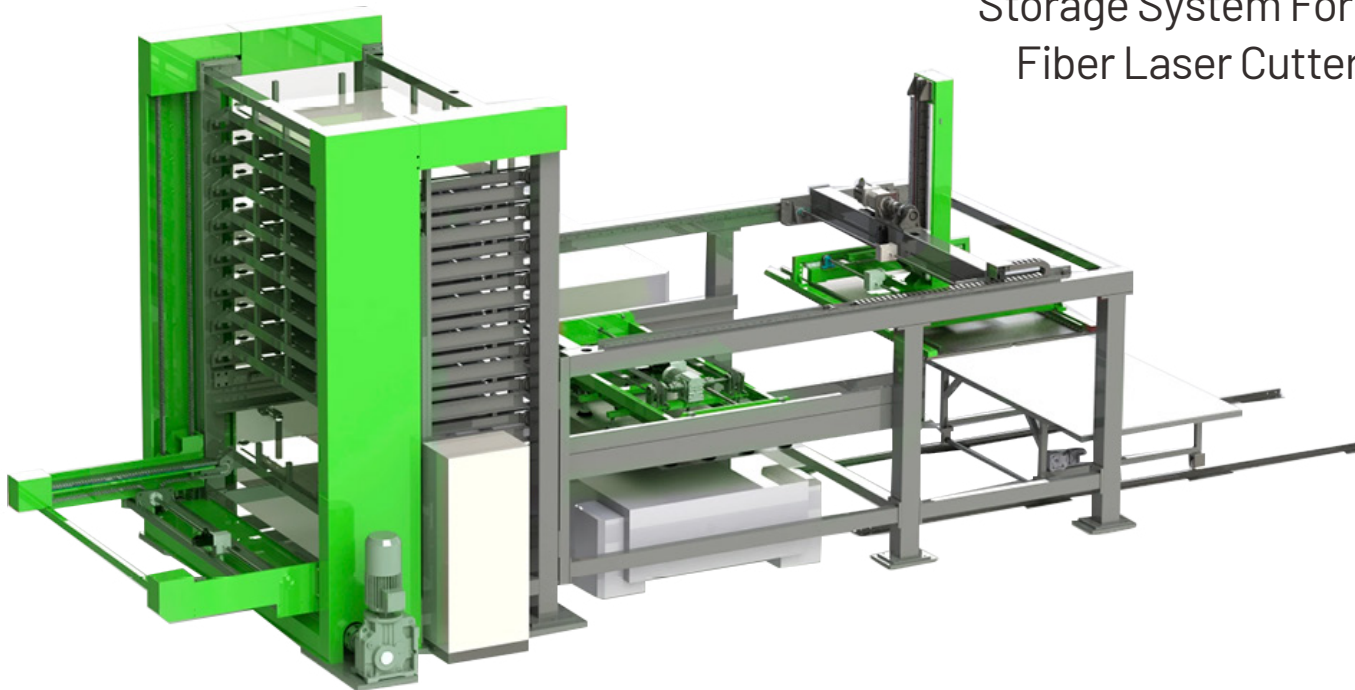


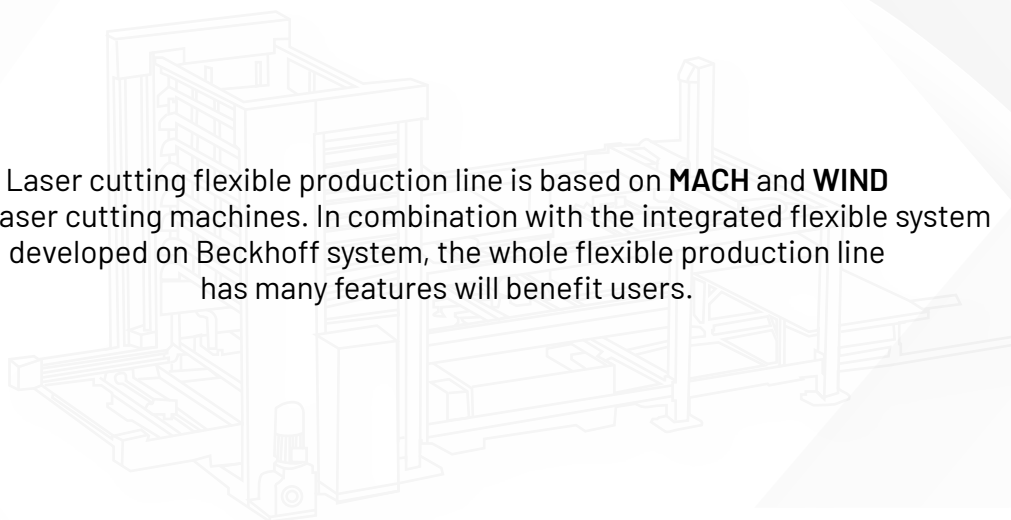
## Automatic Loading & Unloading and Storage System For Fiber Laser Cutter



### ► FEATURES

- EtherCAT Bus Communication, easy to communicate with other machines.
- An auto-loading platform can seamless docking with a forklift for rush order inserting problem
- Automatic loading and unloading, greatly improve production efficiency
- Independent loading and unloading vacuum, improve the production efficiency.
- Fully automatic intelligent production, unmanned, greatly saving labor costs
- A multi-level material storage unit greatly saves the site and improves the utilization rate of the site

Laser cutting flexible production line is based on **MACH** and **WIND** series laser cutting machines. In combination with the integrated flexible system developed on Beckhoff system, the whole flexible production line has many features will benefit users.



| TECHNICAL SPECIFICATION                      |   |
|--|---|
| Number of store layers                       | 8 levels  |
| Max tray lifting speed                       | 0.25m/s   |
| Max tray translational moving speed          | 0.4m/s  |
| Max translation speed of loading mechanism   | 0.8m/s  |
| Max lifting speed of loading mechanism       | 0.25m/s   |
| Max translation speed of unloading mechanism | 0.8m/s  |
| Max lifting speed of unloading mechanism     | 0.25m/s   |
| Unloading fork switching speed               | 0.4m/s  |
| Vibration value                              | <0.5G   |
| Running beat                                 | 905   |
| Storage load                                 | 24MT  |
| The scope of work                            | 3000mmx1500mm   |
| Overall dimensions                           | 13150mmx4800mmx4840mm   |
| Working environment                          | temp: -10~45C humidity: ≤95%RH no condensation  |
| Power supply                                 | 30 KVA/3P+E/380VAC±10%/50HZ   |
| Air source                                   | the working pressure shall not be lower than 0.6mpa, and the flow rate shall not be lower than 0.4m <sup>3</sup> /min |

