

Intelligent Machine For Electric Busbar Your Smart Way

Note: Copyright is belonging to Beiene Intelligent Equipments Co., Ltd. Without our written permission, this brochure can't be copied for any purpose. We hold all the design copyrights of all our machinery including structure, color, model and appearance !



Beiene Intelligent Equipment Co., Ltd
Jinan Euro-Aisa Internatioal Co., Ltd

Hot Line
+0086 400-135-3918

Add: Diya Industrial Park ,No.2566 Century Rd,Hi-Tech District,
Jinan City, Shandong Province, China
Tel: 0086-531-81670640
Fax: 0086-531-81670639

Http: www.beiene.com
E-mail: info@beiene.com



CREATED BY EURO-ASIA INT'L MACHINERY GROUP

Smart At Saving



Industry 4.0

BEIENE INTELLIGENCE

For Industrial 4.0 Times

Innovation · Intelligence

Focus On Intelligence

Customers from more than 60 countries and areas are using our Intelligent busbar machinery now !

COMPANY PROFILE

About Us

- * Reliable Quality and Satisfying Customers
- * Create Value for each customer
- * Committed to Intelligent Technology

BEIENE Intelligent is belonging to Euro-Asia International Machinery Group. Mother company was founded in 1955, which is the earliest hydraulic machinery researching and manufacturing factory in China. At time of current intelligent production background, we are focusing to help each customer upgraded to smart factory. So far we have our global agents or branch office in more than 60 countries. With our own software team, mechanical designing team and cnc program team, we are ready for your e-works.

GLOBAL PARTNERS

全球合作伙伴

SIEMENS

Schneider
Electric

YASKAWA

INOVANCE

HIWIN

ABB

TRINITY
TOUCH

DELIA

EI ENGINEERING GROUP

ASIAPHIL
Since 1973

C&S
electric

TTSA
GRUPE CANORE

Omega
Electric & Machinery

RR

AIRTAC

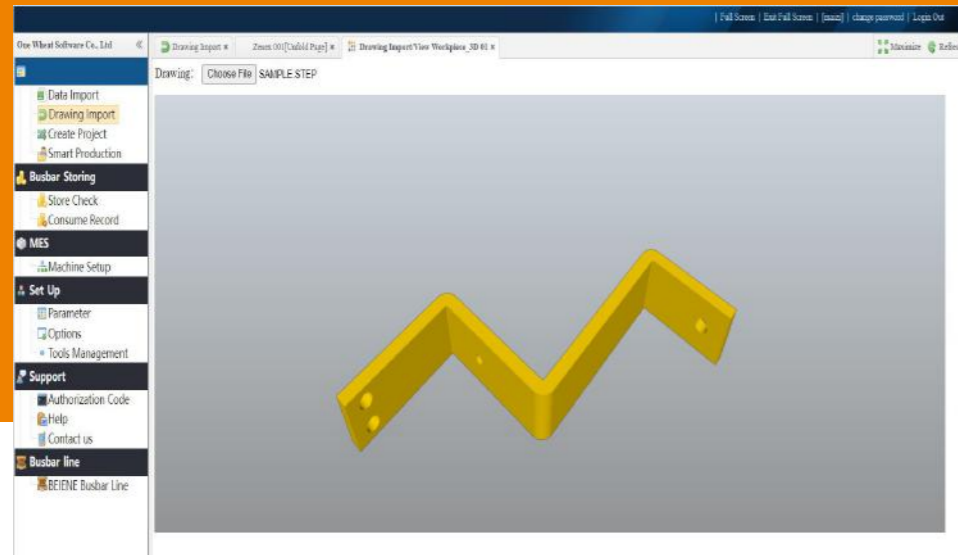
ELSEWEDY
ELECTRIC

Smartbar 3D+MES Intelligent Busbar Processing Line Software

Professional Busbar Software base on Web

Management of Busbar Storing,Producing ,Workpiece ,
Manufacturing Execution System(MES)and Web Function

Intelligent Professional 3D software,seamless link machinery,transmission ,robot hand ,
smart camera ,RGV and AGV moving robot .Close loop management of storing,purchasing,
plan,production and finance .Can be connected ERP, MES ,CRM of each enterprise .



