SAGA®
KATERINČIN

Slovak Art Glass Automatic

SAGARYT SGA

Basic Informations



Machine description

SAGARYT is one purpose machine for Artistic glass engraving.

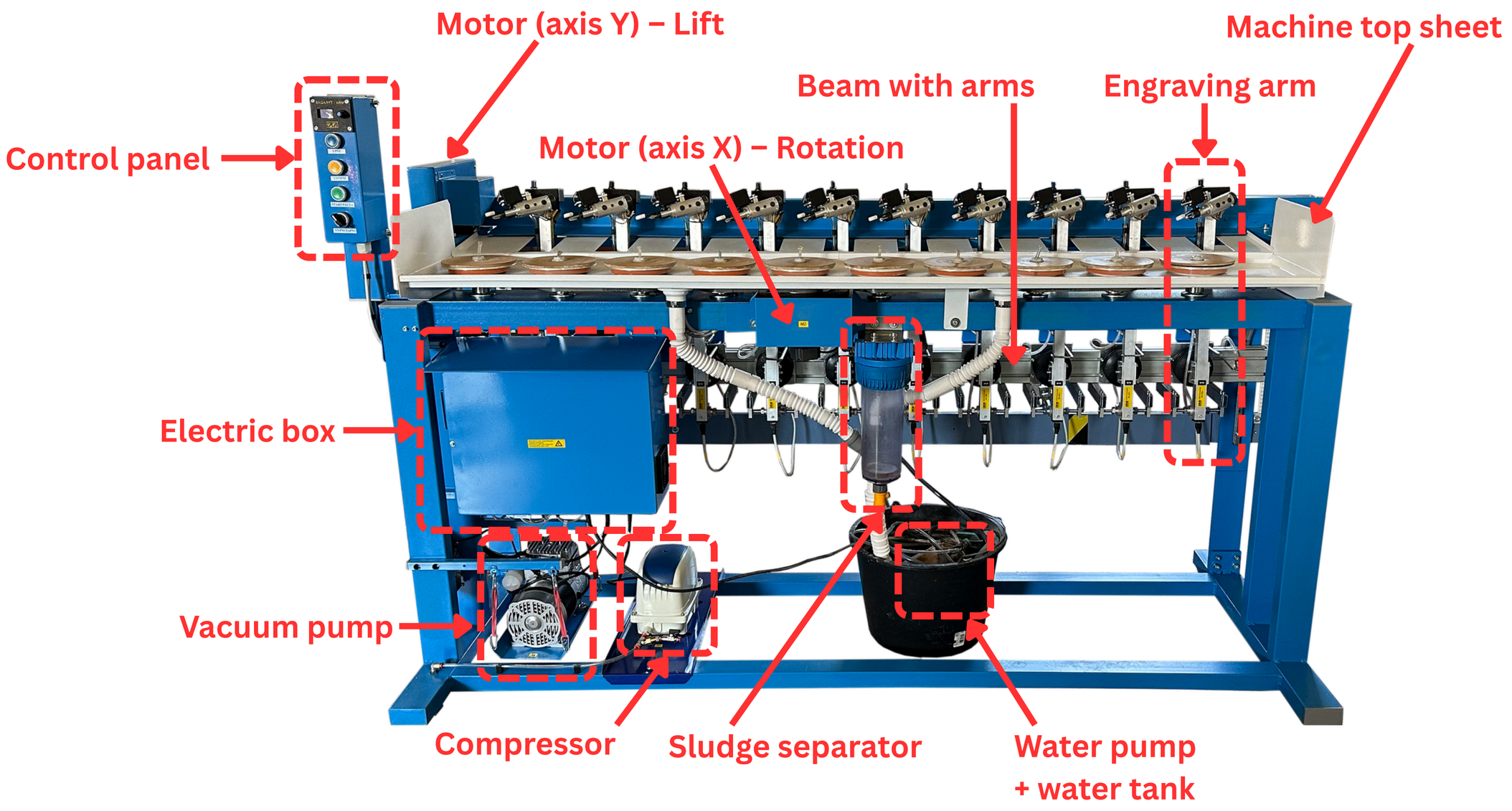
Machine is available in configurations of 2, 6, or 10 grinding arms
***the number of arms depends on the required glass output per shift.**

Glasses are held on the machine's turntable by central vacuum.
***Important: during operation, every position on the turntable must be sealed — either with a glass or a plug — to prevent vacuum loss.**

Machine features a **highly precise** and **advanced** control system for both **grinding wheel speed** and the **pressure** applied against the glass, allowing us to produce thick lines — but primarily very fine, delicate ones.

