



# SHAPING THE FUTURE OF **GLASS CUTTING TECHNOLOGY**

**Glass Cutting Machines**

# ABOUT US

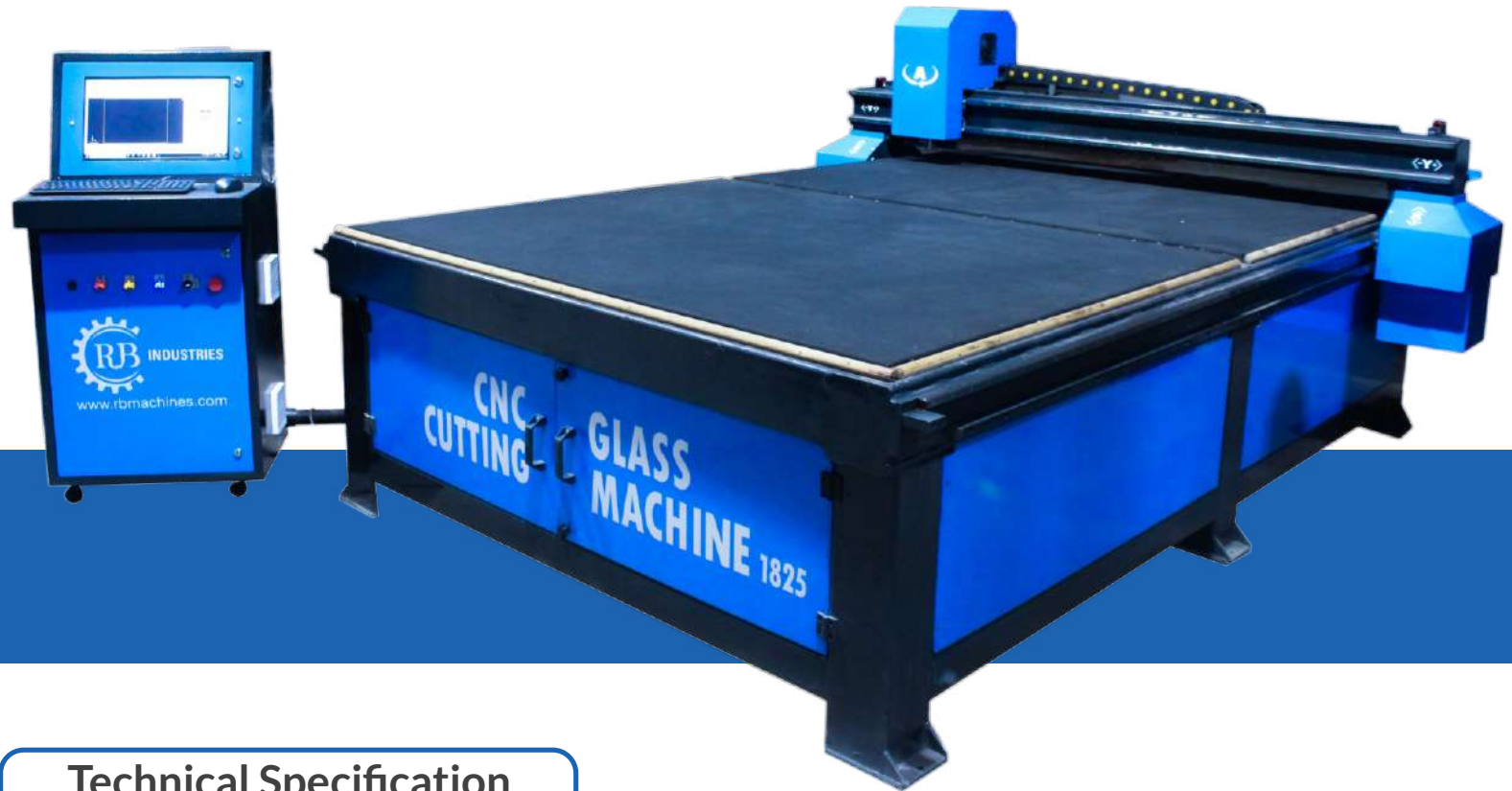
RB Machine Industries is a Joint Venture company of Renu Bhumi Engineering Industries, formerly known as Renu Engineering Industries (REI) was established in 1989 at Bilimora. Renu Bhumi Engineering is engaged in designing and Manufacturing of high quality chemical plants, Alcohol Distillation Plants, Portable Liquor Plants & Silent Spirit Plants, Brewery Equipments, plants and also Formaldehyde plants based on Metal Oxide or Silver Catalyst and also other Pharmaceutical projects on turn key base. Renu Bhumi also in manufacturing of Bulk Storage Tanks for Molassis and Product storage and Heat Exchangers, Vessels, Reactors.

