

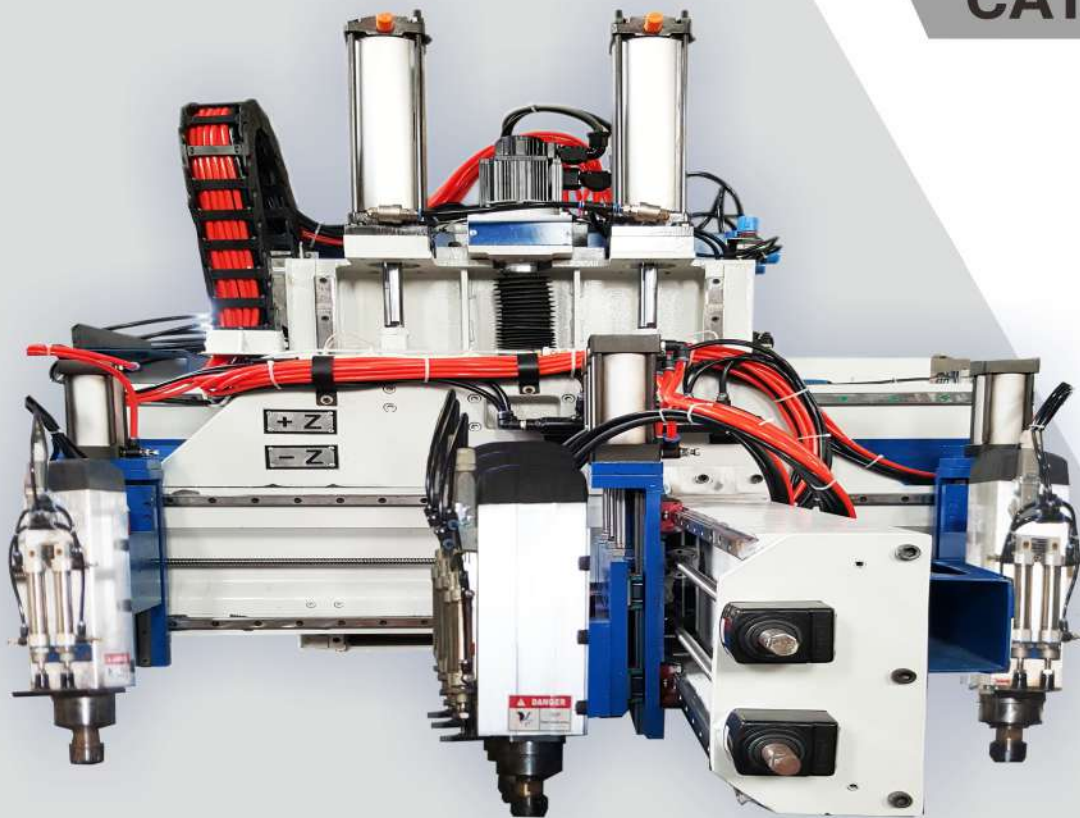
# MTECH

YOUR WOODWORKING SOLUTION



PRODUCT

CATALOGUE



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**KARYA ANAK BANGSA**  
**MTECH**





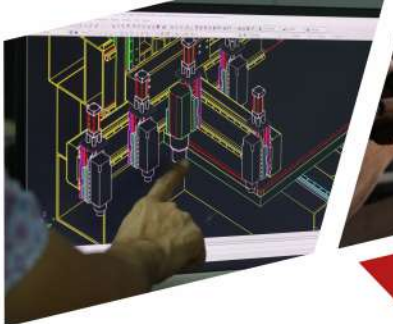


# COMPANY HISTORY

PT. Amtech was established in 2001 with an objective to offer woodworking premium quality machine as distributor of Taiwan Woodworking Machines.

Co-founder, Mr. Suyono Indra spotting a huge prospect of woodworking business opportunities then he extends his business by manufacturing it's own machines such as High Frequency, Computer Numeric Control, Shrinking Machine, Water Spray Booth, Dry Spray Booth, Vacuum Treatment, Double Cutting, Assembling Press, etc.

