



INFINITY MACHINES
ماكينة العمر

Glass Decoration Machines



2026

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Glass engraving Machine (Cups)

This machine engraves glass and crystal pieces of various circular, square and irregular shapes by means of the latest programs for design and implementation through this three-axis machine to ensure an excellent and consistent engraving level according to the customer's request (**deep** / **superficial** / **inscribed**)



Technical Specifications

Number of Heads	Productivity	Max Diameter	Max Height	Electricity
10 / 8 / 6 Heads	1 piece / minute (Average)	14 / 23 / 28 cm	27 cm / 37 cm	220 Volt
Power	Safety Systems	Operating System	Weight	Cooling
900 Watt	Electric	Computer	160 kg	Closed Water Cycle

According to customer request



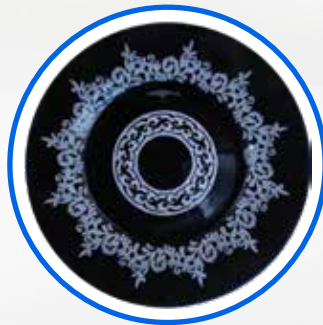
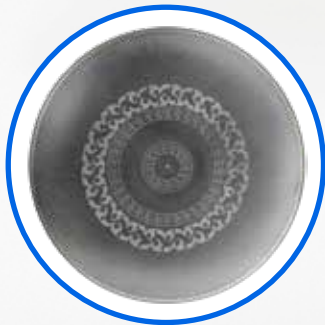
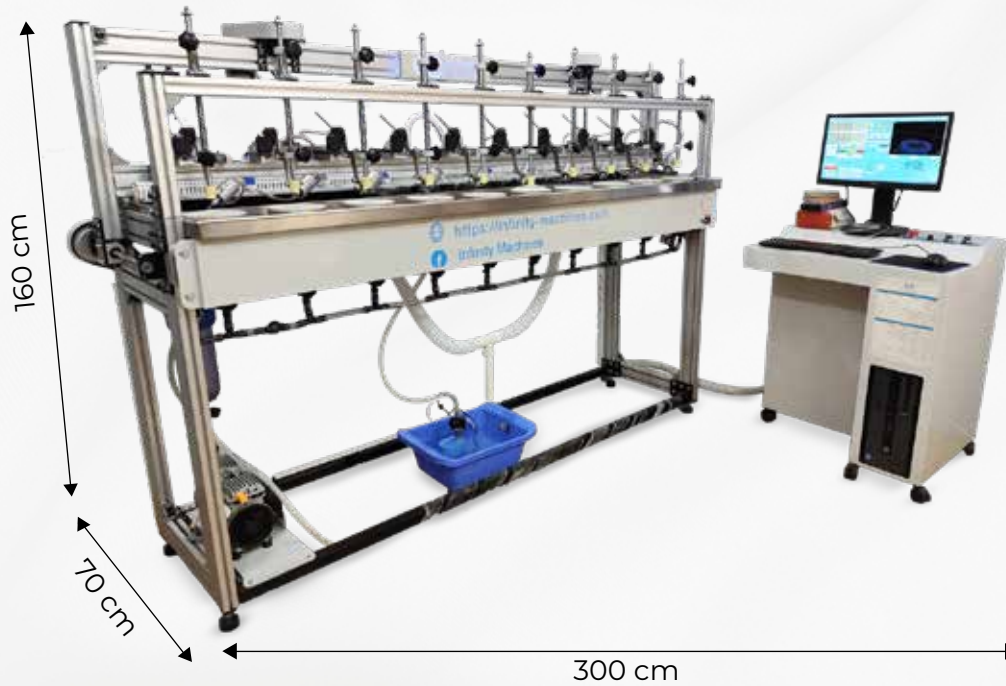
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Glass engraving Machine (Dish)

This machine engraves dish of various shapes by means of the latest programs for design and implementation through this three-axis machine to ensure an excellent and consistent engraving level according to the customer's request (deep / superficial / inscribed)



Technical Specifications

Number of Heads	Productivity	Max Diameter	Max Height	Electricity
10 / 8 / 6 Heads	1 piece / minute (Average)	14 / 23 / 28 cm	27 cm	220 Volt
Power	Safety Systems	Operating System	Weight	Cooling
900 Watt	Electric	Computer	160 kg	Closed Water Cycle

According to customer request



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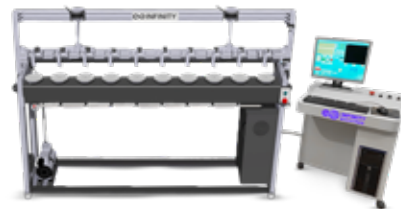
Pantograph Line (transparent Etching)

The pantograph line is used to engrave glass and crystal using the wax and acid method to produce shiny engraving. It consists of four machines: a wax, engraving, acid and washing machine .