With the engineering expertise and years of experience the company Jumped into the business of CNC Machine for Glass, Wood, Metal and Stone field. RB Machine Industries is always focussing on three principal rule, Trust, Quality and Customer Satisfaction.



# 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 Accuracy	0.01 Mm
◆ Cutting Precision	± 0.3
◆ Cutting Speed	40 M / Min
◆ Driving System	AC Servo System(750W)

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

# CNC GLASS CUTTING CENTRE

## Product Image



## Technical Specification

♦ Maximum Glass Cutting Size	920 X 2450	♦ Drawing	DXF
♦ Glass Thickness	3 - 19 MM	♦ Cutting Spindle	5.5 KW Manual Tool
♦ X Y Z Axis Movement	25 MM Rail And Block	♦ Spindle Cooling	Water Tank
♦ XY Axis Transmission	25 MM Helical Rack And Pinion	♦ Glass Holding	Vacuum Suction Plate
♦ Z Axis Transmission	25 MM Ball Screw	♦ Vacuum System	Rotery Oil Vacuum Pump
♦ Re-positioning Accuracy	0.01 MM	♦ Glass Positioning	Moveable Vacuum Pile
♦ Cutting Precision	± 0.3	♦ Cutting Coolant System	Water Circulation Pump
♦ Cutting Speed	10 M / Min	♦ Machine Dimension	3100 X 2100 (Approx)
♦ Driving System	AC Servo System(750w)	♦ Machine Weight	2500 KG (Approx)
♦ Operating System	Weihong Nc Studio Nc65		

# CNC GLASS WORK CENTRE

## Product Image



## 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 Accuracy	0.01 MM
♦ Cutting Precision	± 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)

# AUTOMATIC GLASS LOADING AND CUTTING MACHINE

## Product Image

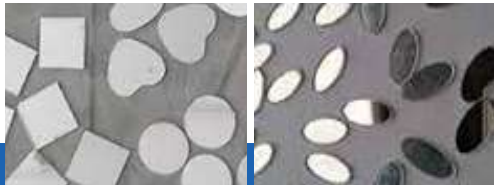


## Technical Specification

♦ Maximum Glass Cutting Size	2440 X 3680	♦ Operating System	Weihong NcStudio V15
♦ Glass Thickness	3 - 19 MM	♦ Drawing	DXF
♦ X Y Z Axis Movement	20 MM Rail And Block	♦ Cutting Head	Pnumatic Cutter Box
♦ X Y Axis Transmission	25 MM Helical Rack And Pinion	♦ Glass Holding	Hdf Cloth With Blower
♦ Re-positioning Aqqurecy	0.01 MM	♦ Air System	Blower System 3 KW
♦ Cutting Pricision	± 0.3	♦ Glass Positioning	Auto Right Angle Sencor
♦ Cutting Speed	50 M / Min	♦ Cutting Coolant System	Glass Cutting Oil
♦ Driving System	AC Servo System (1 KW)	♦ Machine Dimension	3100 X 4800 (Approx)
		♦ Machine Weight	2500 KG (Approx)

# CNC MULTIHEAD GLASS CUTTING MACHINE

## Product Image

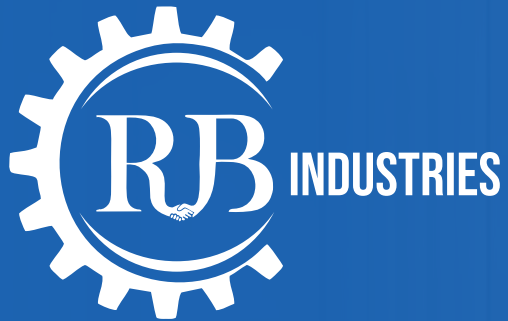


## Technical Specification

♦ Maximum Glass Cutting Size	1840 X 920	♦ Operating System	NC Studio V5
♦ Glass Thickness	1-6 MM	♦ Drawing	G-code
♦ X Y Z Axis Movement	20 MM Rail And Block	♦ Cutting Head	Manual Spring Box
♦ X Y Axis Transmission	25 MM Helical Rack And Pinion	♦ Glass Holding	HDF Table With Vacuum
♦ Z Axis Transmission	25 MM Ball Screw	♦ Vacuum System	Vacuum Ring Blower
♦ Re-positioning Accuracy	0.01 MM	♦ Glass Positioning	Reference Point
♦ Cutting Precision	± 0.3	♦ Cutting Coolant System	Glass Cutting Oil
♦ Cutting Speed	20 M / Min	♦ Machine Dimension	2500 X 1350 (Approx)
♦ Driving System	Hybrid Servo System	♦ Machine Weight	800 KG (Approx)



SCAN TO CALL



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