To full fill customer's needs in term of budget and various machine type, PT.Amtech establish cooperation with China Woodworking Supplier and it makes business growth not only as distributor and manufacture but it covering woodworking factory consultant services.



## What the Company Does

Woodworking machine manufacturing  
Taiwan and China woodworking machine distributor  
Woodworking factory consultant

## STRATEGY

### Vision

To be a leading company who provide "One Stop Solution" service in woodworking industry

### Mission

To carry out of "Continuous Improvement" in order to achieve major breakthroughs in product and service quality

[www.ptamtech.com](http://www.ptamtech.com)

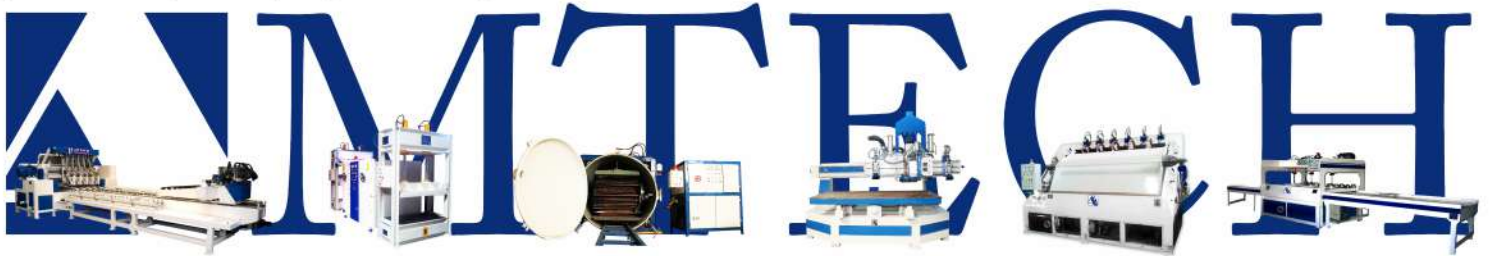


# SEJARAH PERUSAHAAN

PT. AMTECH didirikan pada tahun 2001 sebagai distributor mesin pengolahan kayu asal Taiwan dengan tujuan untuk menawarkan mesin berkualitas premium.

Pendiri perusahaan, Bapak Suyono Indra melihat prospek yang besar dari peluang bisnis pengolahan kayu sehingga beliau memperluas bisnisnya dengan memproduksi mesinnya sendiri, seperti High Frequency, CNC, Shrinking Machine, Water Spray Booth, Dry Spray Booth, Vacuum Treatment, Double cutting, Assembling Press, dan lain lain.

untuk memenuhi kebutuhan pelanggan baik dalam hal anggaran maupun jenis mesin, PT amtech menjalin kerjasama dengan supplier mesin pengolahan kayu asal China sehingga membuat bisnis terus bertumbuh. Tidak hanya sebagai distributor dan Manufaktur tetapi juga memberikan konsultasi pembuatan pabrik pengolahan kayu.



[www.ptamtech.com](http://www.ptamtech.com)

## Apa yang dilakukan Perusahaan

- Distributor mesin pengolahan kayu asal China dan Taiwan
- Manufaktur, Penjualan dan Konsultan mesin pengolahan kayu
- Konsultan pabrik pengolahan kayu

## STRATEGI

### Visi

Menjadi perusahaan terkemuka yang menyediakan layanan "Solusi One Stop" dalam industri pengolahan kayu

### Misi

Melaksanakan "Pengembangan Berkelanjutan" guna mencapai terobosan besar dalam kualitas produk dan layanan.

## CNC 5 HEAD



CNC Machine has 5 spindle heads. This machine can use 5 engraving tools at once in turn. This machine will increase your productivity quickly.

