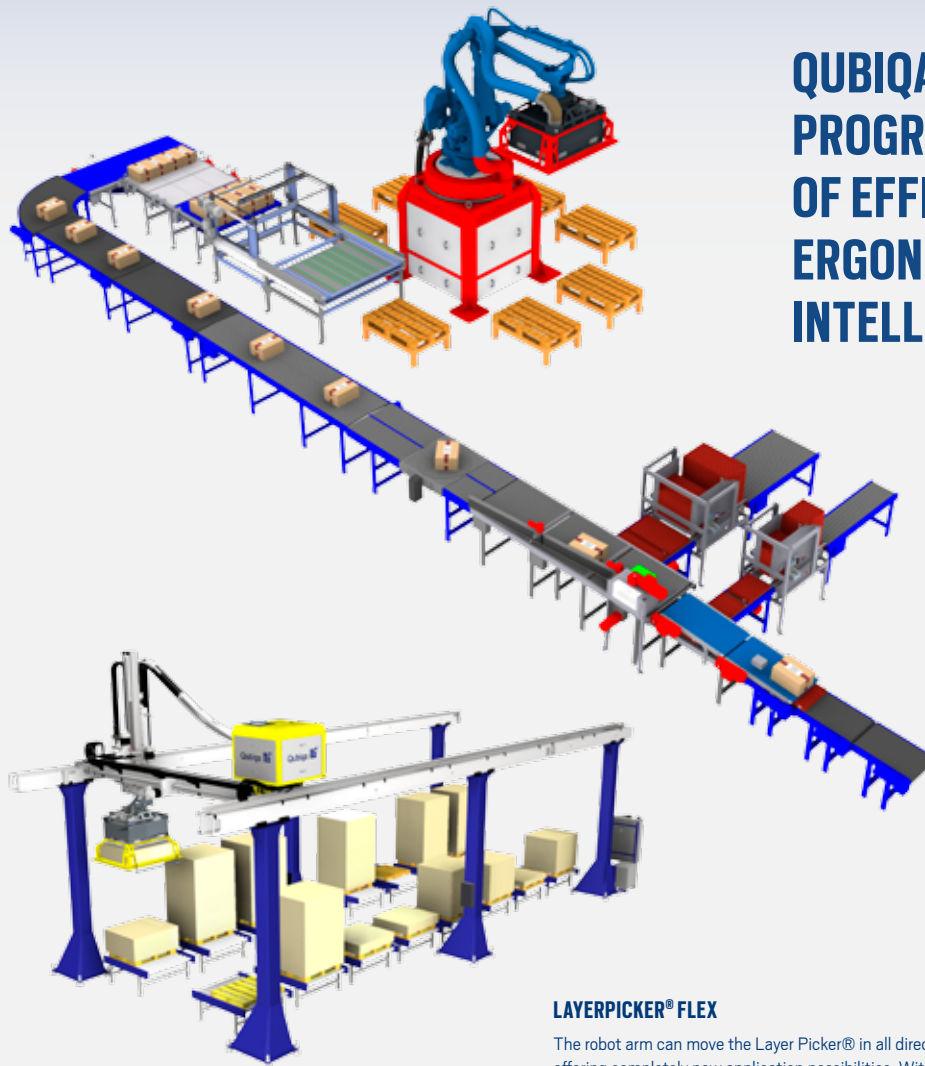
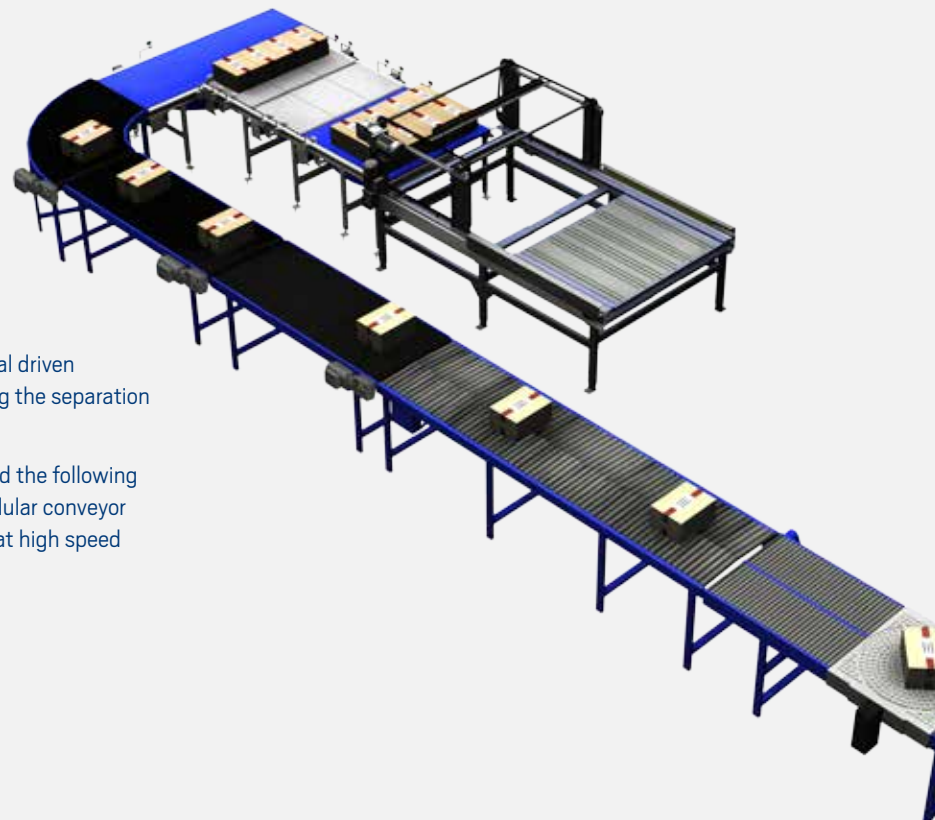
QUBIQA DESCRAMBLER - FAST DESCRAMBLING OF GOODS WITH MINIMAL FOOTPRINT!

