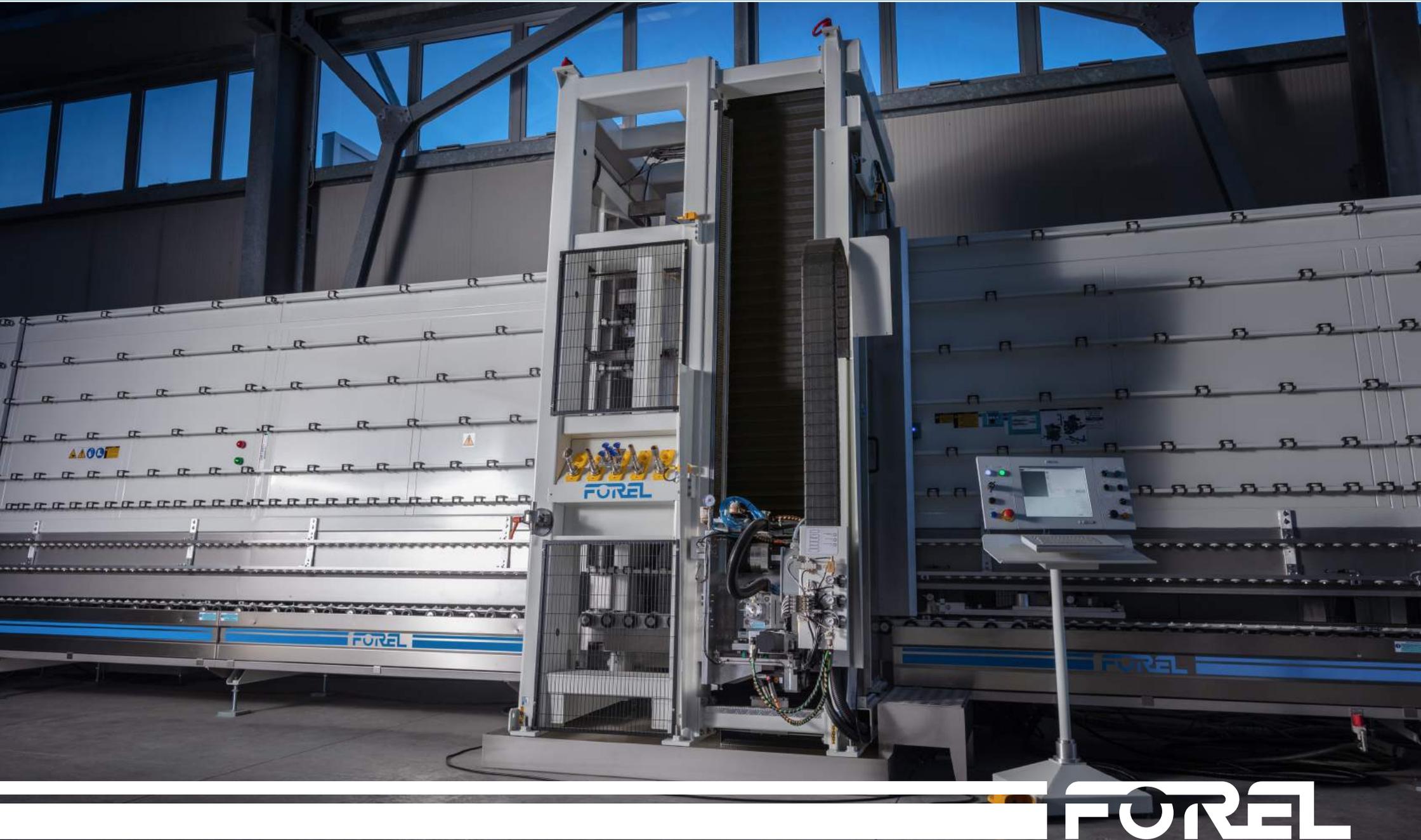




EDGE  
PROCESSING

# ART. DM - VERTICAL DRILLING AND MILLING MACHINE



**FOREL**



## VERTICAL DRILLING AND MILLING MACHINE ART. DM

Enriched with specific features to guarantee precision and stability, the vertical drilling and milling machine Art. DM represents an irreplaceable resource, both for the "stand alone" use and in line with a edging machine Art. EM.