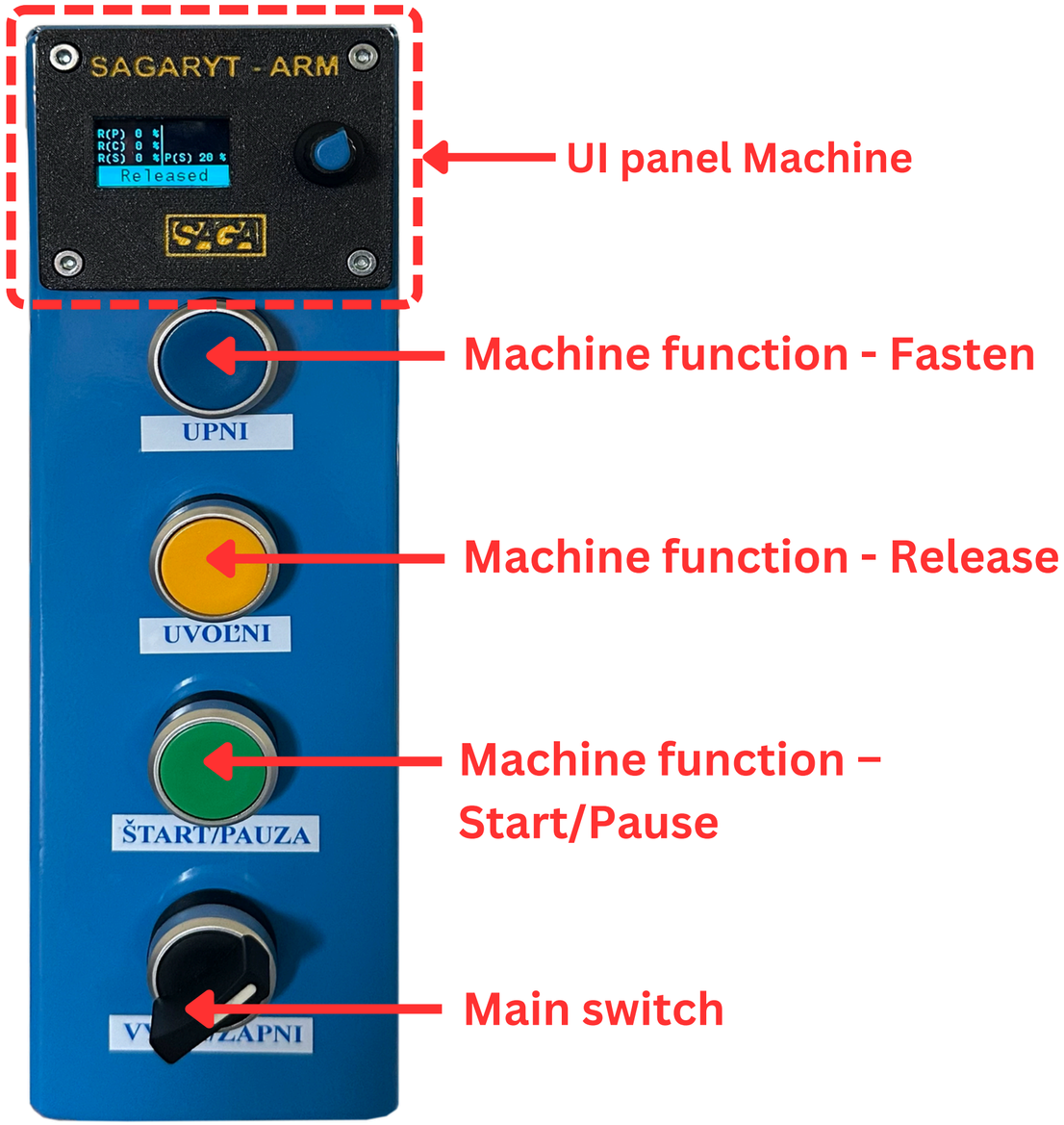
Machine is equipped with a main control panel for global adjustment of grinding wheel speed and contact pressure against the glass.
Each grinding arm features its own dedicated touch control panel, allowing individual parameter settings to be configured independently for every position.

