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RB MACHINES INDUSTRIES

SHAPING THE FUTURE OF GLASS CUTTING TECHNOLOGY

Glass Cutting Machines





ABOUT US

RB Machine Industries is a **leading manufacturer** of advanced **CNC Glass Processing Machines** , delivering innovative, precise, and reliable solutions to the glass industry. As a joint venture of **Renu Bhumi Engineering Industries , established in 1989 ,** we carry forward over three decades of engineering excellence and manufacturing expertise.

We specialize in designing and manufacturing a comprehensive range of glass processing solutions, including **CNC Glass Work Centres, Glass Cutting Machines, Automatic Glass Loading & Cutting Machines, Multi-Head Glass Cutting Machines, Glass Laser Machines, Glass Grooving Machines,** and customized automation systems to meet the evolving needs of the glass industry.

Every machine is engineered using premium-quality components and advanced technology to deliver exceptional precision, maximum productivity, low maintenance, and long service life. Our continuous focus on innovation, quality, and customer-centric engineering enables us to provide reliable solutions that improve manufacturing efficiency.

Within just four years of our journey, RB Machine Industries has successfully installed over 100+ machines across India, earning the trust of customers through outstanding machine performance, exceptional customer satisfaction, and dependable after-sales support.

At **RB Machine Industries**, we believe that lasting success is built on **Trust, Quality, Innovation, and Customer Satisfaction .** Our commitment is to deliver world-class glass processing solutions while building long-term partnerships with every customer.



CNC GLASS LASER MACHINE



Product Image





Technical Specification

Maximum Processing Size	2400 X 1200
Minimum Processing Size	80 X 80
Laser Type	FIBER LASER
Laser Power	120 W
Mechanical Repeatability Accuracy	0.15 MM
Laser Repeatibility Accuracy	0.002MM

Cooling Mode Water	Water Chiller
Application Industry	Glass, Mirror
Function	Sanding , Paint Removal , Drilling(For Mirror)
Air Pressure	0.6-0.8 MPA
Machine Diamension	2900 MM X 2260 MM X 1765 MM
Machine Weight	1000 KG

CNC GLASS CUTTING MACHINE



Product Image



Technical Specification

Maximum Glass Cutting Size	1840 X 2450
Glass Thickness	3-19 MM
X Y Axis Movement	20 MM Rail And Block
X Y Axis Transmission	25 MM Helical Rack And Pinion
Re-positioning Aqqurecy	0.01 Mm
Cutting Pricision	± 0.3
Cutting Speed	40 M / Min
Driving System	AC Servo System(750W)

Operating System	Weihong NC Studio V10
Drawing	DXF
Cutting Head	Pnumatic Cutter Box
Glass Holding	HDF Cloth With Blower
Air System	Blower System 2 KW
Glass Positioning	Auto Right Angle Sencor
Cutting Coolant System	Glass Cutting Oil
Machine Dimension	3100 X 2550 (Approx)
Machine Weight	1000 KG (Approx)

AUTOMATIC GLASS LOADING AND CUTTING MACHINE



Technical Specification

Maximum Glass Cutting Size	2440 X 3680
Glass Thickness	3 - 19 MM
X Y Z Axis Movement	20 MM Rail And Block
X Y Axis Transmission	25 MM Helical Rack And Pinion
Re-positioning Aqqurecy	0.01 MM
Cutting Pricision	± 0.3
Cutting Speed	50 M / Min
Driving System	AC Servo System (1 KW)

Operating System	Weihong NcStudio V15
Drawing	DXF
Cutting Head	Pnumatic Cutter Box
Glass Holding	Hdf Cloth With Blower
Air System	Blower System 3 KW
Glass Positioning	Auto Right Angle Sencor
Cutting Coolant System	Glass Cutting Oil
Machine Dimension	3100 X 4800 (Approx)
Machine Weight	2500 KG (Approx)

CNC GLASS WORK CENTRE

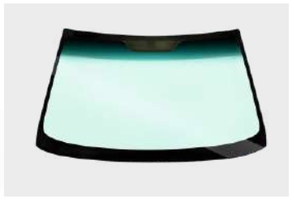
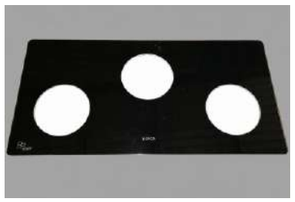
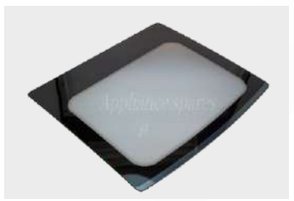


