

cubus.

Flexible, Fully Automatic SMD Storage System



Configure

- Available in 2 sizes – stores up to 612 or 932 reels
- Reconfiguration capability backed by auto-mapping function
- User adjustable shelves for reels from 7-15"

Operate

- Operator-friendly man-machine interface (MMI) - large touch screen display and icon-based software
- Automatically detects reel diameter and width
- Input/Output: 5-6 reels per min

Integrate

- Full connectivity to ERP or middleware systems
- Links Cubus to other storage systems, pick-and-place equipment, etc.

Configure

With Cubus the next generation storage solution, users can reconfigure the internal layout of the system at any time to adapt to individual, up-to-date needs. The unique Cubus software eStorage allows users to map and recalibrate the new layout in less than 20 minutes (with full configuration). The system footprint, coupled with large reel diameter capability (up to 15"), makes Cubus one of the most compact yet efficient storage solutions available.

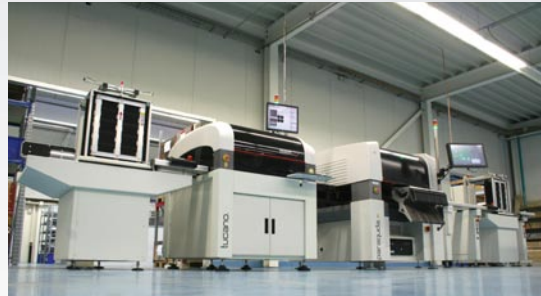
Operate

The eStorage software for Cubus offers a user-friendly MMI that secures fast, error-free operating capability. All standard operations, including full tracking of consumption and inventory levels, are only few clicks away outsourced reels.



Integrate

The Cubus and its unique eStorage software is dedicated to manage multiple Essemtec equipment (storage, pick-and-place, dispensing, etc.) or can be linked to different brands of equipment through middle-ware, ERP or a material management system.



Cubus Specifications

Regular



Large



Storage	4-7" reels: 8-72 mm tapes 11-15" reels: 8-72 mm tapes	4-7" reels: 8-72 mm tapes 11-15" reels: 8-72 mm tapes
Maximum capacity	4-7" reels: 612 or any mix of 4-15" reels up to 4-7" reels: 320 and 11-15" reels: 146 (8mm tape only)	4-7" reels: 932 or any mix of 4-15" reels up to 4-7" reels: 480 and 11-15" reels: 226 (8mm tape only)
Access time	5-6 reels per minute	
Machine type	Standalone	
Stacks	Flexible stacks for reel storing, adjustable by customer	
Reel detection	Automatic diameter and width detection, automatic barcode detection	
Control	PC, keyboard and LCD	
Windows version	Windows 8.1	
Database	Data access via Access table; Connection to existing SQL systems	
Software	Cubus control software; Job planning; MSL tracking (Moisture Sensitivity Level) Bar code label designer & print software; Component stock management software Software interface to eMIS planning and optimization system Adjustable operator language (English, German. Other languages on request) User group rights	

Options on request - Language code, Temperature and humidity measurement, Air dry unit for Cubus, N2 option with oxygen sensor, Individual stack configuration, Internal data matrix code reader, and many more.