



Marval

SINCE 1985



INNOVATIVE **INSULATING GLASS** SOLUTIONS AND TECHNOLOGIES



AUXILIARY
MACHINES

AUTOMATIC DESICCANT FILLER

TOP DRY

Using the "TOP DRY" desiccant filler enables the **spacers to be filled** automatically: the only operation required of the operator is to load and unload the profile.

The versatility of this machine makes it possible to process profiles of completely different materials, from aluminium to steel, including the so-called "warm edge" (Thermix, TX.N Pro, Swisspacer Ultimate, Tgi Spacer M, Tgi Spacer Precision, Thermobar, Multitech, Swisspacer Advance, Chromatech Ultra, Thermix Low Psi).

Simply pressing the machine's start button starts the processing cycle, which entails drilling the holes in the profile, filling them with desiccant and sealing the holes with butyl.

The control panel on board the machine means that the "TOP DRY" is very small.

The use of appropriately sized drums, from which the machine automatically takes the desiccant, guarantees excellent autonomy.



"TOP DRY" DESICCANT FILLER

Size of desiccants used	0.5mm to 1.0mm
Installed power	2Kw
Compressed air	6 bar - 3/4"
Desiccant filling system	injection
Head height adjustment	motorised
Minimum working height	1,650mm
Maximum working height	2,400mm
Workable profiles	aluminium, steel, "Thermix", etc.
Overall dimensions (width x depth x height)	900mm x 1,200mm x 2,400mm

BUTYL EXTRUDER

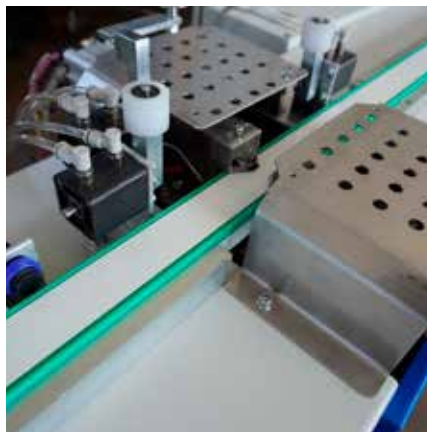
TOP JOINT

The Marval butyl extruder is used to **apply butyl** (first barrier) on the double glazing spacer profile. It seals profiles from 6 to 30 mm, simultaneously on both sides, with a high quality result. The extrusion heads can be opened manually or, on request, completely automatically, and a simple adjustment is all it takes to seal even shaped frames.

The Marval butyl extruder features:

- variable speed up to 32 metres per minute;
- full operation on spacer profiles from 6 to 27/30 mm;
- device for butylating oversized profiles.

An **automatic version** is also available in which each function is managed and controlled by PLC.



"TOP JOINT" BUTYL EXTRUDER

Workable profile measurement	6mm to 32mm
Profile thickness adjustment	automatic
Butyl tank	7.5Kg
Installed power	N.D.
Maximum hydraulic control unit pressure	170 bar
Working speed (adjustable)	5 to 25m/min
Product extrusion control	PLC
Temperature adjustment	PLC
Execution of shaped frames	manual with pedal
Overall dimensions (width x depth x height)	3,000mm x 700mm x 1,200mm



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Industrial initiative by