Legend – Machine



Machine in the photo: SAGARYT SGA 10PS – 150

Legend - Control panel



Machine function - Fasten:

- Starts the vacuum pump
- Starts the compressor
- Will turn on the water

Machine function - Release:

- Turns off the vacuum pump
- Turns off the compressor
- Turns off the water

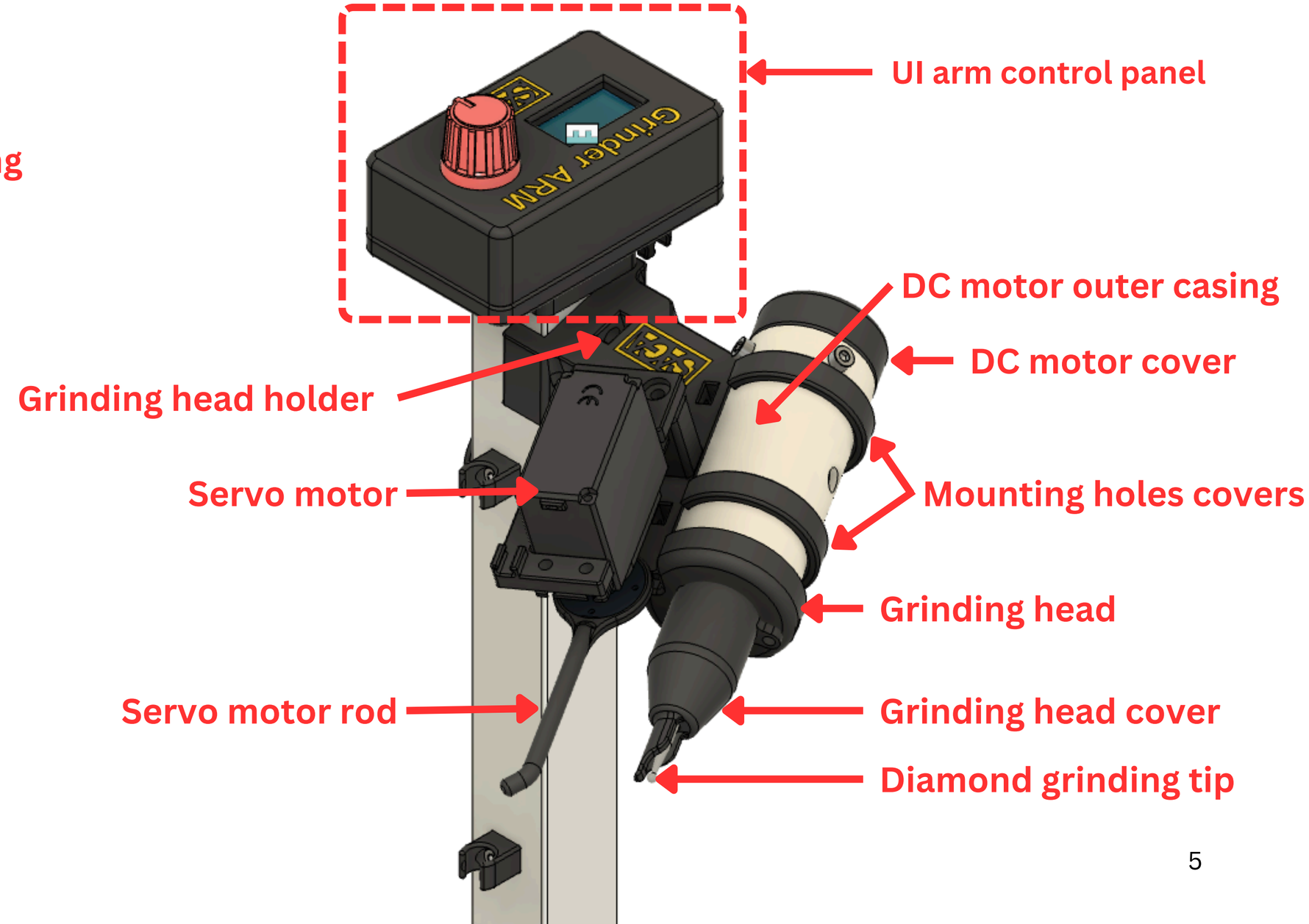
Machine function – Start/Pause:

- Starts the engraving process
- Pauses the engraving process

*** It is only possible to pause the engraving process at the end of the section.**

Legend - Engraving arm





Machine description

Depends on glass you want decorate, you can choose the plate diameter:

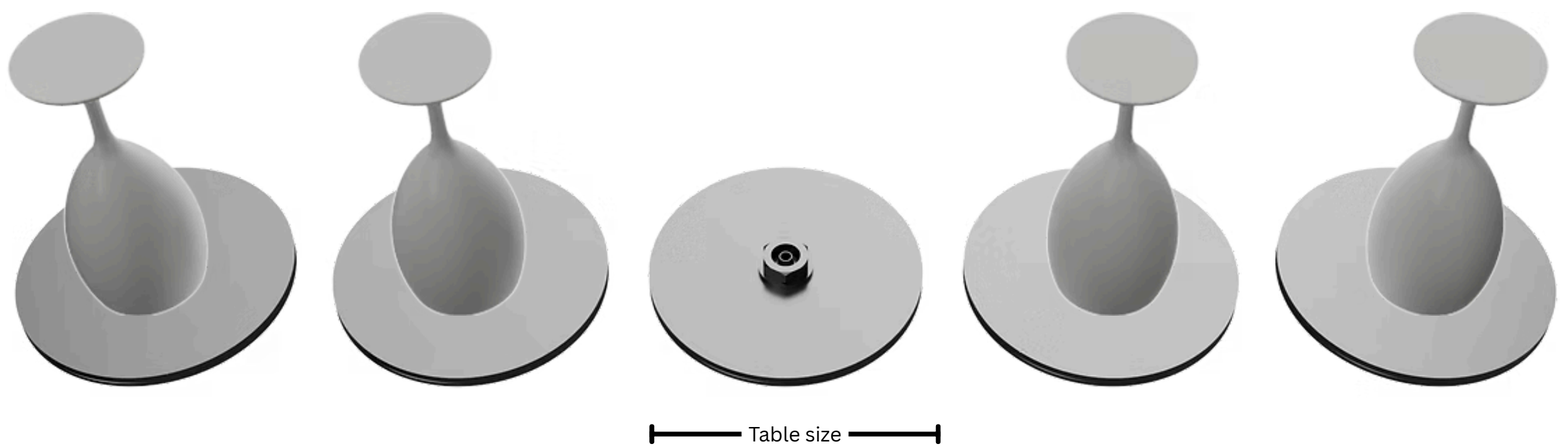
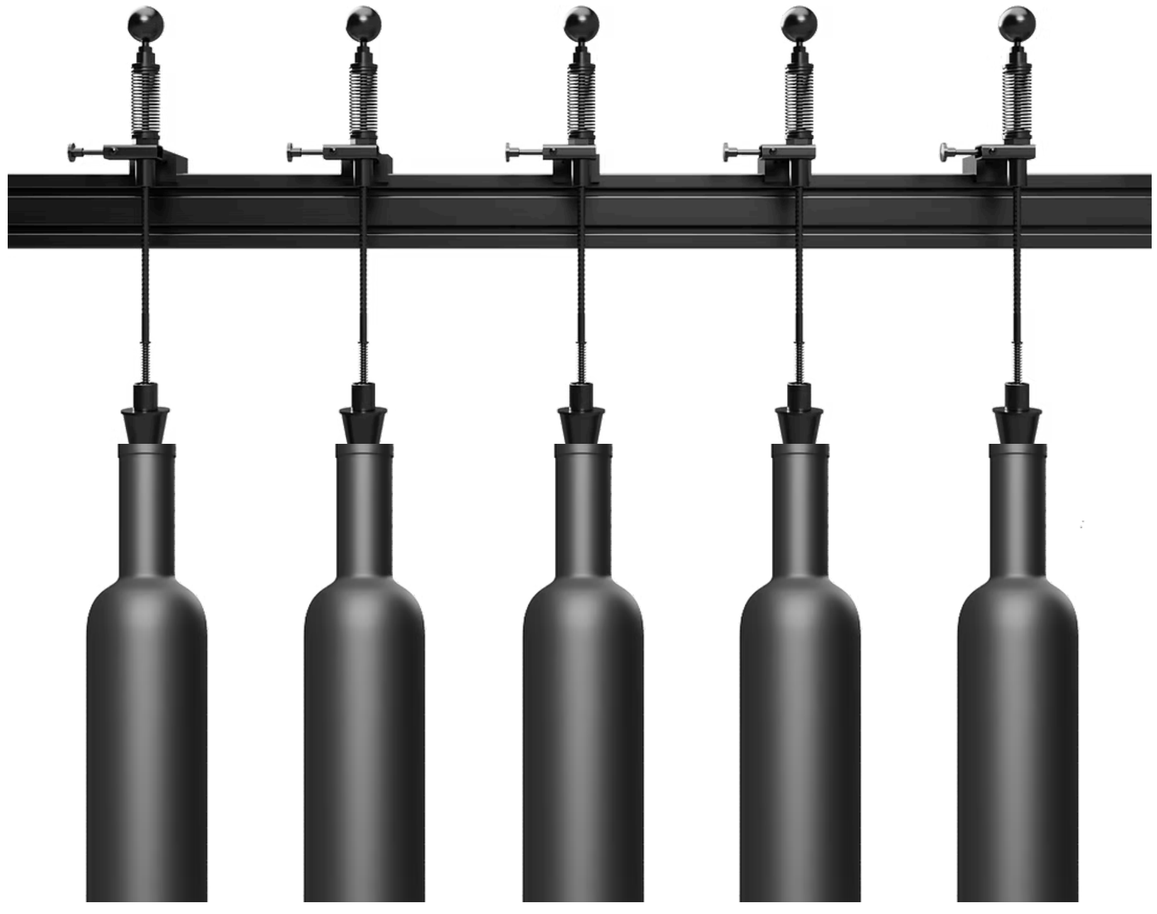