## SPECIFICATION

Spindle	5 Head	7,5 KW
Speed	40 KW	2.000-20.000 r.p.m
Table Size	15 KW	1100x2100 mm
CNC System	AMTECH	AMTECH
Vacuum Pump	Liquid Ring	5,5 KW

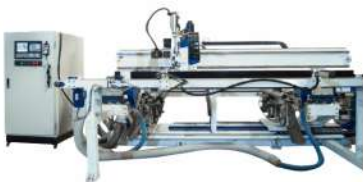
## CNC 5 HEAD ( WITH 1 HEAD TOOL CHANGER )

CNC machine has the main function as a cutting tool, carving tool, and marker tools. This machine can change the cutting tool automatically ( *Automatic Tool Changer* ). So you can minimize production process time. Because you can process cutting, engraving, marking and changing cutting tools automatically. Remember! this only need one machine.



## SPECIFICATION

Spindle	5 Head	With Tool Changer
Table size		2100 x 1100 mm
CNC Control	AMTECH	AMTECH
Max Feed Speed	AMTECH	X,Y Axis 32 m/minutes Z Axis 9 m/minutes
Tools	Tools Changer 8 Slot	ISO - 30
Collet Chuck		ISO 30 Er32
Motor	Spindle 4 Head	7,5 kw
Motor	Spindle Tool Changer	7,5 kw
	Vacuum	5 hp



## CNC SIS N BOR

This is a CNC machine that has the ability to cut and drill wood in one time, of course this can save machine costs because it doesn't need to require a lot of machines. It's only enough with CNC Sis & Bor to increase productivity.

## SPECIFICATION

Body Dimension: P:1950 mm L:3000 mm

Motor Bor ( 2 Unit )		Motor Gergaji ( 2 Unit )	
Power	0.4 Kw X 2	Power	0.75
Pole	2 P	Pole	2 P
Hz	50/ 60	Hz	50 / 60
Volt	200	Volt	200
Amp	2.0 / 1.8	Amp	3.3/ 3.1
Rpm	2810 / 3380	Rpm	2810 / 3380



## CNC ROUTER WITH SAW



CNC machine has the main function as a cutter, engraving, marking tools and cutting with a saw cutter. This machine helps you to maximize door manufacturing process and wood carving as well as for the cutting process.

## SPECIFICATION

Spindle	Number Of Spindle/Speed	1/2.000 - 20.000 r.p.m
	Saw Blade Unit	1x10",00 - 90 Degree Rotation
Table Size		1220 x 2440 mm
Axis Travel	X,Y,Z	2.500 , 1.400 , 300 mm
Max Feed Speed	X,Y,Z	Up to +/- 32 M/min - 9 M/min
Tools	Tool Holde Type	ISO - 30
Tool of Heat Stick	of Tool per Spindle	8
Air Pressure		6 kg/cm2
CNC System	AMTECH	AMTECH
Motor	Saw	5 HP
	Vacuum	5,5 Kw
	Spindle	7,5 Kw

## CNC ROUTER WITH SAW & PLANER

CNC machine has a function as a cutting tool, engraving tools, marking tools, saw cutting tools and planers. This machine increases productivity and efficiency production, because it is enough to use only one machine.



## SPECIFICATION

Spindle	Planner Head	D +/- 80 x 250
	Number of Spindle/Speed	1/2.000 - 20.000 r.p.m
	Saw Blade Unit	1x10",00 - 90 Degree Rotation
Table Size		1220 x 2440 mm
Axis Travel	X,Y,Z	2.500 , 1.400 , 300 mm
Max Feed Speed	X,Y,Z	Up to +/- 32 M/min - 9 M/min
Tools	Tool Holde Type	ISO - 30
Tool of Heat Stick	of Tool per Spindle	8
Air Pressure		6 kg/cm2
CNC System	AMTECH	AMTECH
Motor	Saw	5 HP
	Vacuum	5,5 Kw
	Spindle	7,5 Kw
	Planner	7,5 Kw

## CNC ROUTER WITH ATC



CNC machine has the main function as a cutting tool, carving tool, and marker tools. This machine can change the cutting tool automatically ( *Automatic Tool Changer* ). So you can minimize production process time. Because you can process cutting, engraving, marking and changing cutting tools automatically. Remember! this only need one machine.

