

**Assembly, gas-fill and
press robot
Type ZPG-V**

Quick gas-filling of triple insulating glass units

- ◆ Cycle time advantage thanks to the omission of sequential gas-filling process
- ◆ One single work step to fill both spaces between the glass lites with inert gas
- ◆ One-off pressing of the triple insulating glass unit protects the butyl bead
- ◆ Viable processing of TPS[®] as well as all common, flexible and conventional spacers
- ◆ Simultaneous assembly, gas-filling and pressing of two triple insulating glass units in tandem operation





Filling the triple insulating glass unit with inert gas



Modern speed'assembler control unit

Highly versatile

- ◆ Almost limitless glass construction possibilities
- ◆ Suitable for rectangular formats and nearly all kind of shaped formats
- ◆ Processing different dimensions and spacer widths in any sequence
- ◆ Constant pressing of double and triple insulating glass units
- ◆ Constantly high gas filling degree with only low gas leakage
- ◆ Quick-reaction sensor for permanent observation of the gas filling process
- ◆ Optional: Additional equipment for the manufacturing of 1- up to 3-sided stepped rectangular or shaped formats

Technical data

Working heights	1,60 m / 2,70 m / 3,30 m
Processable dimensions	min. 170 x 350 mm max. 3300 x 5000 mm
in the events of double stage pressing	max. 6000 mm
I.G. thickness	max. 60 mm (optional 100 mm)
Processable glass thicknesses	2 – 15 mm (optional 2 – 45 mm) up to 17,6 mm when dealing with laminated glass
Weight of units	max. 250 kg/m (optional 350 kg/m)
– in the single press	max. 1000 kg/unit
– in the tandem press	max. 1500 kg/unit (optional 2100 kg)