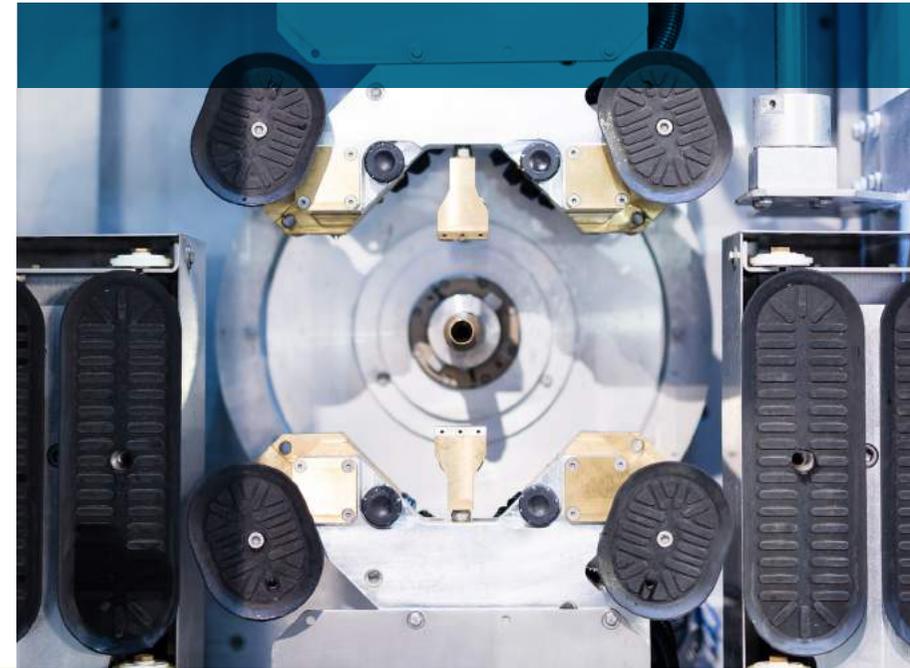
## TOTAL STABILITY: FIXED AND DYNAMIC SUCTION CUPS...



The quality of processing of the glass panes depends mostly on the stability of the glasses while the various tools are being used.

For this reason, the Art. DM drilling and milling machine is equipped with **two exclusive suction cups systems**, both patented (in the photo on the right).

The first group of **fixed suction cups** offers a strong grip on the pane. A second group of smaller **adjustable suction cups** offers greater stability close to the processing tools. These suction cups can be positioned differently depending on the needs.



## ...AND ADDITIONAL SUCTION CUPS



An **additional system of suction cups** can be applied directly on the rear spindle (photo on the left). In addition to ensuring greater stability during drilling and milling, the rear suction cup group holds the cuts and releases them in the bottom tank.

Alternatively, for the execution of particular processing operations, a **buffer** can be set in contrast to the tool. The said pad can be applied **both on the rear spindle and on the front spindle**.



## AUTOMATIC TOOL CHANGE



The **Art. DM** drilling and milling machine is equipped with two opposite operating heads.

The two operating heads are independent and are equipped with an **automatic tool change system**, with 6 + 8 positions.

## DEDICATED SOFTWARE

The Art. DM has been equipped with a specially developed **CAD-CAM software** for the acquisition and modification of the glass panes drawings and the creation of the tools path.

Thanks to this, it is possible to better manage some specific and unique operations of the **Art. DM**, optimizing settings, processing times and the final quality of the result.



