Automated distribution Centre standards

Best practice for French Market

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The main objectives for retailers

Context

Answer to the growth

Reduce warehouse damages

Improve traceability

Number of SKU

Concept store

Regulation

Painfulness

The Global Language of Business

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Context

- **French Market**
  - E.Leclerc
  - U
  - Intermarché
  - Auchan
  - Casino: 11%
  - Carrefour: 20%
  - Autres: 5%

- **Benchmark**
  - Germany: 25% de PDM
  - Switzerland: 40% de PDM
  - Belgium: 50% de PDM
  - Spain: 23% de PDM

- **Market trend**
Automated Warehouse

1. Zone de réception
2. Stockage grande hauteur
3. Zone de stockage picking
4. Zone d’exploitation
5. Zone d’expédition
Why do we have decided to work on a guideline

- Many solution providers on the market
- Our approach
  - Working between Retailers, manufactures and solution providers
  - Define common best practice guideline for automated warehouse
  - Specific technical specification
This guideline has been co-written by our main members
Pallet Requirements

Technical Specifications

<table>
<thead>
<tr>
<th>Format</th>
<th>PALLET (800 x 1,200 mm)</th>
<th>PALLET (1,000 x 1,200 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower floor element</td>
<td>die</td>
<td>perimeter bar</td>
</tr>
<tr>
<td>perimeter bar</td>
<td></td>
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</tr>
</tbody>
</table>

Composition:
The pallet support must be equipped with 3 floor elements (skis) and 9 dice.

In the 1,000 x 1,200 format, the pallet support must be closed with perimeter bars to ensure its solidity. The pallet support must be equipped with 5 floor elements (skis) and 9 dice.

Material:
WOOD: With the technologies available on the market today, other materials (plastic, cardboard, etc.) are banned.

Color:
Very dark colors are not recommended (e.g., black)

Pallet Support Quality

Dimensions:

194 mm 194 mm
Palletization plan requirements

Pallet support Type

Pallet loading

- Tunnel & Chimney
- Layers
- Homogeneous layers
- Heterogeneous pallets are exclude
Case Requirements

Dimensions & Weight

- **Dimensions & Weight**

- **Range of dimensions allowing the automated processing of packages subject to compliance with the requirements indicated in the guide and the reports:**
  - Height / Width \(\leq 2.1\)
  - Length / Width \(\leq 4.2\)
  - Height / Length \(\leq 1.5\)

- **Range of dimensions allowing the automated processing of packages subject to compliance with the requirements indicated in the guide, the previously indicated reports and the system used by the Distributor:**

- **Range of dimensions excluding automated package handling**
What is the next step for us?

Automated distribution center: Delivery Guideline for French market

Automated Distribution Centre
Delivery guidelines for the Belgilux market
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