

FMS Flexible Production Solution

The laser cutting automatic material library consists of a material storage system, an automatic loading and unloading system and a production line operation monitoring system. It can be equipped with 1-3 laser cutting machine tools.

- More Intelligence, more flexible, open for EMS connection.
- Provide high quality and automated material in management and delivery for the production process using intelligent software control.
- Uniquely designed suction cup loading and unloading system to improve equipment operating efficiency.
- Through the communication with laser cutting machine can realize automatic operation of the production line.
- The production line operation monitoring system can store materials, materials out of the warehouse, send and receive records statistics, inventory statistics, inventory warnings, etc.



Main technical parameters

Model	SCL3015-2-1	SCL4022-2-1
Maximum sheet size (mm × mm)	3000 × 1500	4000 × 2200
Maximum loading and unloading plate thickness (mm)	10	10
Number of layers	1+8 Floors (single tower)	1+8 Floors (single tower)
Storage height per layer (mm)	90-150	140
Storage per floor (tons)	3/5	3/5
Stock inventory (tons)	30/50	30/50
Power supply (KW)	380/50/ 15KW	380/50/ 20KW
Hoist speed m/min	15	15
Compressed air Mpa	0.6-0.9	0.6-0.9
Horizontal movement speed m/min of loading and unloading system	45	45
Vertical movement speed of loading and unloading system m/min	30	30

Modular design / intelligent control / achievable MES system network management

Single suction / automatic split / laser cutting / laser marking

Automatic loading or unloading / sorting / stacking / in or out of the library / storage / transfer / waste cutting

Cutting sample

