

Used TMG VEGA 60 automatic Depalletizer 5000 BPH

Machine type:	Depalletizer
Ref:	DEPAL43
Model:	VEGA 60
Year:	2008
Speed:	5000 Bottles/hour
Condition:	Ready For Operation
Formats:	1.5 L
Containers:	Glass
Products:	Spumante, Wine (Sparkling)

Technical details

Feed:	["from the top"]	Operating type:	automatic
Unpadding system:	Yes	Handling:	Conventional
Safety features:	Yes	Manuals:	No

Description

Used TMG VEGA 60 automatic Depalletizer 5000 BPH

Technical Specifications & Performance Data

This Automatic Depalletizer VEGA 60 is a robust solution engineered for reliable bottle handling in industrial packaging environments. Manufactured by TMG, it supports efficient unloading of bottles from pallets and integrates automatic interlayer management for streamlined operation. With a production speed of 3000 bph, it is well-suited for medium-capacity beverage production and used bottling line applications. Its design ensures consistent performance for both PET and Glass containers, particularly in 1.5L formats.

- **Manufacturer:** TMG
- **Model:** VEGA 60
- **Year:** 2008
- **Production speed:** 5000 bph
- **Bottle formats:** Compatible with 1.5L bottle formats
- **Container types:** Designed for Glass bottle handling

- **Automation:** PLC-controlled operation
- **Safety:** Electronic safety barrier
- **Interlayer management:** Tier-sheet magazine with automatic interlayer removal; can remove protective hoods from the same magazine

Advanced Automation & Control Systems

The VEGA 60 features PLC-based automation for precise and repeatable operation across shifts. The control logic enables smooth layer-by-layer depalletizing, coordinated motions, and clear fault diagnostics. The electronic safety barrier provides active operator protection, ensuring safe access during setup and maintenance while maintaining productivity. Quick settings allow fast adaptation to standard 1.5L bottle handling and efficient start-up after pauses.

Production Line Integration Capabilities

This depalletizer integrates easily within new or second hand bottling equipment configurations. It can operate as a standalone depalletizing module or inline with conveyors, accumulation tables, rinsing machines, and downstream filling, capping, and labeling machinery. The automatic tier-sheet handling reduces manual intervention between layers, improving flow to subsequent packaging machinery. Its design supports both PET and Glass bottle logistics, making it a flexible choice for beverage production lines handling water, juice, beer, or wine in compatible formats.

Machine Condition & Maintenance History

Professionally engineered by TMG in 2008, this machine is presented as a second hand industrial packaging asset suitable for immediate integration once installed and commissioned. The PLC control and robust mechanical design contribute to predictable maintenance intervals and long service life.

Operational Performance & Versatility

At 3000 bph, the VEGA 60 is ideal for medium-output operations seeking dependable depalletizing performance. Automatic interlayer and hood removal minimize manual handling, reducing changeover time between pallet layers and enhancing workplace safety. The system is optimized for 1.5L bottles and supports both PET and Glass containers, aligning with a wide range of beverage production requirements and used bottling line upgrades.

Installation Requirements & Site Preparation

The depalletizer requires adequate floor space for pallet infeed, tier-sheet magazine access, and discharge conveyor alignment. Power supply must match the PLC and drive requirements, and provision for compressed air may be needed for actuators and safety systems. A level, reinforced floor and clear operator access paths are recommended to facilitate safe operation, maintenance, and pallet maneuvering by forklift or pallet jack.

Safety Standards & Compliance Certification

The integrated electronic safety barrier offers robust operator protection during operation and setup. Physical guards, interlocks, and emergency stop systems contribute to a safe working environment aligned with modern food and beverage packaging practices. Hygienic and cleanable surfaces support deployment near filling and labeling areas within beverage production facilities.