

SCHIAVO
italian technology



DRILLING MACHINES

LEONARD 120 - STARDRILL PRO - TVS 1500 ECO

Shiavo drilling machines are characterized by a mix of simplicity in use, quality of the components and reliability.

Schiavo builds its machines with long-lasting materials and **superior quality components**, improving every day to make your work easier, faster, better.

DRILLING MACHINES STARDRILL PRO



Manual speed adjustment



Manual lever for upper chuck

Semi-automatic Drilling Machine mod. StarDrill Pro

- Semiautomatic double head drilling machine, equipped with castor-wheels table 1400x2000 mm to support glass.
- Max drilling distance: 1000 mm.
- N° 2 motors for drilling, top motor with manual lever operation and bottom motor with pneumatic movement.
- Speed motor adjustable on 5 different speeds by changing the belt position.
- N° 2 independent water pumps.
- N° 2 water tanks made of stainless steel.
- N° 1 table for glass support 2000x1400 mm with pneumatic lifting castor wheels.

Options:

- Speed adjustment by inverter.
- Manual positioning and measuring system by wheel handle.
- Extra wheels table.



Manual positioning and measuring system (optional)



Clamp and motors commands

Vertical manual double head glass drilling machine TVS-1500 Eco

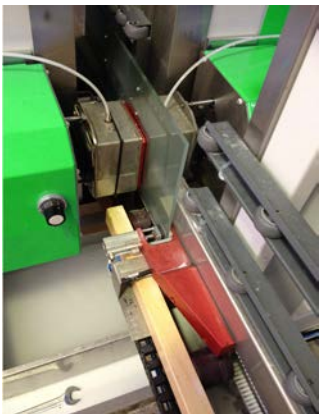
Simple and compact vertical drilling machine for glass sheets. Pneumatic glass stop.
Motorized glass regulation for the Y axis glass positioning, with measuring line or optional digital display.
Manual regulation for the X-axis positioning stops with measuring line.
Glass is positioned manually by the operator. Drilling heads are pushed manually by the operator.
Adjustable drilling depth stop. Spindles speed controlled by inverter.
Stainless steel water tank with pump for water recycling.

DRILLING MACHINES

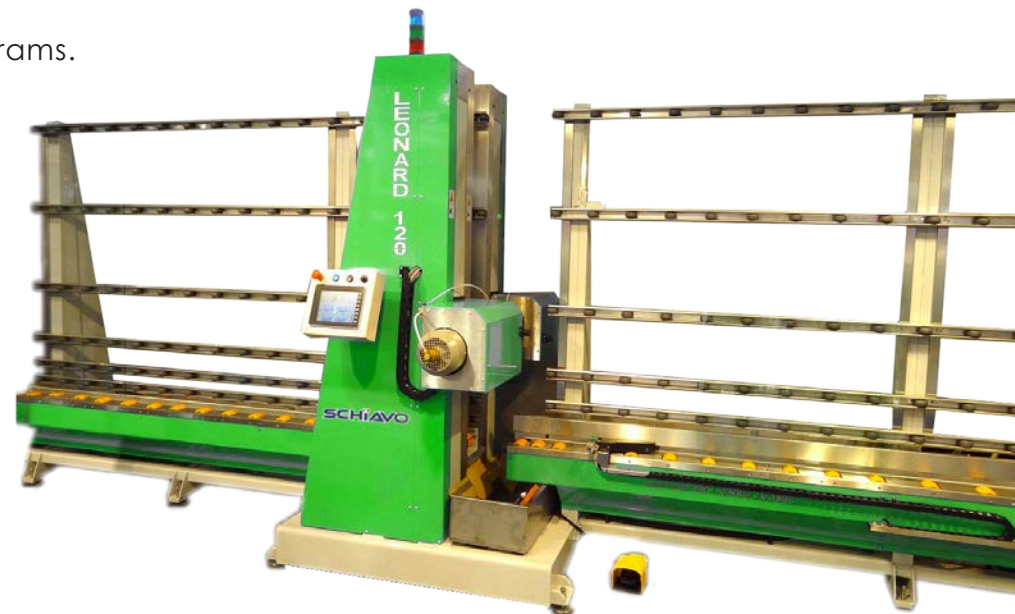
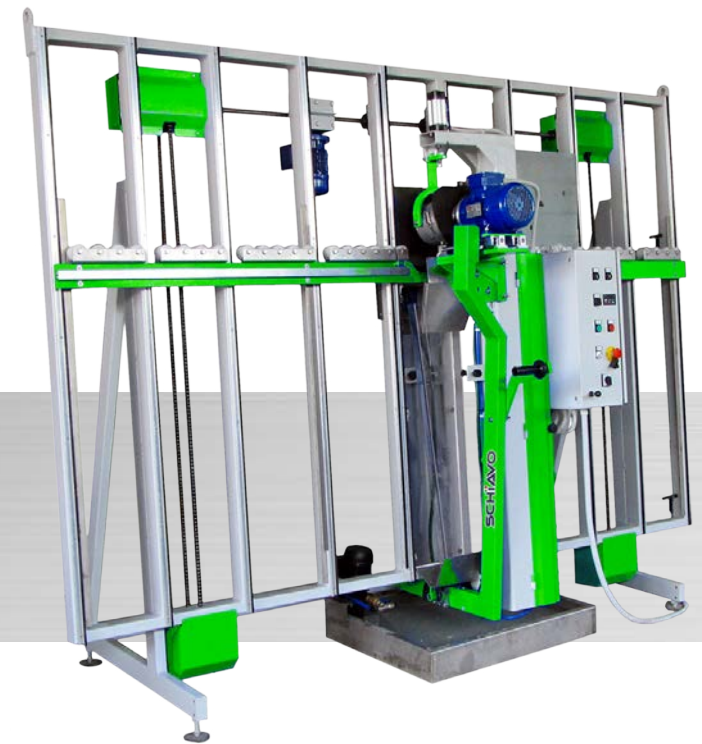
TVS-1500 ECO / LEONARD 120