## SPECIFICATION

Spindle	1 Head	With ATC
		2.000 - 20.000 r.p.m
Table Size		1220 x 2440 mm
Axis Travel	X,Y,Z	2.500 , 1.400 , 300 mm
Tools	Tool Holde Type	ISO - 30
	Tool Magazine	8
Air Pressure		6 kg/cm <sup>2</sup>
CNC System	AMTECH	AMTECH
Motor	Vacuum	7,5 HP
	Spindle	10 HP

## CNC ROUTERS 1 HEAD WITH CIRCLE SAW ( TYPE RC1-ATC )

CNC machine has the main function as a cutting tool, engraving tools, and marking tools. This machine has additional cutting tools, namely sawing which serves to cut.



## SPECIFICATION

Spindle Routers	1 Head	11 KW With ATC
Circle Saw	90 Degree X,Y Position	5,5 KW
Table Size	2100 x 900 mm	
CNC Control	AMTECH	AMTECH
Max Feed Speed	X,Y Axis 32 m/Minutes Z Axis 9 m / Minutes	
Air Pressure	6 Kg/Cm <sup>2</sup>	
Motor	Vacuum	7,5 HP



## HF LAMINATING



This machine uses high frequency to dry wood glue fast. Usually used in the laminating process or press veneer for doors. This machine can drying glue in just two minutes without causing any changes to structure of the material. Suitable for those who pursuit of speed and quantity. This machine is better than Hot Press. Hot Press can only cover one side, with HF Laminating you can dry multiple sides at once without having to flip the material and dry within 5 minutes.

## SPECIFICATION

MODEL	2600	3100	3600	4200
Dimension	2800x2000x2150 mm	3300x2000x2150 mm	3800x2000x2150 mm	4400x2000x2150 mm
Max Working Size	2600x1200 mm	2600x1200 mm	3600x1200 mm	4200x2000 mm
Max Material Thickness	80 mm	80 mm	80 mm	80 mm
Min Material Thickness	10 mm	10 mm	10 mm	10 mm
Up Hydraulic	3 Unit	4 Unit	4 Unit	5 Unit
Side hydraulic	13 Unit	16 Unit	18 Unit	22 Unit
Hydraulic Pump	5 HP	5 HP	7,5 HP	7,5 HP
Input Power	40 KVA	50 KVA	60 KVA	60 KVA
	380 v 50 H	380 V 50 H	380 V 50 H	380 V 50 H
Output Power	15 Kw	25 Kw	30 KW	30 Kw

## ULTRA HF LAMINATING

- Independent Trafo @1.2 kw
- Magnetron
- Independent Capacitor
- Independent Dioda

This machine offers a more efficient electricity consumption and lower sparepart cost from the regular HF Machine



## SPECIFICATION

MODEL	2600
Dimension	2800x2000x2150 mm
Max Working Size	2600x1200 mm
Max Material Thickness	40 mm
Min Material Thickness	10 mm
Up Hydraulic	4 unit dia. 63x300 mm
Side hydraulic	8 unit dia. 63*100 mm
Hydraulic Power	5 kw
Input Power	30 kw - 380 v 50 h
Heating Power	16.5 kw
Conveyor	2.2 kw
Panel	Touch Screen



## HF BENDING



HF Bending machine has the main function of making bending wooden boards as desired by using high frequencies which are converted to heat energy, so that they can bend (bending) to produce various plywood components.

## SPECIFICATION

Model	15 KW	30 KW
Input Power	40 KW	50 KW
Output Power	15 KW	30 KW
Dimension	1120x1780x1550 mm	

## HF VACUUM DRYING FOR WOOD

HF Vacuum Drying machine has the main function of drying wood with high frequency which has much faster efficiency than traditional dryers.