Smart - E-Works



Global Unique

IMAC-6000

Intelligent BB Line

60%

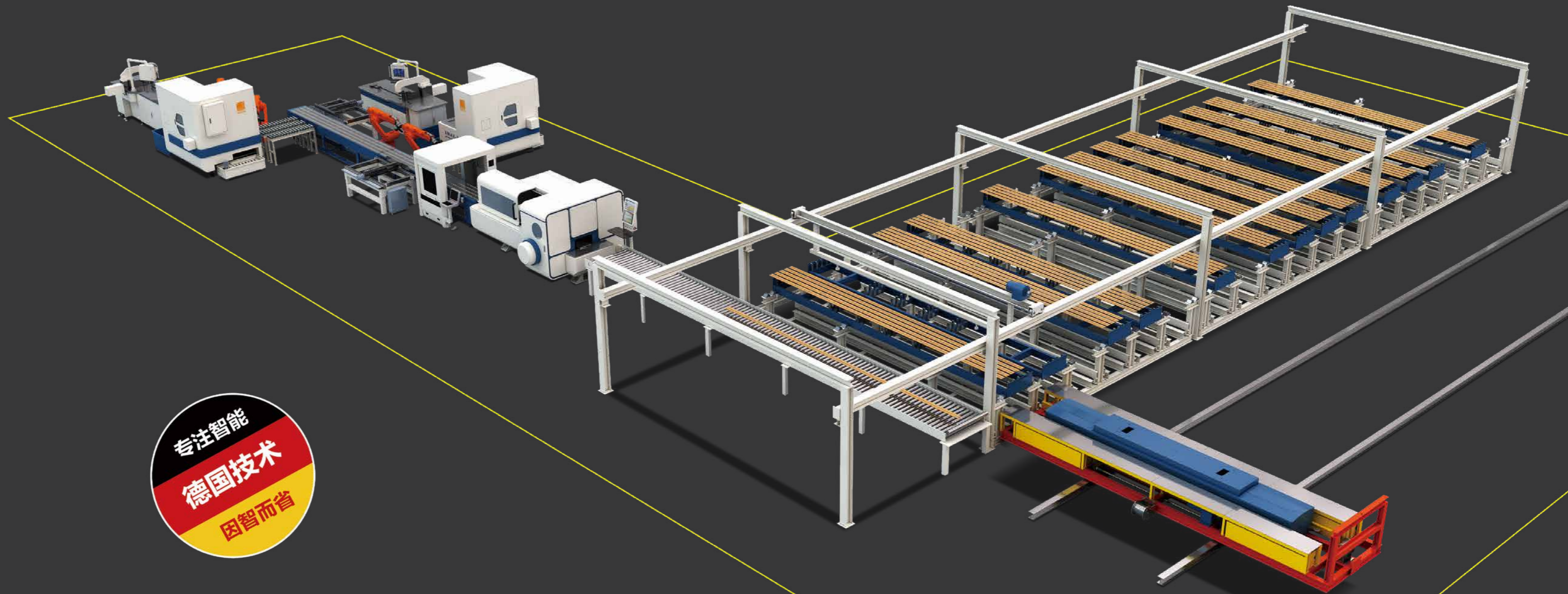
Save Labor cost

30%

Production Efficiency

98%

Product Quality



EMAC-BP-40/60

Intelligent 3D Busbar Punching and Shearing Machine

6 / 9 / 11 Stations

- German Smart Punch technology, faster and more economical.
- Smart 3D software can read 3D or 2D drawings directly.
- Intelligent busbar optimization and inventory management software.
- Whole-installed shipment.
- Free online video tutorials.
- Intelligent remote diagnosis and service.

Automatic loading system (optional).
 German in-line mold storage (6/9/12).
 Shearing mode: punching shear/single shear/sawing.



