



# TPS® Thermo Plastic Spacer

**glaston**  
seeing it through®

The Original. Proven since 1994.  
Sustainable, efficient and durable.

- Continuous and automatic application of the TPS® - Thermo Plastic Spacer directly onto the glass plate. Here, up to quadruple insulating glass units can be manufactured.
- TPS® can also be used to produce cut outs, shaped formats as well as I.G. units with variable spacer widths.
- The slip-free glass plate guidance enables consistent, dimensionally accurate application in this process.
- The dual-drum pump system enables a completely interruption-free operation. The material drum change takes place during production.
- TPS® is an organic polyisobutylene spacer with integrated desiccant and no metal insert. Optimal thermal insulation can reduce heating costs, among other things.
- Over 30 million gas-tight, diagonal bevel joints confirm this technology, which requires no thermal-mechanical reworking. Among other things, it can be positioned almost invisibly in the corner.
- TPS® is excellently suited for various functional glasses.



## Your benefits



- The suitable spacer is always readily available. This eliminates the need for additional storage of different spacer profiles and connectors.
- Lean production process by reducing upstream processes such as bending, sawing, connecting and butyling of the spacers. This minimizes handling and search times.
- Sustainable and environmentally friendly process: No waste due to off cuts leads to clean production.
- Flexible design of the order sequence as well as versatile implementation of the production program on a single insulating glass line.
- TPS<sup>®</sup> applicator is also available as tandem version.



- Automatic equalization of glass tolerances for TPS<sup>®</sup> I.G. unit production exactly in the required package strength. Even with structural glass, the spacer adapts optimally to the glass surface.
- The production of variable spacer widths or asymmetrically constructed triple and quadruple insulating glass units is possible without interruption. Here, the process simply runs according to data specification.
- The flexible edge seal offers optimum compensation of extreme external loads, among other things, due to the halved interfaces between the glass plate and the spacer, thus ensuring long-lasting functionality.

## Technical data

Working heights	1.60 m / 2.30 m / 2.70 m / 3.30 m
Processable dimensions	min. 190 x 300 mm (optional 170 x 300 mm) max. length 5000 mm (optional 3300 x 7500 mm)
Glass thickness	3 – 15 mm (optional up to 45 mm)
I.G. unit thickness	up to 100 mm
Spacer width	4 – 20 mm
Adjustable frame set-back	flexible
Available TPS <sup>®</sup> nozzles	Standard 6.8 mm (optional 5.8 mm)