The Qubiqa Descrambler is constructed with 3 individual driven modular belts to ensure high speed while safely ensuring the separation of the goods.

First belt acts as a buffer zone for the Stripper Plate, and the following 2 belts separate the rows in the layer. The crossing modular conveyor at the end receives the rows and singles out the goods at high speed onto the adjacent conveyor.

The Qubiqa Descrambler provides:

- A functional design and sturdy construction
- High throughput
- No damage to fragile goods
- Easy maintenance
- A product which integrates in almost any solution



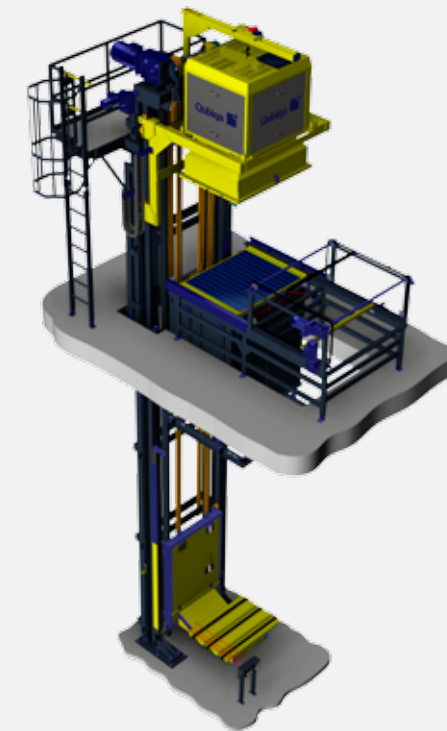
QUBIQA LAYER PICKING PROGRAMMES IS A MODEL OF EFFICIENCY, LEADING EDGE ERGONOMICS AND INTELLIGENT CONTROL!