## SPECIFICATION

Model	Vacum Dryer
Input Power	60 KVA
Output Power	30 KW
Dimension	Dia. 1800 x 4500 mm
Vacuum Pressure	20 - 40 Hours According Wood Type
Moisture Content After Dried	70 KVA Less or Minus 12%

## HF MACHINE FOR DOOR PRESS



HF Machine For Door Press has the main function of assembling and gluing solid wood door frames, cabinets, window frames or other wood frames precisely and smoothly.

## SPECIFICATION

Model	High Frequency for Door
Material Size	2400x1200 mm
Upper Side Hydraulic	5 Unit Diameter 63 mm
Left Side Hydraulic	2 Unit Diameter 63 mm
Table Side Hydraulic	2 Unit Diameter 63 mm
Input Power	30 KVA 380 V 50 Hz
Output Power	15 KW

## WATER SPRAY BOOTH



This machine is a medium for painting a product with a powder coating painting system. This machine can help the operator in the painting process and is safe for the operator because it is equipped with water filtration as a paint powder filtration that does not stick to the painted product.

## SPECIFICATION

MODEL	3 Blower	4 Blower	5 Blower
Dimension	3600x2200x2300 mm	4500x2200x2300 mm	7200x2200x2300 mm
Screen	Stainless Steel Metal Sheet	Stainless Steel Metal Sheet	Stainless Steel Metal Sheet
Body	Galvanis Metal Sheet	Galvanis Metal Sheet	Galvanis Metal Sheet
Motor Blower	3 HP x 3	3 HP x 4	3 HP x 5
Motor Pump	1 HP	2 HP	2,5 HP
Panel	1 Set	1 Set	1 Set

## DRY SPRAY BOOTH

This machine has the same function as the Water Spray Booth, only for its filtration this machine uses dry filtration, making it easier and cheaper to maintain.



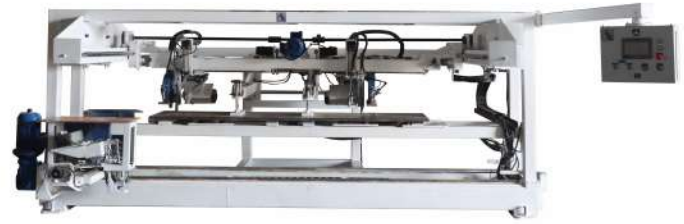
## SPECIFICATION

MODEL	3 Blower	4 Blower	5 Blower
Dimension	3600x2200x2300 mm	4500x700x2300 mm	7200x2200x2300 mm
Screen	Stainless Steel Metal Sheet	Stainless Steel Metal Sheet	Stainless Steel Metal Sheet
Body	Galvanis Metal Sheet	Galvanis Metal Sheet	Galvanis Metal Sheet
Motor Blower	3 HP x 3	3 HP x 4	3 HP x 5
Motor Pump	1 HP	2 HP	2,5 HP
Panel	1 Set	1 Set	1 Set



## AUTOMATIC DOUBLE SIZING

This machine is used to cut materials (doors, barecore, mdf, etc.) with precision. The advantage of this machine is the precision cuts with fast time.



## SPECIFICATION

Cutting Size	Cross 640-1220mm
	Long Cut 1600-2440mm
Spindle	4 unit 7.5Kw
Linear Bearing	Hiwin
Ball Screw	Tbi
Motor Servo	4 Unit 750w
Motor Induction	Cross Cut 3Hp
	Long Cut 3Hp

## CROSS CUT WITH INPUT OUTPUT MANUAL CONVEYOR



This machine is used to cut wood or material into desired pieces.

## SPECIFICATION

Motor Cutting	4 HP
Linier Bearing	2800x2000x2150 mm
Controller	2600x1200 mm
Stopper	80 mm
Roller	10 mm
Working Dimension	3 Unit

## SAW RUNNING TABLE MACHINE



Saw Running Table Is a cutting machine that has a table mechanism that moves the wood to be cut so that the cutting results will be more precise and straight.