Technical Specification

Maximum Glass Cutting Size	1225 X 2450
Glass Thickness	3 - 19 MM
X Y Z Axis Movement	30 MM Rail And Block
X Y Axis Transmission	25 MM Helical Rack And Pinion
Z Axis Transmission	25 MM Ball Screw
Re-positioning Aqqurecy	0.01 MM
Cutting Pricision	± 0.2
Cutting Speed	15 M/Min
Driving System	AC Servo System (1.5 KW)
Operating System	Weihong NcStudio Nc65

Drawing	DXF
Cutting Spindle	15 KW ATC(4 Station)
Spindle Cooling	Water Chiller
Glass Holding	Vacuum Suction Cup
Vacuum System	Monoblock Water Vacuum Pump
Glass Positioning	Moveable Vacuum Pile
Cutting Coolant System	Water Circulation Pump
Machine Dimension	4000 X 2200 (Approx)
Machine Weight	3500 KG (Approx)

Product Image


CNC MULTIHEAD GLASS CUTTING MACHINE



Product Image





Technical Specification

Maximum Glass Cutting Size	1840 X 920
Glass Thickness	1-6 MM
X Y Z Axis Movement	20 MM Rail And Block
X Y Axis Transmission	25 MM Helical Rack And Pinion
Z Axis Transmission	25 MM Ball Screw
Re-positioning Aqqurecy	0.01 MM
Cutting Pricision	± 0.3
Cutting Speed	20 M / Min
Driving System	Hybrid Servo System

Operating System	NC Studio V5
Drawing	G-code
Cutting Head	Manual Spring Box
Glass Holding	HDF Table With Vacuum
Vacuum System	Vacuum Ring Blower
Glass Positioning	Reference Point
Cutting Coolant System	Glass Cutting Oil
Machine Dimension	2500 X 1350 (Approx)
Machine Weight	800 KG (Approx)

CNC GLASS WATER JET MACHINE



Product Image





Technical Specification

X Y Z Axis Movement	30 Mm Rail And Block
X Y Axis Transmission	25 Mm Rack And Pinion
Z Axis Transmission	25 Mm Ball Screw
Diamension	4000mm x 2300mm
Working Size	2500mm x 1300mm x 200mm
Max.pressure	420mpa/4200bar/ 60ksi
Working Pressure	350-400mpa

Servo System	Weihong
Re - Positioning Accuracy	0.0025 Mm/m
Cutting Accuracy	0.1mm
Max. Running Speed	15M/min
Water Supply	15L/min
Material	Glass, Marbel, Stone
Lubrication	Automatic Oil Lubrication

CNC GLASS GROOVING MACHINE



Product Image





Technical Specification

Max processing size (L×W)	3000 × 1900 mm	Spindle Power	4.0 kW
Minimum processing size (L×W)	150 × 150 mm	Speed of grinding wheel	0–5000 r/min
X, Y, Z axis trip	3300 × 1900 × 155 mm	Dimension	5500 × 2970 × 2250 mm
X, Y, Z, C axis speed	X axis: 60 m/min Y axis: 30 m/min Z axis: 30 m/min C axis: 120°/min	Weight	7600 kg
Glass thickness	3–30 mm		
Cutter	2 × 5		
Tool specification	Φ110–Φ170 mm		
Power equipment	21 kW		

KNOW WHAT OUR CLIENTS SAY.

INFINITE GLASS TECH PVT LTD
We have been using the CNC Glass Work Centre from RB Machines Industries, and the machine has consistently delivered excellent accuracy and finishing quality. Their after-sales support is prompt, and we are completely satisfied with the overall performance.

RELIABLE PACKAGING INDUSTRIES LTD
RB Machines Industries delivered exactly what they committed. The machine quality, reliability, and technical support have exceeded our expectations. It has helped us improve our production efficiency significantly.

NANDA GLASS INDUSTRIES
The CNC machine from RB Machines Industries offers excellent precision and smooth operation. It has enhanced our glass processing quality, and their service team has always been supportive whenever required.

JGS GLASS INDUSTRIES
We are very pleased with the performance of the RB Machines CNC Glass Work Centre. The machine is easy to operate, delivers consistent results, and the team's technical support is highly professional.

METALIC IMPRESSIONS PVT LTD
We appreciate the engineering quality and professionalism of RB Machines Industries. Their machine performs reliably, and the overall experience—from installation to after-sales service—has been excellent.