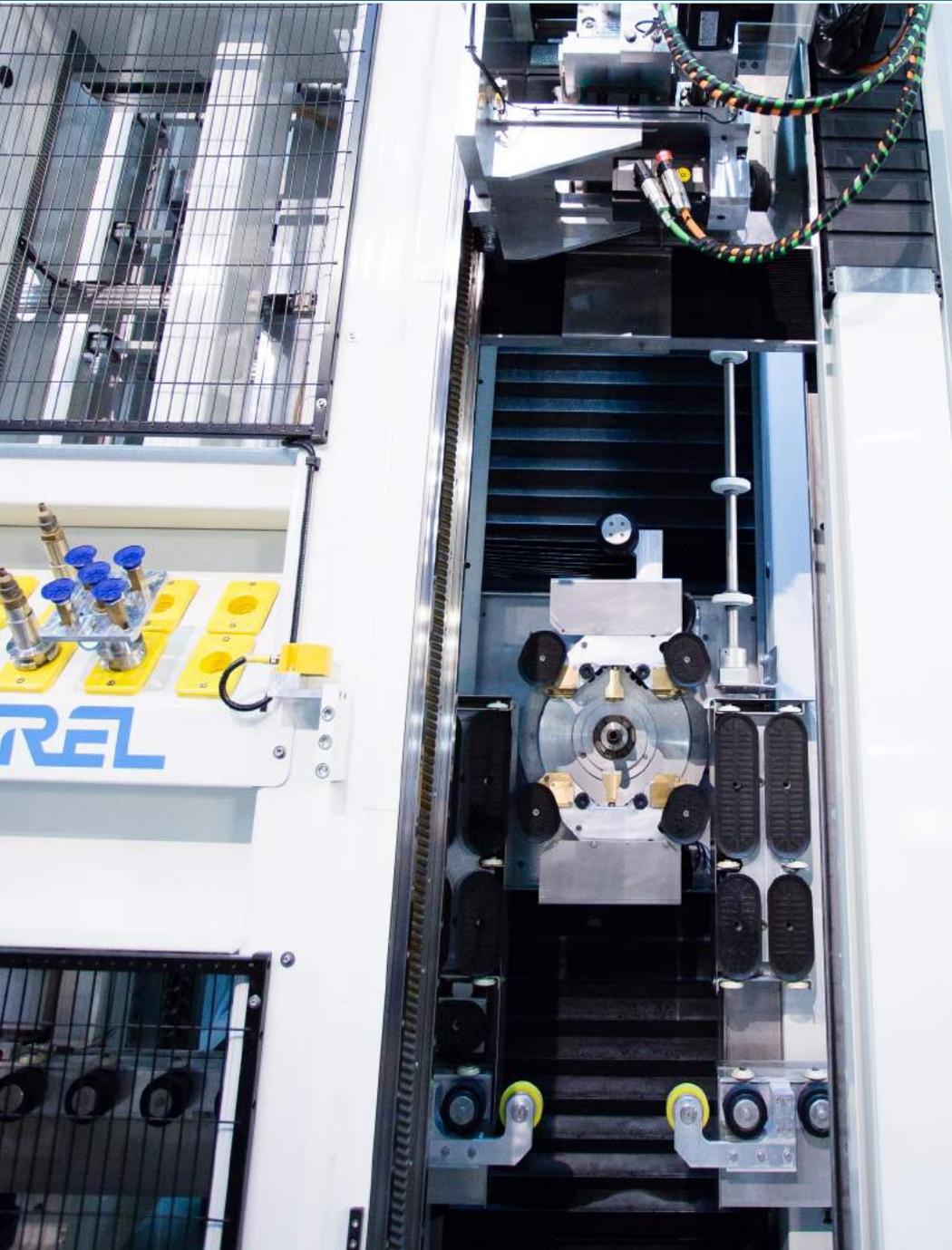
## PERFECT COMBINATION

The **Art. DM** vertical drilling and milling machine can work together with the **Art. EM** vertical edging machine (above).

This configuration, by far one of Forel's most popular solutions, combines the **arrissing, rough or polished edging, drilling and milling** processes in a single line.

The line can be completed with a vertical washing machine **Art. VW**.

# ART. DM - VERTICAL DRILLING AND MILLING MACHINE



Family **EDGE PROCESSING**  
Type **VERTICAL DRILLING AND MILLING MACHINE**

## Technical characteristics

Drilling and milling machine models	DM4020	DM4525	DM5028	DM6033
Height (mm)	3.950	3.950	4.250	4.750
Length (mm)	12.085	12.085	13.185	15.085
Depth (mm)	3.500	3.500	3.500	3.500
MAX pane length (mm)	4.000	4.500	5.000	6.000
MAX pane height (mm)	2.000	2.500	2.800	3.300
MAX pane weight (kg/linear metre)	200			
Automatic tool change	8 tools (front) + 6 tools (rear)			

\*Forel is constantly working on the development of new solutions.  
Some data present in this leaflet may differ from the models available on the market.

FOREL SPA

Via per Monastier 4 - Vallio di Roncade - 31056 - Treviso - ITALY

Tel: +39 0422 840507 - info@forelspa.com

[forelspa.com](http://forelspa.com)

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