



EDGE
PROCESSING

ART. EM - VERTICAL EDGING MACHINE



FOREL

ONE MACHINE FOR THREE PROCESSING OPERATIONS

The vertical edging machine **Art. EM** can perform three different processing operations:

- arissing;
- grinding;
- polishing.

Thanks to the different technological measures adopted, **Art. EM** guarantees total stability and high processing speed during the different processes. It can also work **low-e glass**, without damaging the coating.



VERTICAL EDGING MACHINE ART. EM

The Art. EM edging machine, one of the most appreciated of the Forel range, is a solution for the edge processing of monolithic and laminated glass sheets. It can be used in a line for insulating glass, as an edging line, to feed a tempering oven or even "stand alone".



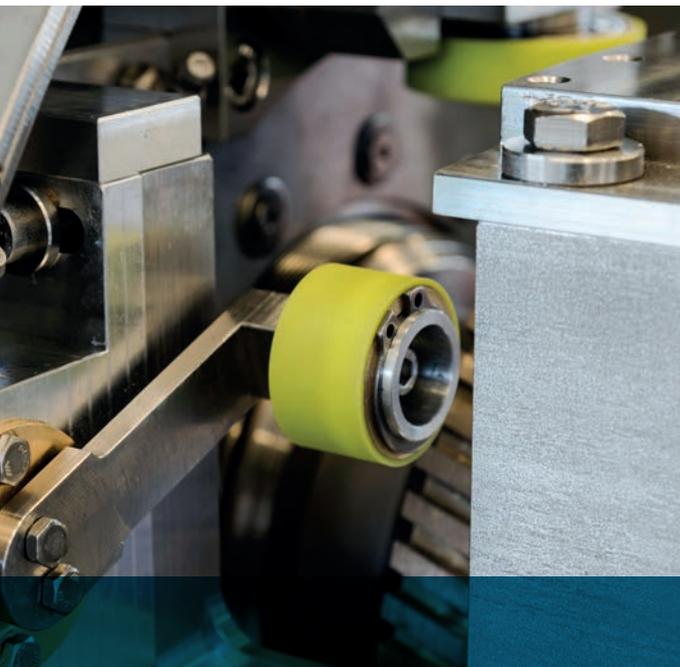
LOCALISED HOLD OF THE PANE



The operating head of the **Art. EM** edging machine is equipped with a **patented system for the localized hold of the sheet**.

The device consists of **two self-adjusting contrast wheels** that rest on the glass sheet and hold it in place. The system guarantees a perfect hold, centring with respect to the tool and the absence of vibrations during processing.

Thanks to this device, **Art. EM** offers precise processing even when the glass sheet is not perfectly flat.



PRE-SETTING SYSTEM

To always ensure a uniform result, the edging machine is equipped with a **system that controls the consumption and the approach of the tool (pre-setting)**.

The actual diameter of the grinding wheel is automatically monitored by a special **feeler** so as to guarantee an optimum contact of the tool on the glass sheet at all times.

ALWAYS UNDER CONTROL



The **EM** vertical edge processing machine is equipped with an exclusive feeler that locally controls the edge of the sheet during processing, "guiding" the grinding wheel.

It can therefore operate in **dynamic self-learning for rectangular glass**, guaranteeing a consistently uniform result in both arissing and edging.



