

iLift

Latter Bed Ejector Rod



- ⚙️ **Pneumatic Lift**
 Lifting sheets fast and efficiently with a pneumatic lifting structure.
- 🛡️ **Preventing Scratches**
 Ball bearing rollers are installed at tops of supporting rods to prevent workpieces scratches effectively when loading and uploading.
- 🧱 **Strong Bearing Capacity**
 Wide range of applications, with a maximum full-table bearing capacity for a 6mm stainless steel sheet.

Technical Parameters






Applicable model:	C3	C4	C6
Maximum feeding plate size:	3000mm*1500mm	4000mm*2000mm	6100mm*2500mm
Maximum loading weight:	215kg	380kg	725kg
Maximum thickness of feeding plate	6mm	6mm	6mm
Minimum thickness of the feeding plate	1mm	1mm	1mm
Module dimensions:	2600mm*1500mm*955mm	3600mm*2000mm*955mm	5600mm*2570mm*955mm
Weight:	170kg	230kg	350kg
Operation method:	Foot switch	Foot switch	Foot switch
Lifting method:	Hydraulic lift	Hydraulic lift	Hydraulic lift

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(Above data is only for reference)

iTower

Single-module storage tower



-  **Intelligent Control**
The collaborative operation between the loading-unloading system and the laser cutting machine makes automated mode for fully automated circular processing and single-cycle processing optional.
-  **Automated Loading**
The storage tower automatically prepares steel sheets required for the next process and put the sheets on the pre-loading table according to process distributions by the control system.
-  **Small Space Occupied**
Newly compact full-function structure design of the storage tower requires small work space for installation and performs flexible application.
-  **Detection Function of Sheet Metal**
With the detection function according to processing orders under loading, the storage tower gives a reminder for manual material addition when sheets are not enough.
-  **Wide range of processing materials**
Thanks to the suction cup structure, iTower is allowed to process various types of materials, including carbon steel, stainless steel, aluminum, brass, etc.

Technical Parameters

Working area	1250mm*1250mm-3048mm*1524mm
Maximum loading weight:	300kg
Minimum loading sheet size	1250mm*1250mm
Maximum thickness of feeding plate	6mm
Minimum thickness of the feeding plate	1mm
Maximum height of finished sheet	300mm
Operation method	Touch screen operation
Lifting method	Sprocket, chain

iLoader

Automatic Loading Module



Intelligent Sheet Separating

Avoid loading stuck sheets in a single loading as processing.

High-strength Linear Structure

The loading layout uses the linear structure with stronger rigidity and better loading capacity, which loads a maximum of 20mm thickness for a single sheet.

Flexible Loading Size

The size and type of the loading sheets are flexible and various.

Safety Interlock

The safety interlock prevents operations from irreversible accident in safety.

Technical Parameters

Model:	P3/C3
Module dimensions:	5000mm*2500mm*3100mm
Weight:	1000kg
Maximum loading weight:	700Kg
Maximum thickness of feeding plate	20mm
Minimum thickness of the feeding plate	1mm
Z-axis travel:	450mm
Z-axis positioning accuracy:	±1mm
Operation method:	Key operation
Lifting method:	Sprocket, chain

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(Above data is only for reference)

iTrans

Fully Automatic Loading And Unloading System



- » **Automatic Loading and Unloading**
Fully automated processing of loading and unloading, save time and manpower.
- » **Complete equipment delivery**
The complete equipment is put in the container for delivery, saving delivery costs.
- » **Flexible layout**
The loading module is suitable on both the left and the right, achieving flexible on-site layout methods.
- » **Fast Loading**
Continuous loading time reaches as short as 110 seconds.
- » **Automatic Sheets Splitting**
Lifting the corners of sheets first, avoids loading multiple sheets.
- » **Material Detection**
iTrans gives an intelligent reminder once no sheet detected on the material pallets.

Technical Parameters

	P3	P4
Model:	P3	P4
Working area:	1000mm*1000mm-3000mm*1500mm	1000mm*1000mm-4000mm*2000mm
Module dimensions:	5400mm*3970mm*3070mm	9000mm*6000mm*4000mm
Weight:	6100kg	10000Kg/11000Kg
Continuous reloading time:	110s	150s/200s
Maximum thickness of feeding plate:	25mm	12mm/25mm
Maximum loading weight:	900Kg	800Kg/1600Kg
Finished product trolley maximum load:	3T	3T
Maximum height of finished sheet:	85mm	300mm
Operation method:	Touch screen operation	Touch screen operation

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(Above data is only for reference)

iTrans Tower

Intelligent Loading And Unloading, Compact Solid Storage Tower For Intelligent Production



- » **Vertical Storage for Sheet**
Multi-layer storage racks designed to save space.
- » **Automated Loading and Unloading**
Fully automated processing of loading and unloading, save time and manpower.
- » **Finished Material Automated Returning to Tower**
Processed workpieces are automatically returned to the tower so as to achieve unattended operation.time and manpower.
- » **Double Unloading Pallets**
Double pallets for unloading speed up the storage system circulation to 180 seconds for a circle.
- » **Automatic Sheets Splitting**
Lifting the corners of sheets first, avoids loading multiple sheets.
- » **Detection Function of Sheet Metal**
iTransTower gives an intelligent reminder once no sheet detected on the material pallets.

Technical Parameters





Model:	P3
Working area:	1000mm*1000mm-3048mm*1524mm
Module dimensions:	17450mm*10000mm*5600mm
Weight:	12000kg
Maximum thickness of feeding plate:	10mm
Single shelf bearing weight:	3T
Individual shelf height:	400mm
Operation method:	Touch screen operation
Lifting method:	Sprocket, chain

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Drangonfly

Slat Cleaner



-  No hammers and chisels used anymore. Dragonfly saves much manpower.
-  Efficiency increases greatly with less downtime for removing slags on slats.
-  Longer life of slats, less damage on accessories, fewer cutting costs.
-  Better quality of workpieces in batches and cleaner metal processing.

Technical Parameters

Adaptable model:	A/C/P/G
Suitable blade thickness:	2mm-6mm
Maximum slag removal thickness:	25mm
Minimum blade spacing:	30mm
Rated voltage:	220V
Rated power:	1600W
Total weight:	≤30kg
Tool life:	> 1 year
Slag removal rate:	≥5m/min