Table size:

1. 150mm
2. 250mm
3. 250mm

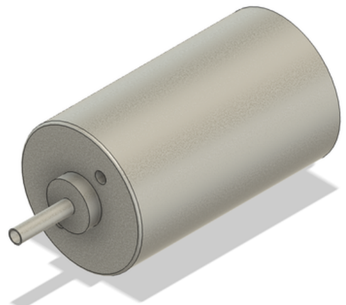
Machine description

For bottle and tall glasses (Champagne)
SAGARYT SGA comes equipped with a bespoke holder for this type of glass.



Accessories - Spare parts

(2pcs) DC motor + PCB



(2pcs) Servo motor rod



(2pcs) Grinding head cover



(5pcs) Diamond grinding tip 2,5mm



(1m) Connecting tube

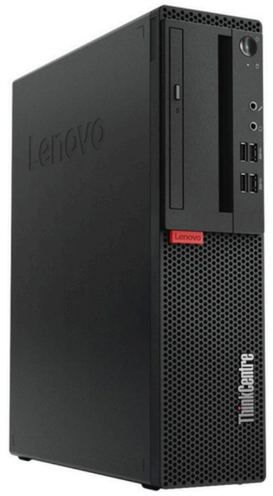


Accessories – Machine accessories

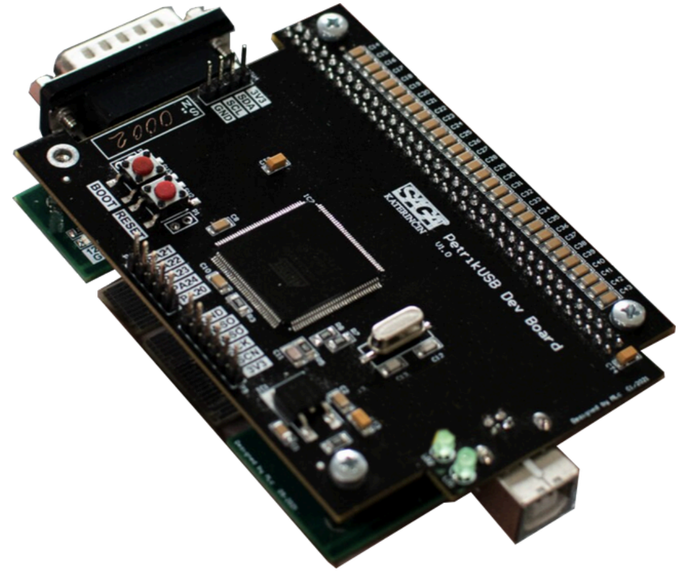
(1pc) Monitor



(1ks) Computer



(1pc) USB Control board



*** pictures are for illustration purposes only, except for the control board**

Machine specs - 1

Machine size	2 position	6 position	10 position	Unit
Width	800	800	800	kg
Lengh	950	2190	2190	mm
Height	1260	1260	1260	mm
Weight	117	218	226	mm