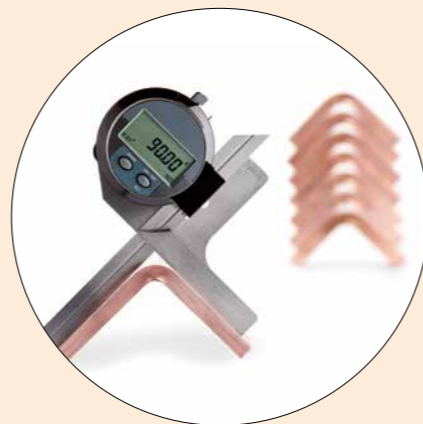
Item	Data	Item	Data
Punching Force	400/600kN	Embossing Station	1
Shearing Force	400/600kN	Shearing Station	1
X Axis Stroke	1500mm	Control Axis	3
X Axis Max Speed	80m/min	Hole Accumulated Accuracy	±0.20mm/m
X Axis Accelerate Speed	4M2/S	Max Hole Diameter	Φ 34mm
Y Axis Max Speed	50m/min	Minimum Size (L × W × T)	55×12×3mm
Z Axis Max Speed	50m/min	Maximum Size (L × W × T)	6000×210×16mm
Hit Cylinder stroke	55mm	Total Power	15kW
Max Hi Speed	180HPM	Machine Size (L × W × H)	9585×3454x1800mm
Puching Station	4/7/10	Machine Weight	6800kg

EMAC-BB

Intelligent 3D Busbar Bender

- EMAC-BB-40** HYDRAULIC
- EMAC-BB-H12** HYBRID
- EMAC-BB-S12** SERVO

- Smart 3D bending software can open 3D graphics and bend them directly.
- Whole-installed shipment.
- Free online video tutorials.
- Intelligent remote diagnosis and service.
- German intelligent electronic concave die with automatic rebound compensation.
- Bending power: dual power / pure servo. Smart one-touch mold calibration.



Item	Data	Item	Data
Bending Force	400kN	Max Bending Angle	90°
Bending Accuracy	±0.2°	Flat Bending(W × T)	210×16mm
Max Bending Stroke	250mm	Edge wise(W × T)	125×16mm
Position Gauge Stroke	1200/2000mm	Main Motor Power	5.5kW
Max Gauge Speed(X Axis)	50m/min	X Axis Motor Power	0.75kW
Y Axis Speed	0~5m/min	Total Power	8.0kW
Repeat Accuracy	±0.02mm	Machine Size (L × W)	2600×1500mm
Min U Bending Distance	40mm (Customized)	Machine Weight	2600kg

IMAC-CENTER 6000

Intelligent Busbar Sawing and Punching Machine

- *German Smart Punch technology,
- *Smart 3D software can read 3D or 2D drawings directly.
- *Software with Auto Nesting and Busbar Storing Management
- *Whole-Installed Shipmemnt Design,
- *Free online video tutorials.
- *Intelligent remote diagnosis and service.
- *Automatic Busbar Loading and Unloading



SMART-303/603

Intelligent 3D Busbar Processing Machine

SMART-303CNC-6S/8S

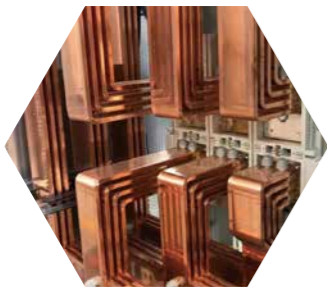
SMART-303CNC-S

SMART-603CNC-6S/8S

SMART-603CNC-S

- BEIENE 3D Intelligent Control Center.
- 3D drawing software.
- Fully automatic CNC bending.
- Bending is simulated in sequence.
- Directly read 2D/3D graphics.
- Turret 8S/6S
- Multifunctional machine: flat bending, vertical bending, twisting, embossing, Cable Crimping, Z-bending, U-bending, shearing, punching.
- Intelligent copper row management software (optional)

"Say Goodbye to CNC Machine, Start Your Time of Intelligent and 3D" As the leader of Intelligent and 3D Busbar processing machine in the World, Beiene's SMART series busbar processing machine is with Windows Computer and our 3D software ,it can read 2D or 3D drawing (dxf,stp ,step) and processing busbar directly ,including CNC Bending , Turret Punching and Guillotine type cutter .