### SPECIFICATION

Cutting Size	W x L x H	1.500 x 3.300 x 50 mm
Saw Dimension	Straight	Ø 350
	Cross	Ø 350
Side Alignment	Operating	Touch Screen
	Control	PLC
Machine Size	W x L x H	3.000 x 7.500 x 2.500 mm

### DOUBLE CUTTING

Double Cutting Is a wood cutting machine that has two cutting edges located on 2 sides, the right and left sides so that it can cut 2 sides with precise and straight sizes. This machine uses a PLC system for driving, so it can be operated automatically.



### SPECIFICATION

Max Length Of Cut	12 " - 96 "
Max Width Of Cut	24 "
Max Clamping Thickness	4,5 "
Saw Blade Dia	8" , 10" , 12" ( Optional )
Saw Arbor Dia	1"
Saw Blade Speed	3400 Rpm
Moulder Spindle Dia	1"
Spindle Speed	3400 / 6000 / 9000 Rpm
Saw Longitudinal Travel	12"
Saw Vertical Travel	17"
Saw Head Drive	2 Hp x 2
Moulder Spindle Drive	24"
N W / G W	950 / 1100 Kg
Machine Size	3400 x 1275 x 1125 mm



## AUTOMATIC SPRAY PAINTING

Machine that uses an automatic system in the painting system in accordance with the commands entered in the machine, which are in the form of a coordinate code of the location of the product to be painted.



## SPECIFICATION

Dimension ( WxLxH )	4.48 x 2.23 x 1.92 M
Min Dimension of door ( WxLxH )	2.4 x 0.8 M
Max Dimension of door ( WxLxH )	2.4 x 1.3 M
The Weight of the machine	1500 Kg

## HEAT SHRINK



Heat Shrink or Shrinking Packing allows wrapping the product by tightening the plastic wrap around the product by heating it in a machine. So that the product is safe from the presence of water and dust. This machine has automatic temperature control that you can adjust according to the heat needed.

## SPECIFICATION

Machine Dimension	4500x1650x160 mm
Material Thickness	150 mm
Material Width	1200 mm
Input Voltage	380 V, 3 Phase
Converter Motor	3 HP Rpm 1500 Including With Inverter
Heat Circulation	3 HP x 2 Unit
Cooler Fan	8 Unit
Amount of Heat Stick	24 Pieces
Total of Heat Stick Power	36 KW, 1,5 x 24 Pieces

## WOOD BLOCK MACHINE

Wood Block machine is used to press wood chips or sawdust into wood blocks. The result of wooden beams can be used for other processes and can save space. This machine uses hydraulic power makes the output product density is more evenly distributed.



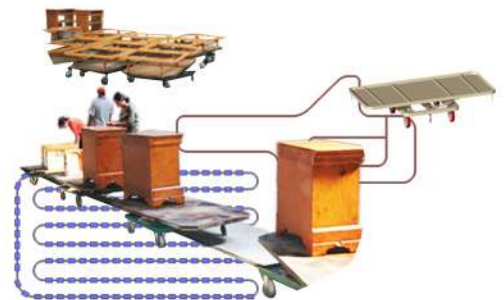
## SPECIFICATION

Press Force	80 Ton
Motor Power	18.5 KW / 25 HP
Pump	80 ml/r
Capacity	90 blocks /Hour
Bale Size	300 x 300 x 150mm
Machine Size	3500 x 950 x 1860mm

