# Automatic Busbar Loading Machine

*CNCLK40*

母排自动上料设备

## Functions

The automatic feeding equipment for busbars, integrated with our self–developed HQ600 series busbar punching and shearing machines, enables automated copper busbar processing. Its advantages lie in enhancing the level of automation, reducing labor intensity, minimizing waste caused by manual feeding errors, and improving production efficiency.

## Features

- The facility includes a sorting and unpacking area, manual stacking area, inventory storage, and a feeding zone for punching and shearing, all arranged in an efficient layout.
- Reserved areas for bending and arc milling processes are included, with the overall layout being square, rational, and space–efficient.

### Automatic Production Line Options

| | HQ400–SP | HQ600–SP | Laser | CNCDMN–200A |
|---|---|---|---|---|
| CNCLK40<br>CNC Loading System | ● | / | ● | ● |
| | ● | / | / | ● |
| | ● | / | ● | / |
| | / | ● | ● | ● |
| | / | ● | ● | / |
| | / | ● | / | ● |

### Technical Parameters

| 序号(No) | Copper Busbar Width(mm) | Number of storage compartments |
|---|---|---|
| 1 | 30 | 6 |
| 2 | 40 | 7 |
| 3 | 50 | 6 |
| 4 | 60 | 6 |
| 5 | 80 | 6 |
| 6 | 100 | 6 |
| 7 | 125 | 5 |
| | | 42 |

### Accessories Selection

| 序号(No) | 名称(Name) | 数量(Quantity) | 品牌 (Brand) |
|---|---|---|---|
| 1 | Controller | 1 sets | Inovance |
| 2 | Servo Motor | 2 sets | Inovance |
| 3 | Pneumatic Component | 1 sets | Airtac |
| 4 | Ball screw | 1 sets | Taiwan TBI |
| 5 | Linear Guide | 1 sets | Shangyin Taiwan |
| 6 | Low voltage electrical appliance | 1 sets | Siemens |
| 7 | Display | 1 sets | Qi Yang |