

SCHIAVO
italian technology

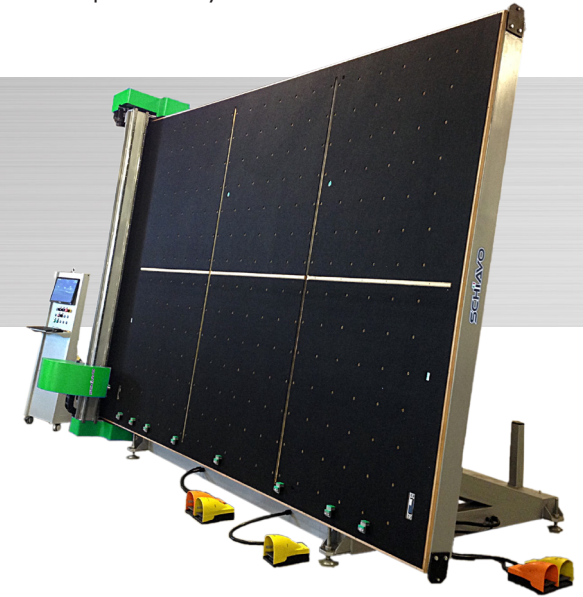


AUTOMATIC CUTTING TABLES
PUMA SERIES

The **PUMA cutting tables** differs from traditional glass cutting tables for the high standard of quality and technological level. The choice of mechanical, electrical and electronic products of high quality and primary manufacturing companies, provide a dynamic axes response, ensuring high performance and high precision. Schiavo builds its machines with long-lasting materials and superior quality components, improving every day to make your work easier, faster, better. The features of the PUMA series cutting tables makes them a unique combination of quality and competitiveness.

AUTOMATIC CUTTING TABLES

PUMA SERIES



Mechanics and Electronics

- High precision linear guide for cutting bridge movement and helical toothed rack.
- Double High precision linear guide for cutting head movement.
- Helical toothed rack and high precision gear motor.
- Brushless Motors Yaskawa Electric.
- Top-quality electric components (Siemens, Schneider Electric).
- CNC by Italian company.
- Reliable and stable from -5 to 40°C.
- Mechanical components from Italy and Germany.



Structure and working plan

- Sturdy electro-welded steel frame.
- Flatness carefully checked and tested with optical measuring instruments.
- Working plan covered with wooden panels and 5 mm black felt.
- Strong air flow, high number of holes on the plain, energy-efficient blower, which means an easy and lightweight movement of the glass sheet.
- PUMA-S: Glass loading by hydraulic tilting of the working plan and N° 2 pneumatic cylinders help the operator to turn the glass sheet for laminated glass cutting.
- PUMA-SL: Glass loading by N° 4 tilting arms which go out from the working plan for the glass loading.

Cutting head

Maximum cutting precision. Proportional control of cutting pressure.

Automatic cutting pressure adjustment in function of the thickness of the glass.

Digital display for pressure reading. Axis control with sensor head, to avoid cuts off plate.

Lubrication adjustment.

Laser device for automatic squaring of the glass plate. Laser device for the acquisition of shapes by reading dimes of any material (optional).



AUTOMATIC CUTTING TABLES PUMA SERIES

Assistance

Remote assistance

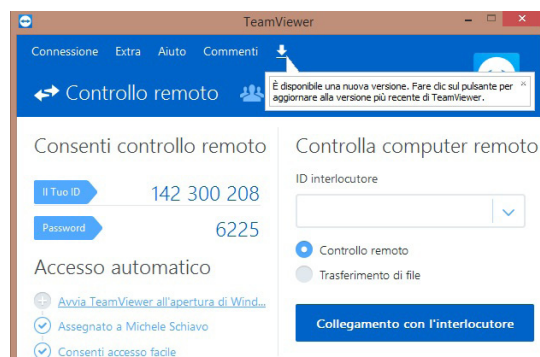
by internet to get
immediate assistance
from our

Service department
directly to your PUMA,

who can check and solve
any software and
electronic issue.

For mechanical assistance

the local technical service will support you



Software

The optimization software **Perfect Cut** includes:

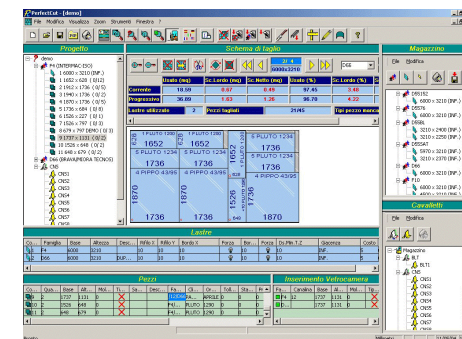
Perfect CAD, for glass shapes.

Perfect DXF, DXF format import.

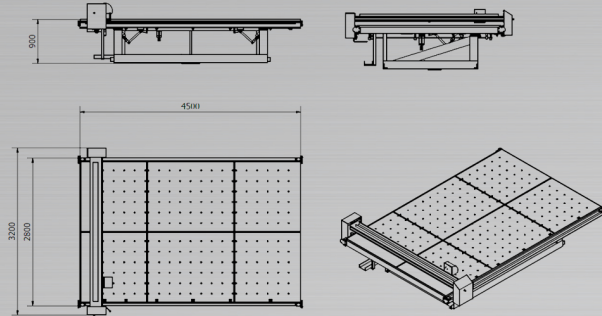
Perfect Spline allows acquiring points from a prototype of the shape by using a laser device, a digital drafting machine or a drawing tablet and connecting points with an optimal curve

Perfect Shape, to create new parametric shapes

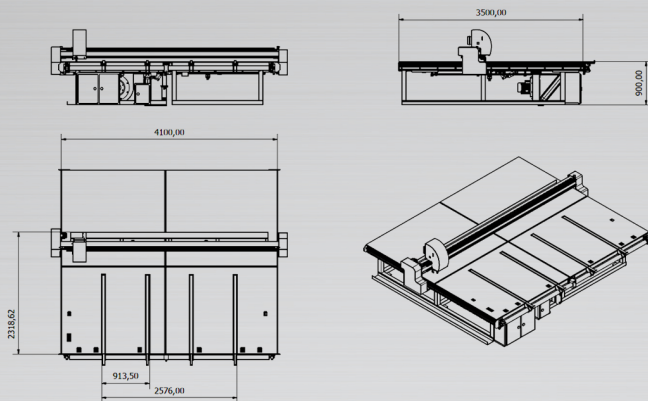
Perfect Label



PUMA S - CUTTING TABLE



PUMA SL - CUTTING TABLE



	PUMA-S	PUMA-SL
Maximum glass dimensions:	3700×2600 mm	3700×2600 mm
Working height:	900±20 mm	900±20 mm
Thickness:	3-19 mm	3-19 mm
Tolerance:	± 0,2 mm	± 0,2 mm
Speed:	130 m/min	130 m/min
Air fan:	N° 1	N° 1
Tilting:	Hydraulic piston	4 pneumatic arms
Breaking Bars:	2+1	2+1
Air compressed:	6-7 bar	6-7 bar
Standard voltage:	400 V – 50 Hz	400 V – 50 Hz
Power:	9 Kw	9 Kw
Weight:	1500 Kg	1500 Kg
Double zero:	optional	optional
PC and workstation:	Included	Included
Optimization software:	Included	Included
Total dimensions:	4500 x 3200 x h900 mm	4100 x 3500 x h900 mm