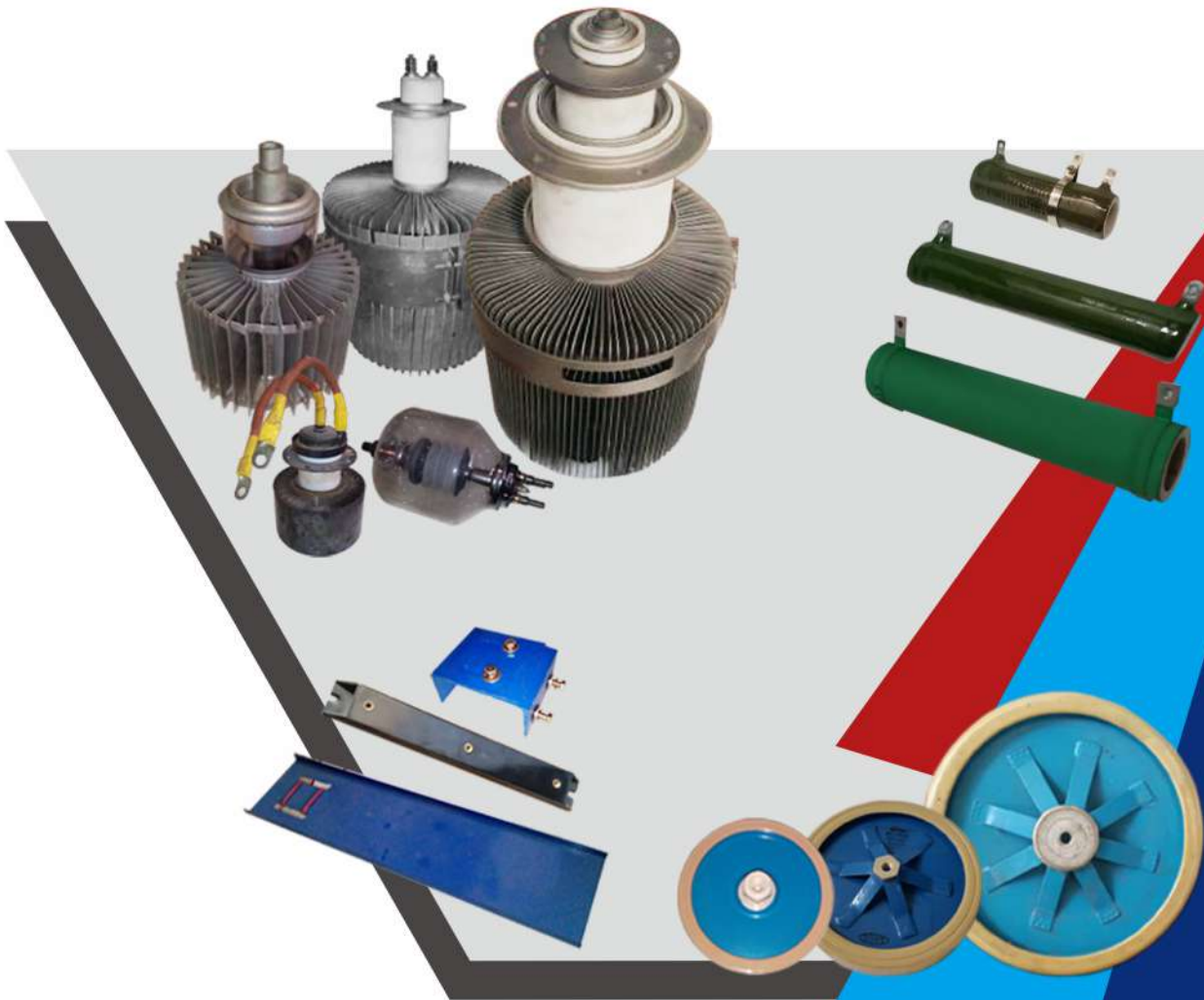
## FINISHING LINE WITH CONVEYOR SYSTEM

**Conveying System With Years of Experiences In Coating and Conveyor.**

AMTECH provide Cart Conveyor and Heavy Duty Cart Conveyor made from best frameworks, metal sheets, supported by best quality bearing and nylon castor.







## High Frequency Parts

Triode Tube Lamp

Capacitor

Resistor

Diodes



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