

## G2P AS/RS GNOM®

GNOM® is a compact alternative to a classic AKL, designed for automatic tote storage and retrieval. It ensures fast loading/unloading from racks and efficient internal transport using a shuttle-based system with smart control.



**WAVE PICKING BUFFER**



**HIGH PICKING PERFORMANCE**



**DIRECT CONVEYOR TRANSFER**



**FAST ROI WITHIN 12 MONTHS**

### Performance indicators:



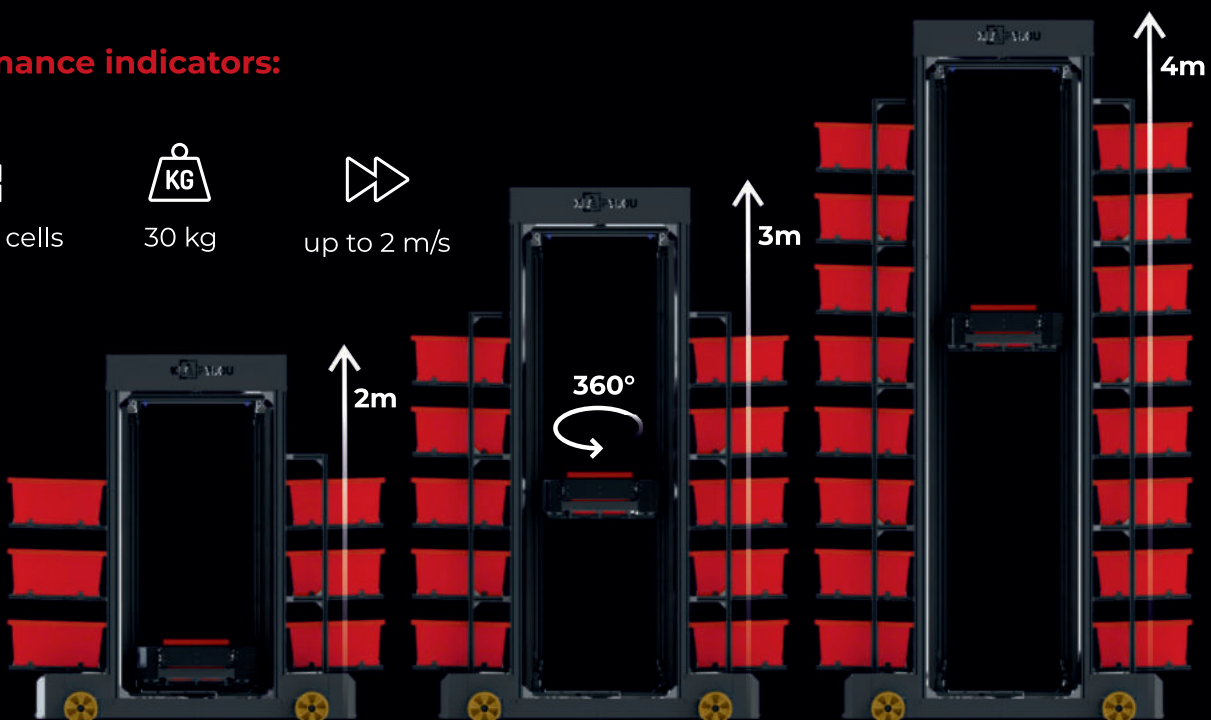
6 | 10 | 16 cells



30 kg



up to 2 m/s



# ADVANTAGES OF USING AS/RS GNOM®:



- High system performance
- Works with all box types and sizes
- Each rack section independently shelf-filled
- Wave picking in a single pass
- Picking from a double-deep system
- It is possible to use more than 1 GNOM® system in each aisle

## SPECIFIC TASKS THE SOLUTION ADDRESSES:

### Buffering and Wave Picking

The system automates order consolidation and buffers completed waves before they are moved to the shipping zone.

### Storage and Retrieval

Automated handling of containers within the racking structure ensures fast access and optimal use of warehouse space.

### Gravity Rack Replenishment

Robots automatically refill gravity flow channels, enabling seamless manual picking without interruption for restocking.

### Goods-to-Person Delivery

Smart robots transport containers directly to operators, eliminating travel time and streamlining production processes.

## MANUAL VS. AUTOMATED WAVE PICKING



### CONSERVATIVE METHOD

- Manual work
- Human errors & downtimes
- High operational costs
- Slow order processing
- Low efficiency & high costs



### KAPELOU AS/RS GNOM®

- Working 24/7
- Automated storage
- Increasing picking speed
- Reducing labor costs up to 80%
- Precise picking up to 99,9%

**WE MAKE YOUR WAREHOUSE TECHNOLOGY-DRIVEN. EVERY DAY.**



Explore ASRS GNOM®  
Scan to discover applications

**KAPELOU EU**  
Innovate the future!