

SEALING ROBOTS

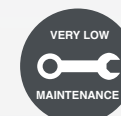
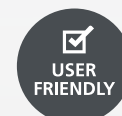
Tenon's Automatic Sealing Robot can operate with Hot Melt, Silicon, and Two-part Material and are compatible with many existing manufacturers IG Lines or suitable for processing off-line. Whether they are integrated with a unit line or stand-alone, they will ensure a considerable reduction of production times and will also benefit the customer by producing a higher precision of sealing while reducing waste material and eliminating time delays.

Intuitive, simple and ergonomic sealing robots designed with the customer in mind. The machine adopts a touch screen interface for easy-to-use functionality and repeatable memory functions. The operator can control the functions of the machine simply and easily during all phases of the process. The simple yet modern design assists the operator to work easily and comfortably. The finished glass is transported on special Vee pads which support the glass edge and not the sealed cavity.

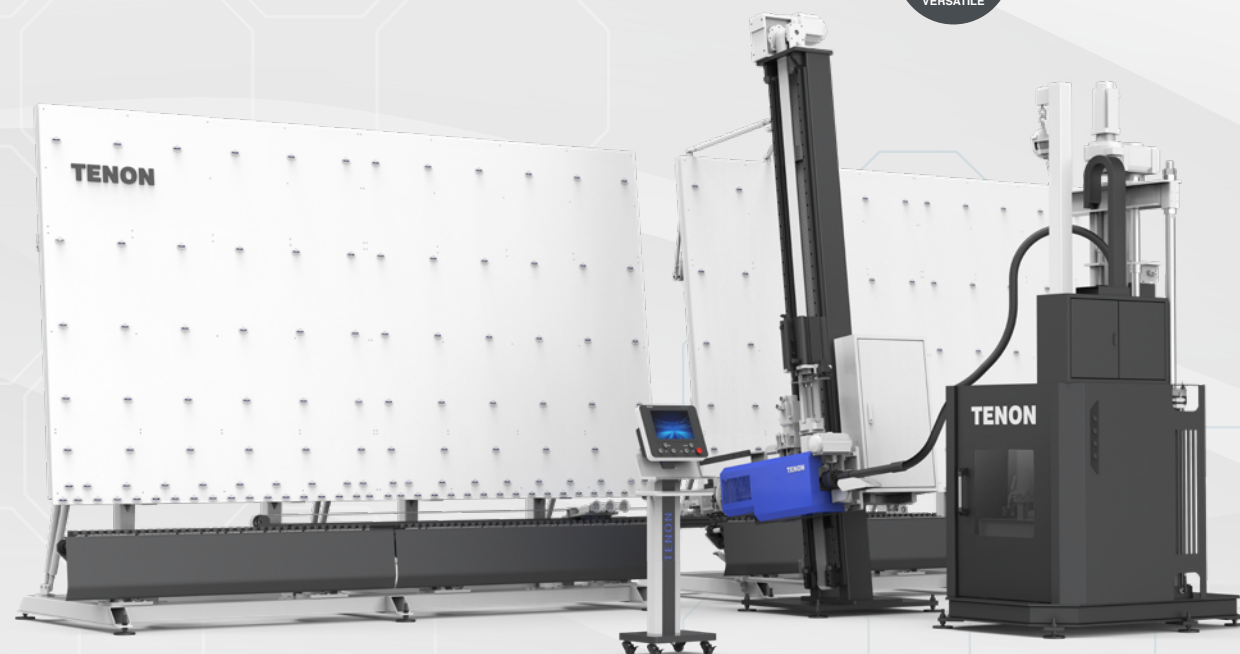
We offer 3 models of the sealing robot;

- SR2000
- SR2500
- SR3000

Our sealing robots are highly efficient and produce a consistent and excellent quality sealing performance.



Accurate and precise, the rotating nozzle head fills the edge of the unit with fast and defined dosages of filler which is electronically controlled. The mixing ratio is predetermined and mechanically locked. Feeding and dispensing of the sealant is automatic according to the width and depth of the fill area. The nozzle is automatically centred which means the sealing space is evenly filled and the electronic depth scanning device continuously calculates the amount of material needed.



TECHNICAL FEATURES

QUALITY

Designed and manufactured by Tenon for individual customer specifications. All parts used are chosen and built with long life and long term stability in mind.

STRUCTURE

Automatic measuring of glass unit dimensions. Automatic or manual frame thickness input. Double position of inlet arm for double or triple glass units. All components guarantee reliability, consistent performance and low maintenance.