It is used in manufacturing the line , Raw materials do not react with the acids used , Each machine contains its own safety Procedures for the safety of the worker and the factory , Using The latest software for design and implementation .



1 - Wax Machine



2 - Engraving
Needle Machine



3 - Acid Machine



4 - Washing Machine



1 - Wax Machine

This machine melts the wax used in the tank (made of stainless steel) up to a temperature of 90 degrees in order to allow user to Submerge the required glass for the required period and then leave it outside the machine so that it solidifies forming a thin layer of wax on the required glass) .



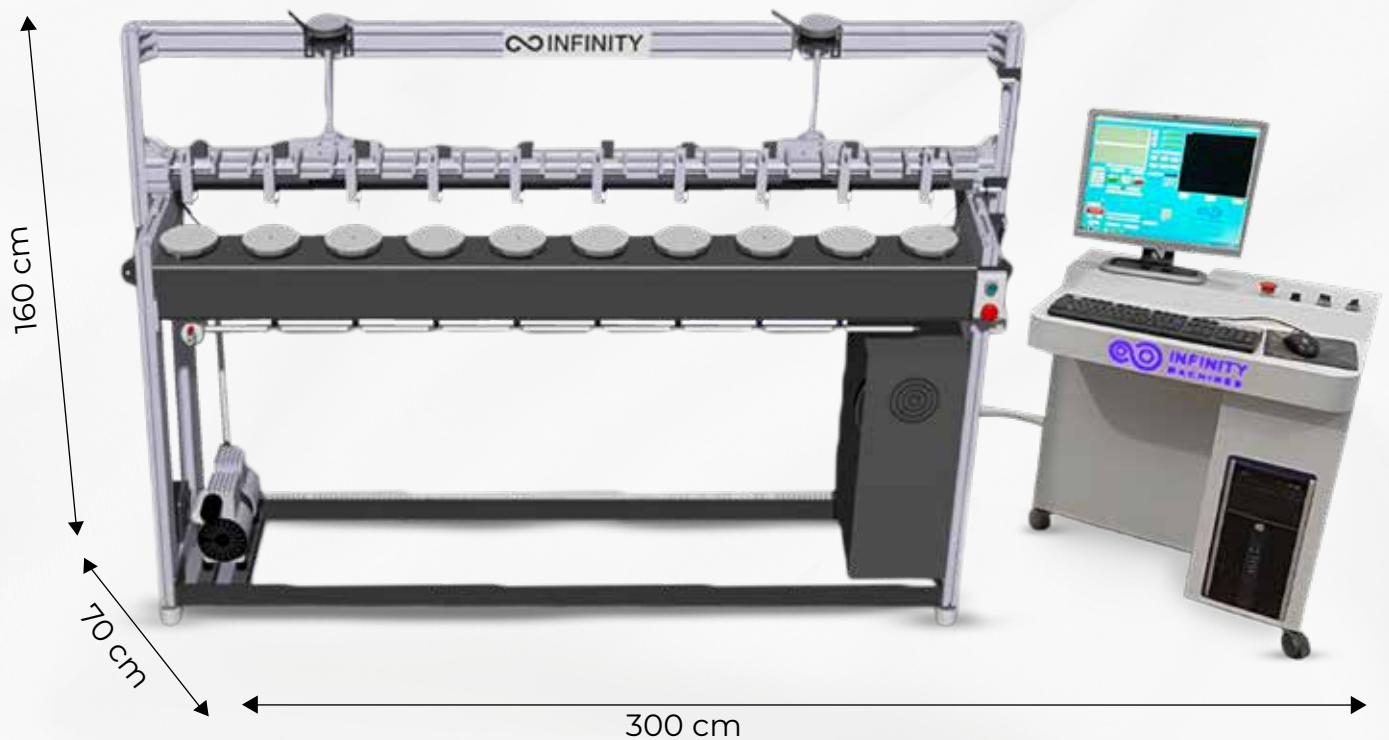
Technical Specifications

number Of Pieces	Maximum Height	Cycle Time	Electricity	Power	Safety Systems	Operating Syste
20-15 pieces / cycle	40 cm	20 seconds to 5 minutes	380 / 220 Volt	6.5 kW	Automatic	Electric

According to customer request

2 - Engraving Needle Machine:

This machine engraves the wax layer according to the required design on the pieces of glass and crystal of various circular, square and irregular shapes by means of the latest programs for design and implementation through this machine with three axis to ensure an excellent level of engraving .