LAYERPICKER® GANTRY

The Layer Picker® Gantry solution allows for a large number of products to be available for picking at the same time. The Layer Picker® Gantry can be built to almost any size and number of pick pallets to meet customer demands. The Layer Picker® Gantry is primarily applicable for pallet to pallet handling. The pallet to pallet solution can be mixed with a pallet to descrambler solution, giving great flexibility to the layer picking process.

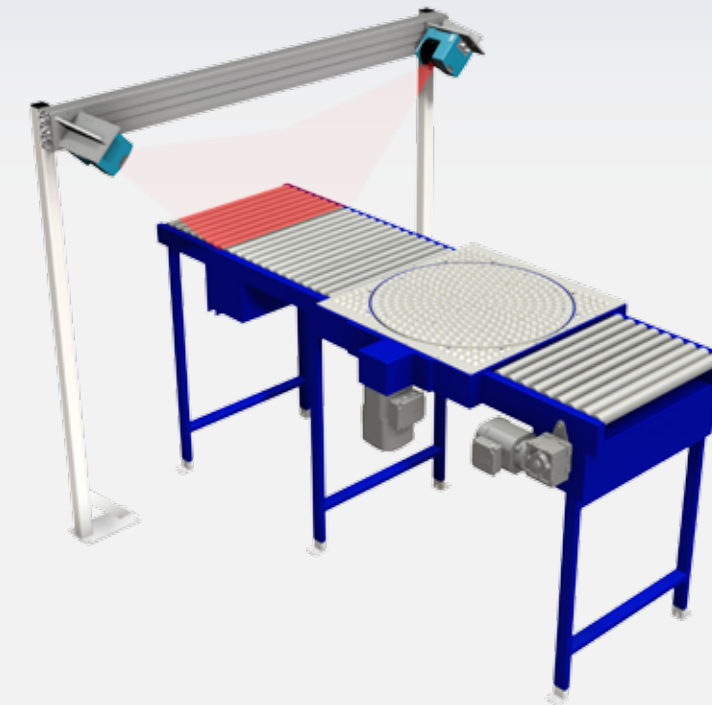
LAYERPICKER® FLEX

The robot arm can move the Layer Picker® in all directions, offering completely new application possibilities. With up to 8 picking or place positions the Layer Picker® Flex-R can be used for both picking for replenishment and batch layer picking at the same time. This means that the Flex-R solution can be used for pallet to pallet picks and negative picking as well. One machine – multiple applications!



LAYERPICKER® HOIST

Qubiqa's Layer Picker® Hoist solution is a well-proven solution with pallet hoist for the lifting of pallets up to the Layer Picker® head. This solution can be used either with descrambling alone and / or with an integrated pallet to pallet solution. The Layer Picker® Hoist offers a very stable and straightforward layer picking function in virtually any environment.



BOXTURNER - FAST AND PRECISE ROTATION OF ITEMS FOR CORRECT ORIENTATION AT FULL SPEED!

The Box Turner ensures a quick, precise and reliable rotation of items with even bottoms. The Box Turner receives items in the centre line of the conveyor at a random, turned position. Immediately before the Box Turner, the position of the item is detected by the scanner, and the item can be turned to have long side or short side leading. Turning of items in other angles will also be possible upon request.

The Qubiqa Box Turner provides:

- Functional design and sturdy construction
- High throughput
- No touch and poking of items
- No damage to items
- Easy maintenance

TRAY LOADING SYSTEM - TRAY LOADING SIMPLIFIED!

The Qubiqa Tray Loading System offers a high capacity, different tray sizes and loading patterns. Customized setup for each installation makes the tray loader highly adaptable in almost any system. The tray loading system handles two different tray sizes with high capacity and throughput. After correct orientation of items, a pusher ensures that items are placed on the correct location, and tray loading takes place on the fly.

The Qubiqa Tray Loading System provides:

- High throughput
- Up to 2,100 trays/h
- A system that integrates in almost any setup
- High utilization of the tray
- A solution that meets your demands

