SMD BOX XLR

High volume SMT storage system

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SMD BOX XLR is high volume electronics components storage system
Reels and Trays can be transported by AGV to storage system. The equipment will read the 1D/2D code on the reel and transfer it to the designed location.
During the SMT production, when users need certain material, with the help of UID or material code, SMD BOX XLR will retrieve them out without any manual operation.

SMT storage system with high capacity

SMD BOX XLR is SMT material storage solution with MAX capacity of 14400.

FEATURES

- High Capacity
- Batch Processing
- Auto Storage & Retrieval
- AGV Support
- Auto-Recognize material code
- 1D/2D code
- Reel, Tray, etc.
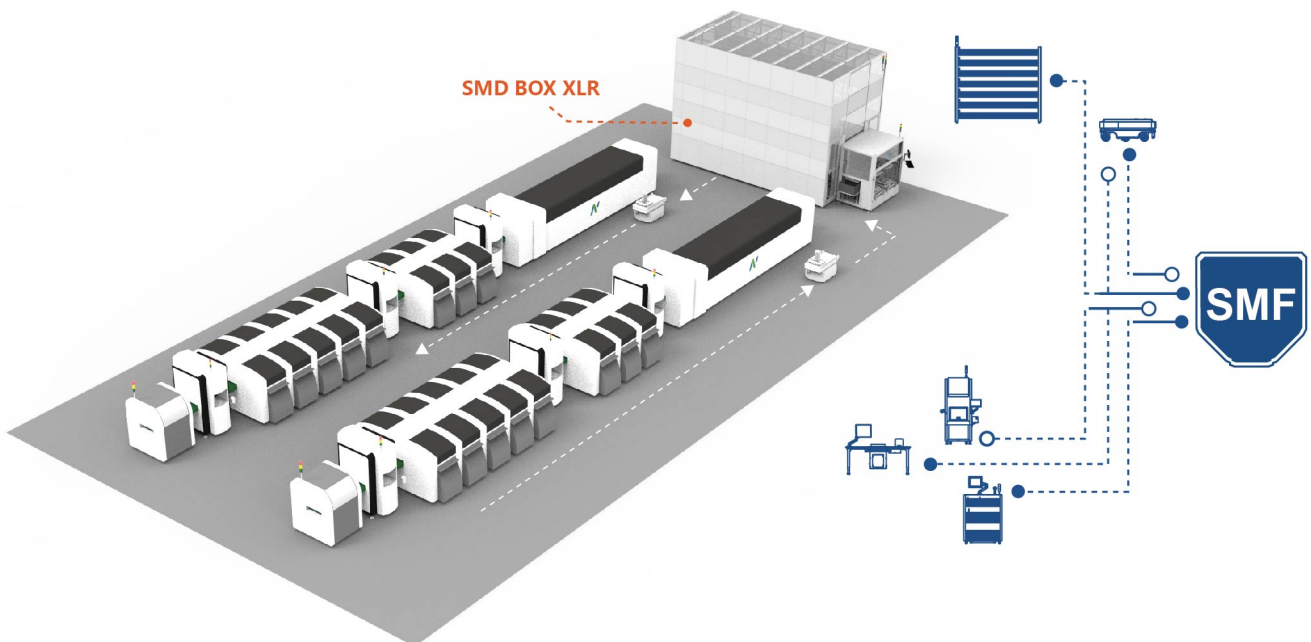- Seamless Connection to User Systems

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AGV READY

AGV: Automated Guided Vehicle. AGV can help SMT manufacturers realize unmanned transport operations for SMT reels, PCB, containers. SMD BOX XLR provides loading/unloading ports for AGV connection purposes. AGV can supply or receive a group of SMT reels (in stacker) to/from the port and SMD BOX can then finish all material storage/retrieval automation.

POWERED BY SMF

SMD BOX XLR is powered by SMF software. SMF: Smart Material Flow is the software suite from Neotel Technology for controlling and automate electronics materials. It can cover all your materials needs: Materials receiving, Automated material storage/retrieval system, AGV control, Component counting, Kitting, etc.

SMD BOX XLR

SMF

CONNECTIVITY

Smart Material Flow software provides seamless integration to your existing IT system, ERP/SC-M/MES/WMS. Through our advanced Connectivity service users could get real time component usage information from feeders. Right SMD component, right feeder, right time is becoming possible!

TRACEABILITY

Control movement of electronics component in and out in wherever stored at Neo Light/SMD BOX family is now realized. High data grain level material is achieved with the help of traceability module in SMF. Component Reel ID, counting image could be stored in database for future verification.

REPORTING SYSTEM

Make smarter decisions with real-time dynamic reports that you can save and share with anyone. Keep key information at your fingertips with custom dashboards.

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TECHNICAL SPECIFICATION

	SS-70000-12-14400-X4.6	SS-00030-12-5832-X4.7	SS-70030-2605-15712-X3.4-E
Max Capacity	14400	5832	15712
Material	7@8mm	13@8mm	7@12mm7360，7@16mm6552，7@24mm1080，13@16mm480，13@24mm168，13@32mm72
Batch Material Process	Yes	Yes	Yes
AGV Integration	Yes	Yes	Yes
Material ID Recognition	1D/2D	1D/2D	1D/2D
Humidity&Temperature Log	Yes	Yes	Yes
Material Compatibility	7inch	13inch	7-13inch
Tray	Yes	Yes	Yes
MSD Material	Yes	Yes	Yes
Network	Ethernet	Ethernet	Ethernet
Equipment Dimensions (LWH)	6200*3400*4600mm	6200*3800*4700mm	14522*3350*3400mm
Equipment Color	Jet black (RAL9005) White aluminum (RAL9006)	Jet black (RAL9005) White aluminum (RAL9006)	Jet black (RAL9005) White aluminum (RAL9006)
Power Supply	Three phase 380V	Three phase 380V	Three phase 380V
Power	7KVA	7KVA	7KVA
Compressed Air	5-6bar	5-6bar	5-6bar

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