Technical Specifications

Number of Heads	Productivity	Max Diameter	Max Height	Electricity	Power	Safety Systems
10 / 8 / 6 Heads	1 piece/ minute (Average)	28 / 23 / 14 cm	37 cm	220 Volt	900 Watt	Electric

According to customer request

3 - Acid Machine :

This machine Submerge the different pieces of glass into the acid tank in order to etch the glass through the chemical reaction between the glass and the acid in order to give a bright etching with high accuracy, then it washes the pieces with water to allow the worker to contact directly without any danger.



Technical Specifications

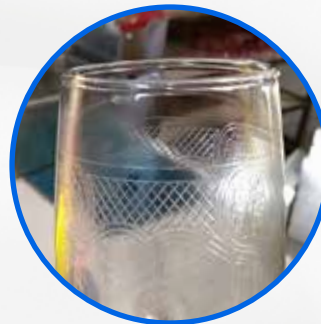
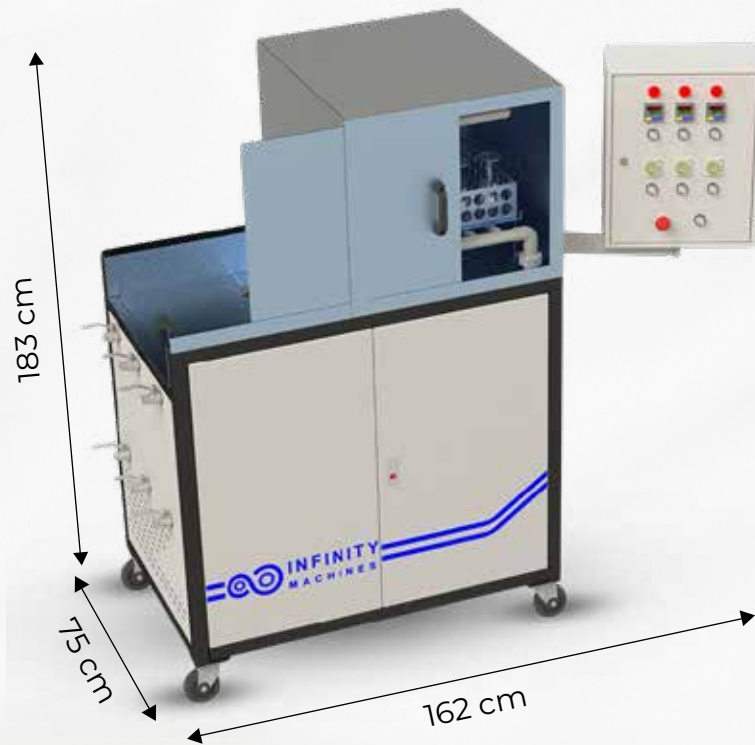
No. of Pieces	Max Height	Cycle Time	Electricity	Power	Operating System	Safety System
20 - 15 pieces / cycle	45 cm	Up to 10 minutes (Allows repetition)	380 / 220 Volt	750 kW	Automatic	Automatic Electric

According to customer request

4 - Washing Machine :

This machine washes the glass pieces with hot water up to 95 degree until the entire wax layer is removed from the required pieces through two / three stages According to customer request.

(the washing cycle is a closed cycle to save water use).



Technical Specifications

No. of Pieces	No. of Stages	Max Height	Operating Time
20-15 pieces / cycle	3 / 2 stages	45 cm	10 seconds (Allows repetition)
Electricity	Power	Safety Systems	Operating System
380 / 220 Volt	7.5 kW	Electric	Automatic

According to customer request

Manual Engraving Machine

This machine helps the worker to implement his skills in engraving on different pieces of glass and crystal to create all the required natural and geometric shapes on them.



Technical Specifications

Speed	Electricity	Power	Weight
Adjustable	220 Volt	750 Watt	120 kg

According to customer request

Glass Polishing Machine

This machine polishes glass and crystal pieces using different acids (sulfuric acid - hydrofluoric acid), then immersing them in hot water to remove the sand formed, then repeating this process until the required quality is obtained. It contains a distillation unit to remove acid gases formed during the polishing process before they exit the chimney to preserve the environment.



Heating unit



Acid Gas Distillation Unit



Cup basket



Technical Specifications

According to customer request

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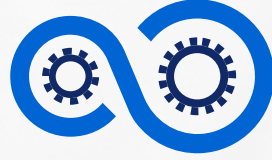
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Where we are proud to provide machines characterized by reliability, high efficiency and providing the best after-sales service.

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