Item	Data	Item	Data
Punching Thickness	T = 15mm	Double Table	Main 1500×1200mm + 840×370mm
Shearing (T × W)	15×160mm	Control Type	PLC+ CNC Angle
Bending (T×W)	Flat Bending 15×160mm	Force	350kn(303) 600kn(603)
	Edge wise 12×120mm	Total Power	11.37kW
Bending Accuracy	±0.5°	Motors	3+1
Max Punching Diameter	Φ32mm(T = 10mm)	Voltage	380V/50Hz
	Φ25mm(T = 15mm)	Pump	3×31.5MPa
Materials	Cu / Alu/Fe	Weight	1460kg

BPM-303/603CNC

CNC Multifunction Busbar
Processing Machine

BPM-303CNC-8S

BPM-303CNC-S

BPM-603CNC-S



BPM-303/603NC

Standard Multifunction Busbar
Processing Machine

BPM-303NC-8S

BPM-303NC-S

BPM-603NC-S



- CNC bending positioning.
- CNC shear positioning.
- CNC punching positioning.
- Multifunctional machine: flat bending, vertical bending, twisting, embossing, cable crimping, Z-bending, U-bending, shearing, punching.
- Processing material: copper / aluminum.



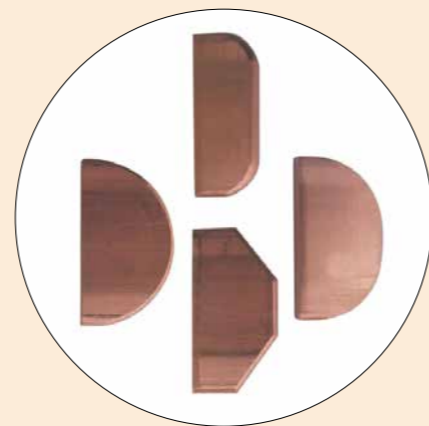
- CNC bending.
- Turret punching.
- 3 pumps operating simultaneously.



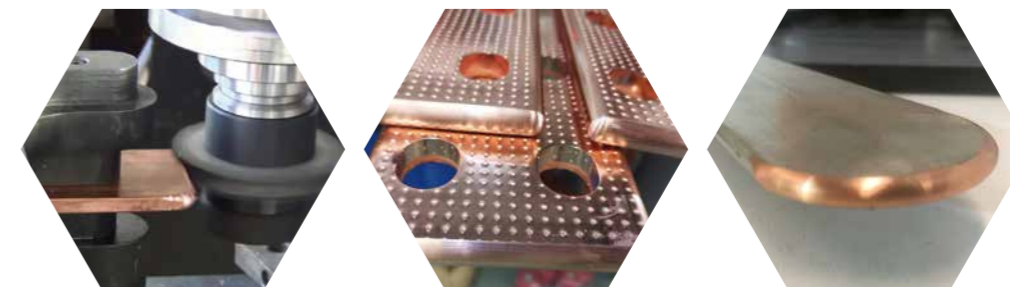
EMAC-XT

Intelligent Busbar Chamfering Machine

- 4-Axis Control
- Automatic Knife Calibration.
- Automatic Knife Change.
- Servo Spindle Motor
- Knife Library
- Automatic Coolant Spray
- Radius in one time process



Item	Data	Item	Data
Busbar Thickness	3~15mm	Servo Spindle Power	5.5kW
Busbar Width	30~230mm	Max RPM of Spindle	6000r/min
Shortest Length)	200mm	Knife Changing	Pneumatic
X Axis Stroke	260mm	Knife Libray	6 S
Y Axis Stroke)	890mm	Knife Feedin Stroke	250mm
Z Axis Stroke	190mm	Machine Weight	2400kg
Knife Holder	BT40	Position Accuracy	±0.05mm
Total Power	11kW	Repeat Position Accuracy	±0.05mm



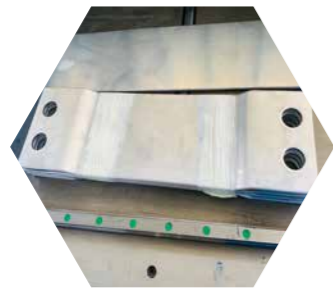
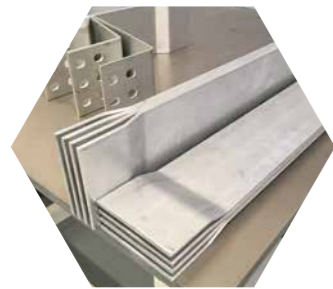
EMAC-BDM

Intelligent Busduct Busbar Prcoessing Center

- JS: Sawing and Jogging (press bending)
- JSP: Sawing and Jogging punching.
- JSPN: Sawing and Jogging, punching and notching

Intelligent bus bar process center has the functions of sawing off, punching, press bending, punching notching, etc., with the press riveting equipment to complete the finished bus bar processing, by positioning system, hydraulic system, electric control system and other auxiliary functions, etc., to introduce different models to meet the various needs of the majority of users.

