

SMD BOX XL

Bulk Materials Solution

SMD BOX XL covers the operation flows like automatic storage, auto retrieval match, and intelligent sorting of such materials as bulk materials, tooling fixtures, PCB and semi-finished products, which meet the comprehensive material management requirement of informatization, lean-oriented and automated management. The customizable inner space, container and tray design meet the storage requirement of all materials. Cooperation of automatic transplanting line and AGV can improve the production efficiency by reducing material distribution time in the production process.

Characteristics:

- Type of loading unit being handled: pallets, plastic containers, and others
- Load capacity: from 20-100kg
- Length: up to 40 m
- Number of columns: one or two
- Number of pallets: one or two
- Horizontal speed: up to 5m/s
- Load lifting devices: single or double-depth telescopic forks
- Temperature and humidity control



| ITEM | SPECIFICATION |
|--------------------------------|------------------|
| Product | SMD BOX XL |
| Type | Stacker Crane |
| Software | NeoS |
| Software Structure | Browser/Server |
| Temperature& Humidity Log | Standard |
| Humidity Control | <10% |
| Recognition System | Vision |
| FOV (mm) | 400*400 |
| Barcode type | 1D/2D |
| Material Type | Container |
| Customized Material | Yes |
| Material Loading/ Uploading | Manual |
| Storage / Retrieval Automation | Yes |
| Dimension(mm) | 7300x2050x2850mm |
| Weight | 2000kg |
| Power Supply | 220V |
| Power | 2.5kW |
| Max Current | max.10A |
| Environment | 15 - 30°C |
| Humidity | 10 - 60% |
| Noise Level | 50dB |
| Compressed air | 6-10bar |
| Dehumidification System | Option |
| Nitrogen Generator | Option |