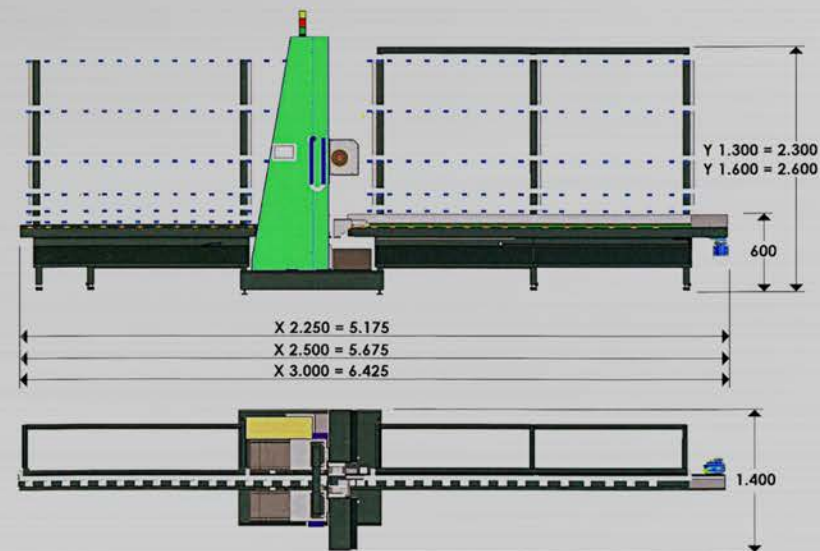
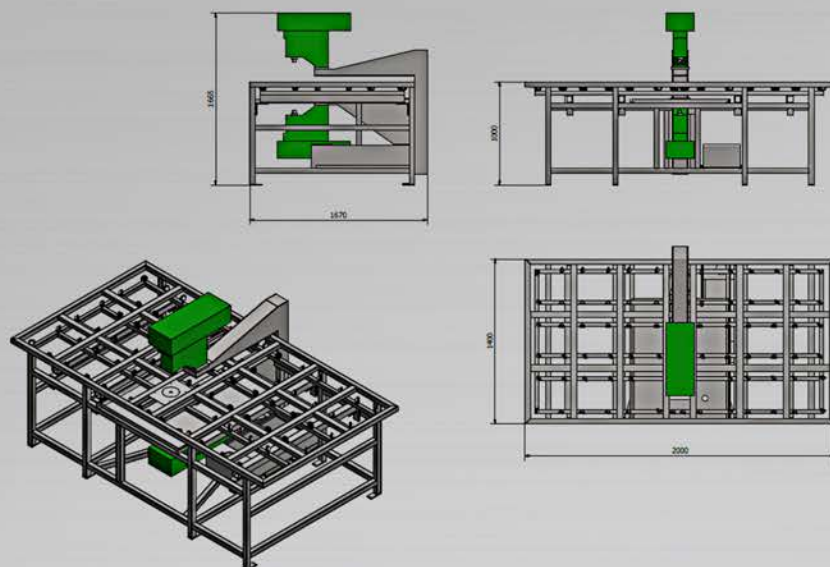
Automatic Vertical Driller mod. Leonard 120

Fully automatic vertical drilling machine with N° 2 with opposing bits.
Open top machine with sturdy iron structure.
Electro-spindles on high precision linear guides.
Spindle speed controlled by inverter. CNC to control all the machine movements.
Pneumatic clamp for the X positioning of the glass.
Spindle Y positioning set in motion by gear motor and belts.
Manual tool change. Tank for water recycle. PLC with memory for 40 programs.



Pneumatic clamp to hold the glass





Model	StarDrill Pro	TVS 1500 Eco	Leonard120
Position:	Horizontal	Vertical	Vertical
Max. glass dimensions (LxH):	-	2500x1200 mm	4500x2500 mm
Min. glass dimensions (LxH):	200x200 mm	250x100 mm	450x150 mm
Max. hole position / distance from edge:	1000 mm	1200 mm	3000x1600 mm
Max. glass weight:	200 Kg	100 Kg	500 Kg
Min. hole diameter:	2 mm	2 mm	2 mm
Max. hole diameter:	140 mm	100 mm	80 mm
Glass thickness:	3 - 19 mm	3 - 30 mm	3 - 30 mm
Inlet Conveyor:	-	-	2000 mm
Outlet conveyor:	-	-	1600 mm
Spindle power:	2,5 kW	1,5 kW	2,2 kW
Spindle speed:	1350-1900 rpm	0-3600 rpm	0-4200 rpm
Drilling tool length:	75 mm	75 mm / 95 mm	75 mm
Power:	2,5 kW	3,7 kW	8,5 kW
Voltage:	400 V - 50 Hz	400 V - 50 Hz	400 V - 50 Hz
Weight:	500 Kg	600 Kg	1800 Kg
Overall dimensions (LxWxH):	2000x1600x2000mm	3000x1400x2500 mm	4300x1500x2400 mm