

## *Palletizer P 5020*

# The powerful and cost-effective solution for maximum accuracy and different pallet loading arrangements.

### ***Diverse applications at the end of the line***

The Palletizer P 5020 is a machine that loads packaged products onto pallets. The GMP-compliant concept is geared to maximum compatibility, flexible adaptation to customer requirements as well as optimum performance and comfort. The P 5020 picks up packed cases, open trays, display packs, shrink-wrapped bottle bundles or other forms of products and accurately stacks them on pallets: quickly or slowly and from any desired direction. A multifunction system with an appropriate adapter head guarantees this flexibility. For continuous packaging processes, an optional weighing unit can be installed at the front of the machine. The palletizer is suitable for all standard pallet systems commonly used throughout the world as well as all possible intermediate dimensions. The products can be fed from all four sides.

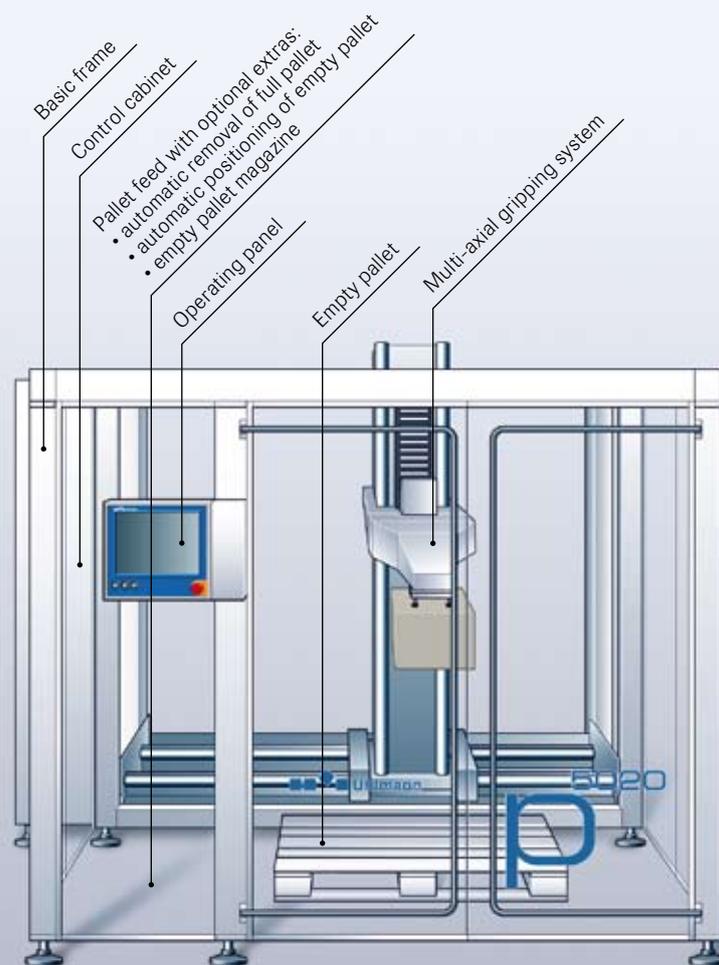
Packed cases or bundles are loaded onto pallets at 20 movements or ten cycles/minute. Depending on the pallet loading arrangement as well as the size, weight and form of the items, two or more items can be lifted at the same time. The full pallet is removed manually and replaced. An alternative for particularly fast processes is the automatic supply and positioning of empty pallets from a magazine system with capacity for ten pallets, including storage and conveyor facilities. A further option is the twin palletizer with space for two pallets. These are automatically loaded one after the other. Operation of the machine is straightforward using the central operating system with 3-D visualization. An Uhlmann packaging line comprising a blister machine, cartoner and end-of-line packaging machine uses the same operating technology throughout.



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### The Palletizer P 5020 at a glance. Technical data:

<b>Case size</b> [A x B x H]	max. 600 x 500 x 500 mm	<b>Space required</b>	
<b>Case weight</b>	max. 25 kg	Machine width	approx. 2,500 mm
<b>Performance</b> [1/min]	20 movements/10 operating cycles	Machine height	approx. 2,200 mm
<b>Pallet height</b>	max. 1,500 mm	Machine length	approx. 3,600 mm (with standard feeding system)
<b>Pallet size</b>	max. 1,200 x 1,200 mm		



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### Components and features of the Palletizer P 5020

- Dismountable frame with adaptable protective acrylic glass panels for optimum visual control
- Feeding of items from all four sides possible
- Adjustable pallet positioning
- Linear robotic arm with four programmable servo axes for linear and rotary motion
- Secured door system ensures operator safety
- Options: labeling unit, loading area for two pallets, magazine for empty pallets, different feeding alternatives, use of load cells for weighing, insertion of an intermediate layer of paper as well as mechanical gripper, vacuum suction cups and special heads for additional applications

### Additional advantages of the Palletizer P 5020

- Simple, fast format adjustment without tools
- GMP-compliant machine design for easy cleaning and maximum pharmaceutical reliability
- Central operating system with 3-D visualization and printer interface
- Integration of separate production data acquisition system possible
- Predestined for line integration with the central line control system SCADA
- Large variety of installation and line alternatives possible

Feeding of packed cases and linear robotic arm



Placing of packed case on pallet



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