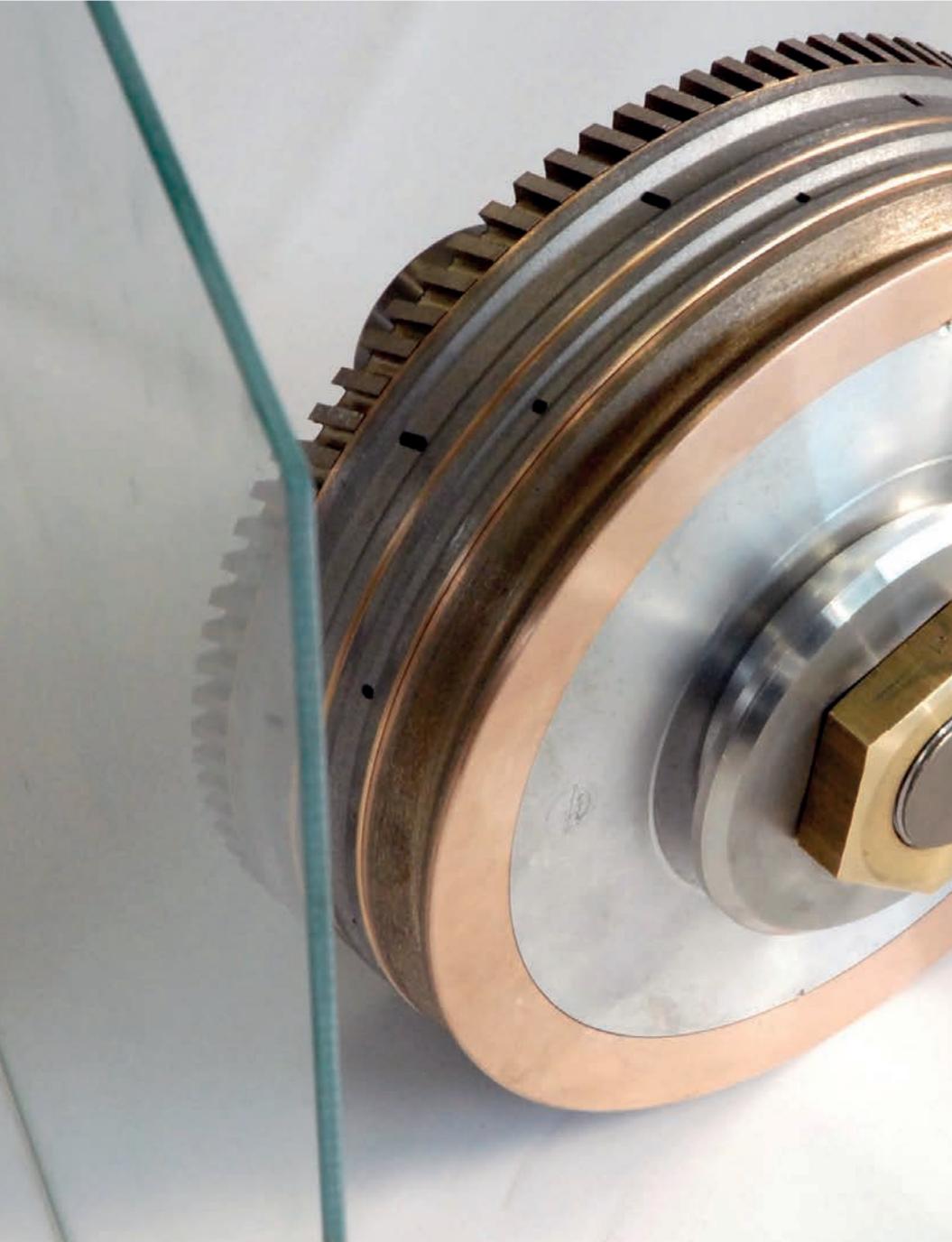
PERFECT COMBINATION

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

In this way a complete line for edge processing is obtained (arissing, grinding, polishing, drilling and milling): by far one of Forel's most appreciated solutions.

It is possible to complete the line with a vertical washing machine **Art. VW**.

ART. EM - VERTICAL EDGING MACHINE



Family **EDGE PROCESSING**
Type **VERTICAL EDGING MACHINE**

Technical characteristics

Models	EM4020	EM4525	EM5028	EM6033
Height (mm)	4.000	4.000	4.300	4.800
Length (mm)	10.800	10.800	10.800	11.900
Depth (mm)	2.600	2.600	2.600	2.600
MAX glass length (mm)	4.000	4.500	5.000	6.000
MAX glass height (mm)	2.000	2.500	2.800	3.300
Maximum transportable weight (kg/m)	200	200	200	200

*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.

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