



Machinflex

Pallet magazine **PAL 20S**

Proper disposal and storage of Euro pallets (PALETTE EUR-EPAL®) in daily operations can significantly streamline business processes while maintaining high-quality standards.

Production facilities, warehouses, and packaging areas benefit from optimized pallet handling spaces. Adequate organization ensures that workers can maneuver pallets efficiently, promoting both operational efficiency and workplace health and safety.

The **PAL 20S** is suitable for a wide range of industries, particularly in the food, chemical, and woodworking sectors.



ADVANTAGES

Optimization and Efficiency

The pallet magazine is designed to stack and destack pallets at a speed that matches the worker's maneuvering pace.

This seamless optimization enhances pallet flow and significantly boosts worker productivity.

Increased Safety in the Workplace

The pallet magazine ensures secure storage of pallets, preventing them from falling and creating potential hazards.

Additionally, by eliminating the need for manual pallet lifting, it reduces the risk of injury and significantly enhances overall workplace safety.

Space Savings and Organization

Storing pallets in a single, well-organized location maximizes space utilization in production and storage areas, ensuring a neat and efficient work environment.

Sustainable Business Practices

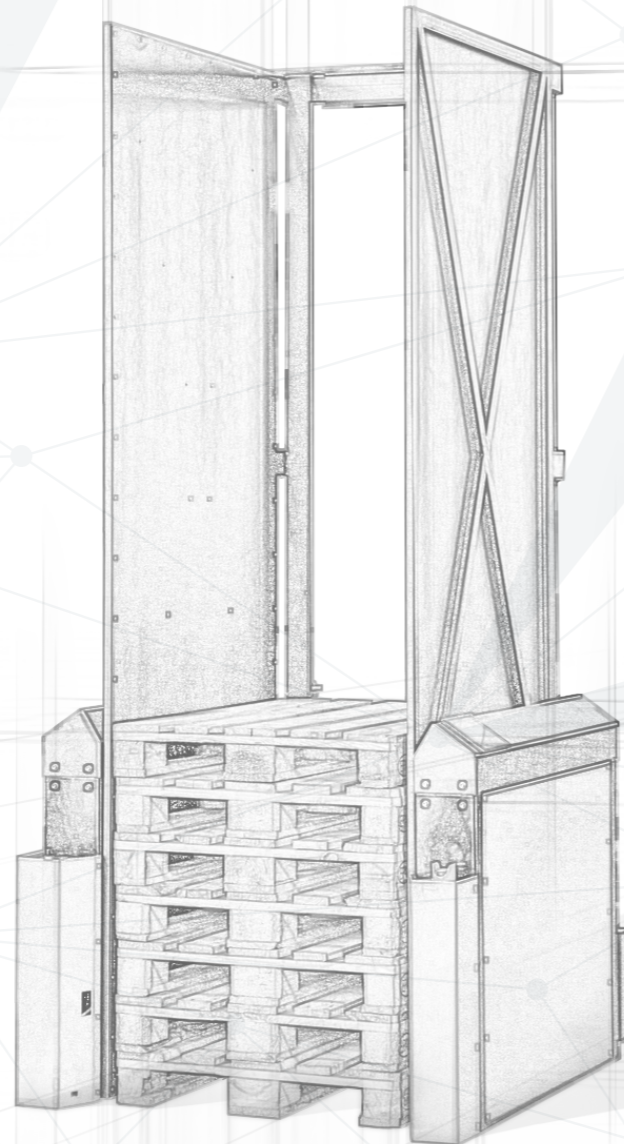
By optimizing time and space while operating with low electricity consumption, the system achieves significant energy savings.

By extending the lifespan of pallets, the system enhances resource efficiency and contributes to environmental sustainability.

Damage Reduction and Extended Pallet Life Cycle

The pallet magazine employs a controlled system to stack and destack pallets smoothly, preventing sudden movements that could cause damage.

Storing pallets in an organized manner protects them, enhancing their durability and extending their life cycle.



OPERATION MODES

Tracking and Statistics

Keep track of the number of pallets stacked and destacked within a specified time period. This feature allows for detailed analysis of operator performance, supported by RFID operator identification or login credentials.

Control System Compatibility

Easily switch between different control systems, including Siemens S1200 PLC and Weintek, to adapt to specific operational requirements.

Standalone or Integrated Operation

The pallet magazine operates either as a standalone unit or seamlessly integrates into existing material handling systems, including smooth collaboration with robotic automation.

Flexible Stacking and Destacking Methods

Configurable for both automatic and manual pallet handling, providing flexibility to meet diverse operational needs.

Versatile Hopper Configuration

The hopper is designed to accommodate various pallet pickup methods, including space-saving solutions like pneumatically actuated rodless cylinders.