The equipment adopts Windows computer human-machine interface and applies Beiene busbar special software to automatically identify order drawings, fast layout to reduce manual code input, save manpower and avoid waste.



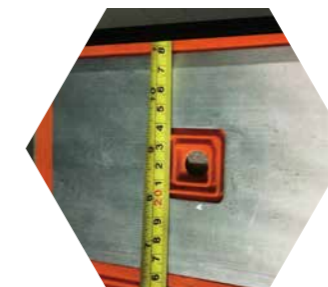
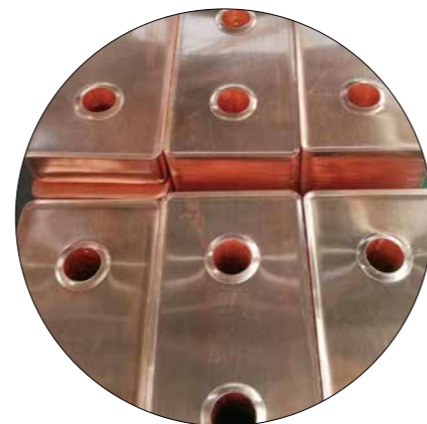
Item	Data	Item	Data
Punching Force	400kN	Sawing Station	1
Jogging Force	400kN	Jogging Station	1
X Axis Max Speed	48m/min	Max Busbar Size	6000×200×6mm
Main Clamp Stroke	2000mm	Min Busbar Size	500×30×3mm
Aided Clamp Stroke	500mm	Total Power	15kW
Jogging Stroke	±25mm	Machine Dimension	15000×3000mm
Hole Punching Station	1/2		
Notching Station	1	Accuracy	±0.2mm

EMAC-BDM-SP

Intelligent Busduct Fish Plate Processing Machine

- CNC Control and Simple Program with Friendly Data input HMI
- Multifunction including punching, guillotine cutting and Hole stretching
- Adopt Hi-End Leading Industrial CNC Control Components.
- Automatic Anti-fault ,correcting and fault alarm etc safety system
- Center up clamp and servo feeding by guide rail and ball screw
- Real time program running
- Compact design and save working space

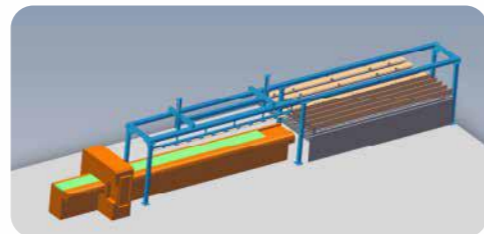
Item	Data	Item	Data
Punching Force	200kN	Busbar Width	120~160mm
Shearing Force	200kN	Busbar Thickness	3~7mm
Steching Force	200kN	Steching Size	27~38mm
Position Speed	48m/min	Machine Weight	1500kg
HIT Speed	40HPM	Machine Size (L × W × H)	2340×1170× 1720mm
Punching Station	1	Hydraulic Force	35MPa
Steching Station	1	Position Accuracy	<±0.15mm/m
Shearing Station	1		
Max Punching Size	Φ38 mm		
Max Busbar Length	< 6000mm		





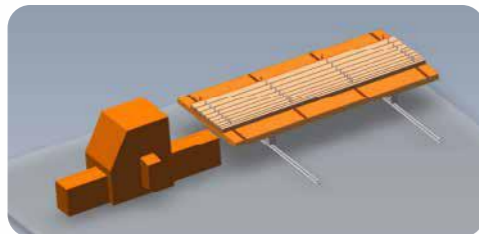
T-1

Busbar Trolley



RGVMAN-V

Busbar Storing and Loading Machine



PPY-K

Busbar Storing Platform



IMAC-6000

Intelligent Busbar Storing & Loading Machine

