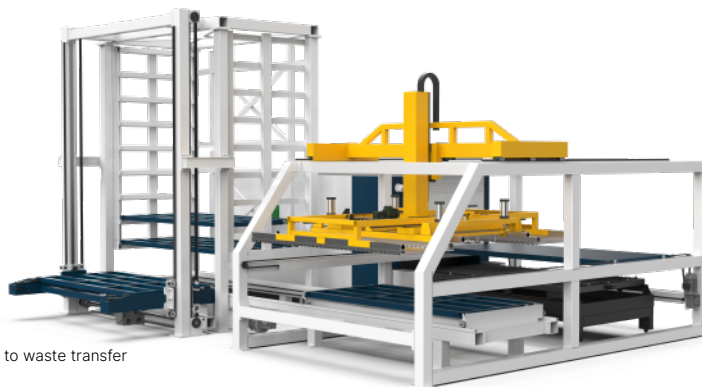# Stereo Pallet Racks

## Sheet Stereo Storage

### 8 layers in total
### Carrying capacity of each layer: 3000kg



☑ Allow for auto warehouse-in/-out and stereo storage

☑ Save occupied area and space for sheets, maximize workshop utilization

☑ One-to-many operation due to modular expansion

☑ One-stop automatic operation from sheet storage, retrieval, loading, cutting, unloading to waste transfer

☑ Permit customization of layer number to provide individual solutions for users

| Each Parts | Item | Technical Parameters |
|---|---|---|
| Storage Unit | Number of Layers of Pallet Racks | 8 |
| | Stack-up Height of Each Layer (mm) | 280 (with wooden pallet) |
| | Carrying Capacity of Each Layer (kg) | 3000 |
| Loading & Unloading Unit | Running Speed of Trolley (m/min) | 2-15 |
| | Lifting/Translation Speed of Mechanical Arm (m/min) | 12/60 |
| | Warehouse-in/out Speed (m/min) | 10 |
| Cutting Unit | Laser Power (kW) | 6 |
| | Max Size of Sheet (mm) | 3000*1500 |
| | Min Size of Sheet (mm) | 800*800 |
| | Sheet Thickness (mm) | 0.8-12 |
| | X/Y-axis Positioning/Repositioning Accuracy (mm) | ±0.05/±0.02 |
| | Max No-load Speed (m/min) | 130 |
| | Max Load of Platforms (kg) | 2000 |