Multiple Stacking/Destacking Methods

- Directly from the floor
- From a conveyor belt or transport system
- Using a pallet truck



TECHNICAL CHARACTERISTICS

Type	Article Code	Pallet size LxWxH (mm)	Lifting capacity/ Number of pallets kg/No.	Machine dimensions LxWxH (mm)
Standard	PAL 20S	L 1200 W 800 H 150	600/20	L 1520 W 1340 H 955/2350
Custom made *	PAL FLEX	L 1200 W 800-1200 H 100-180	600/20 * pallets may differ	L 1520 W 1340-1740 H 955/2350

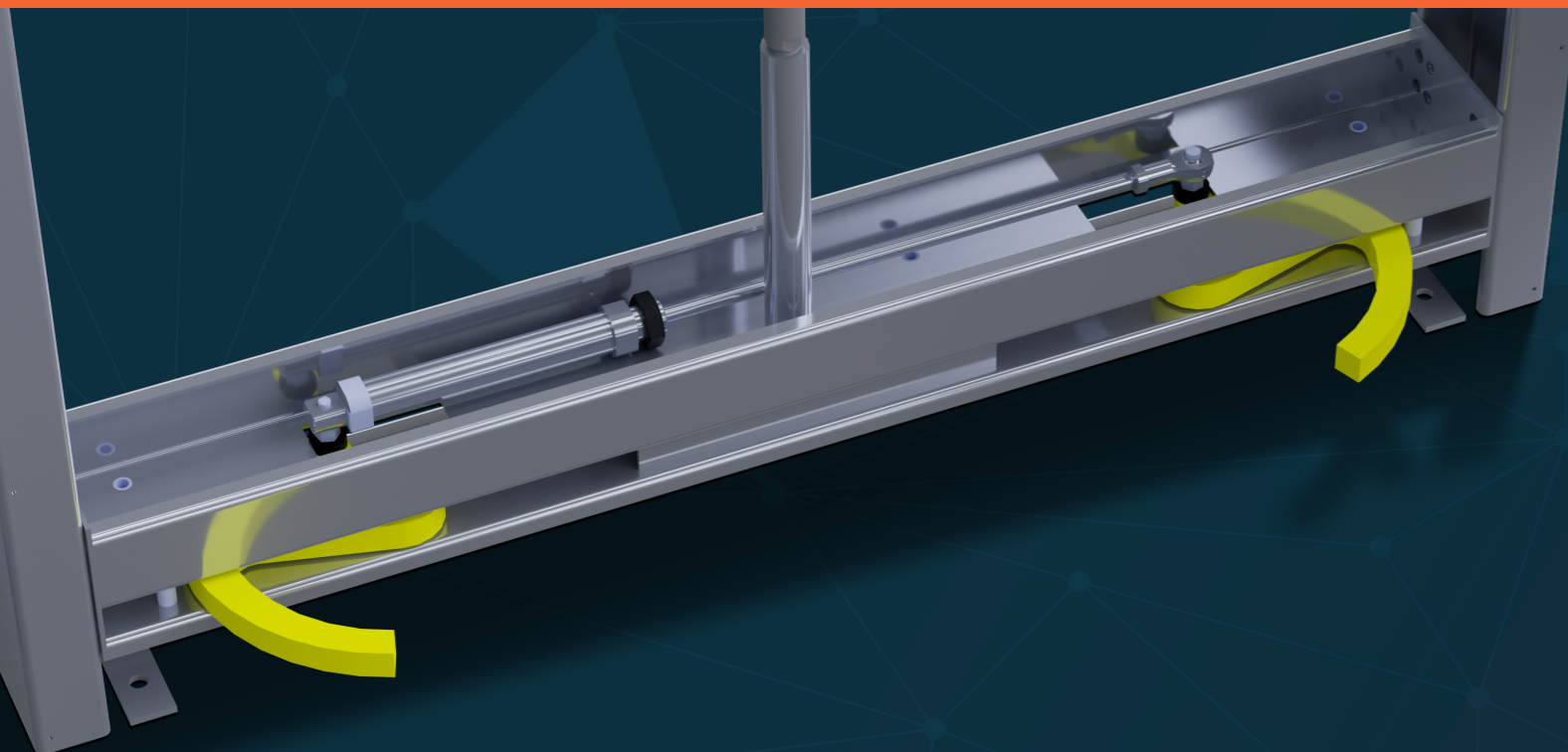
Actuator:
SMC

Control:
PLC 7" Color Display

Power source:
6-7 bar + 100-240V AC, 50-60Hz

*** When choosing a custom-made pallet magazine, the following details are essential:**

- Pallet dimensions
- Required lifting capacity
- Number of pallets to be handled



Looking to **optimize your business** and take it to the next level?

Reach out to us with confidence.



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