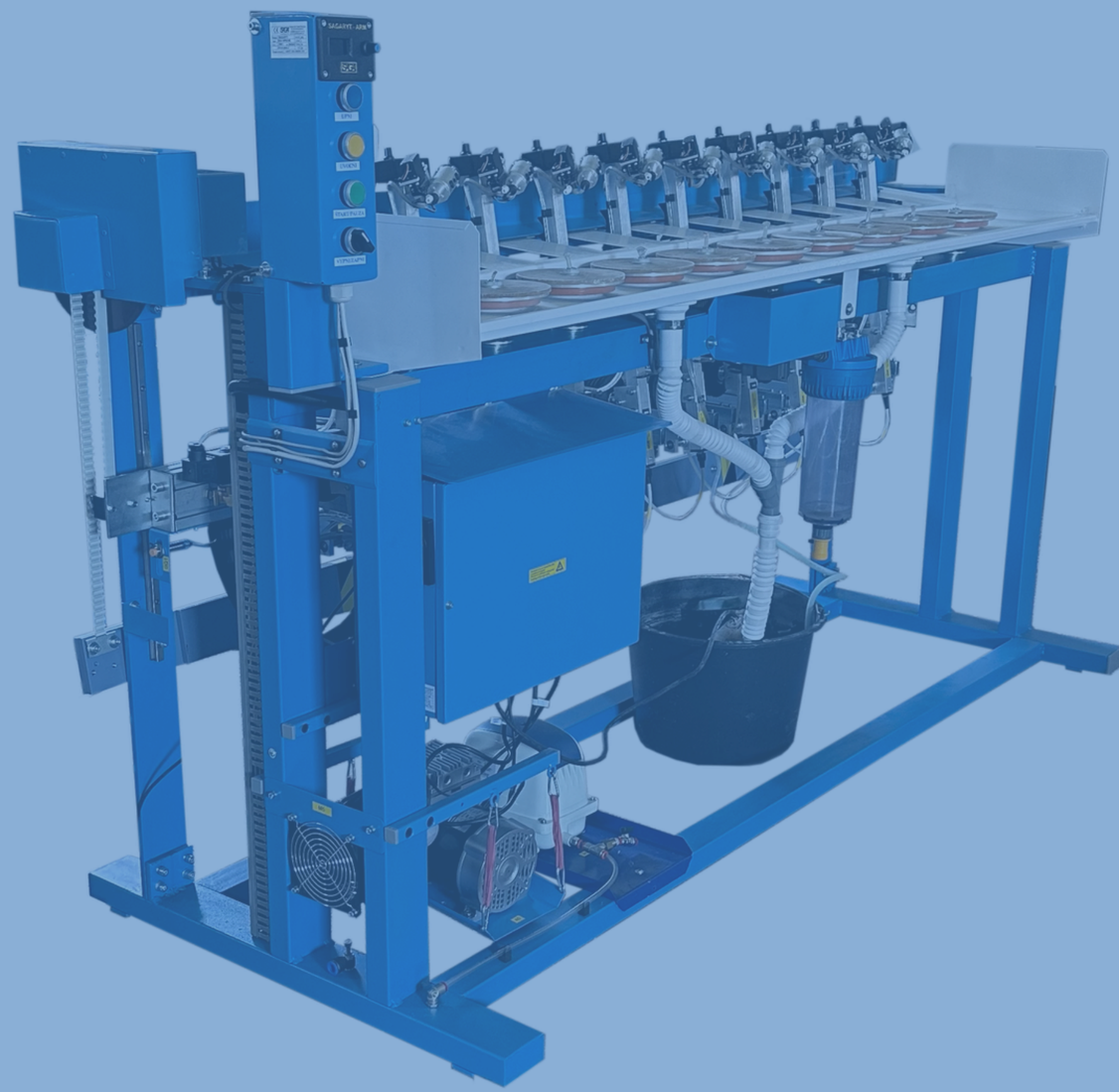
Machine power	2 position	6 position	10 position	Unit
Input frequency	50	50	50	Hz
Input voltage	230	230	230	V
Input power	460	480	480	W

Machine specs - 2

Machine capacity	2 position	6 position	10 position
Pieces/Shift (8hr)	128	384	640

***Production quantity depends on decor complexity (average decor time is 8minutes)**

Machine specs	2 position	6 position	10 position	Unit
Vacuum	-92	-92	-92	kPa
Compressed Air	< 40	< 40	< 40	mBar
XY Motion Feedback Control	Closed Loop	Closed Loop	Closed Loop	



For more informations

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