



CONNECTIVE LEAN STORAGE SOLUTION

Organized, Intelligent & Expandable

naturally adaptive.



cubus.

CONNECTIVE LEAN STORAGE SOLUTION

Introducing - The Cubus - Traceability down to single component.
The right material, at the right time in the right location.



LINE SOLUTION

CELL SOLUTION

expandability.

- Storage capacity from 612 to 1540 8mm reels
- Two sizes system, unlimited expandability

productivity.

- Reduces logistic problems by 95%
- SMD reels of all sizes, trays, boxes & more

accuracy

- Full traceability of all stored items
- Software control for MSD components

roi. return on investment

- Lowest ROI of any production system
- Configure – Operate – Integrate!

flexibility.

- User reconfiguration backed by auto-mapping
- Unique intuitive eStorage software

integration.

- Full interface to most production systems and all major ERP and material management

naturally adaptive.



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. The small system footprint of the Cubus, makes the system one of the most compact, yet efficient, flexible storage solutions.



The Cubus can be used as total automated SMD storage solution for small to mid-size companies as well as automated material replenishment units for high to super high speed lines. According to studies over 60% of production line stops comes from logistics issues; the correct material is not in the right place when required. Cubus will reduce this stoppage time by 95%.



The eStorage software for Cubus offers a user-friendly MMI that secures fast, error-free operating capability. All standard operations, including full track and trace of consumption and inventory levels, are only few clicks away. MSD control is also included. eStorage guarantees the right material, at the right time in the right location.



eStorage, with the strategic partner Cogiscan, the product CO-Nect and the eStorage standard interface, process integration is easy. Over a world wide recognized middleware backbone system Cubus can be integrated into all Essemtec pick-and-place and dispensing solutions as well as any other production equipment from 3rd party vendors. Connection to ERP, SAP, main stock or custom solutions are also possible.

optional

Language code

Air dry unit

Temperature and humidity control

Individual stack configuration

Extended traceability via eMis

Trays, boxes, spindles and much more





naturally adaptive.



cubus. regular

cubus. large

Maximum capacity	4-7" reels: 612 (8 mm tape only) or any mix of 4-15" reels With spindle up to 1'022 reels (8 mm tape)	4-7" reels: 932 (8 mm tape only) or any mix of 4-15" reels With spindle up to 1'540 reels (8 mm tape)
Storage	SMD Reels of all sizes, trays, boxes, bulk components and small sticks	
Access time	5-6 reels per minute	
Reel detection	Automatic diameter and width detection, automatic barcode detection	
Database	Data access via Access table; Connection to existing SQL systems	



**OUR FOCUS - YOUR SOLUTION
SMART SMT EQUIPMENT**

Wildlife consistently shows us with breathtaking flexibility how nature can adapt itself to the many different demands of its environment; that is what inspires us! Essemtec AG is a privately owned company with its development and production site in Switzerland. The product portfolio comprises of production equipment for electronic assembly and more. Our high tech solutions can be adjusted quickly and easily to meet wide ranging requirements; we are therefore able to respond to all manner of customer requests. That's why "naturally adaptive" is our motto across all ranges.

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