



Quickmill



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Six axis CNC machining center for automatic milling and rectification of internal slots and grooves. Quickmill 160-30 is suitable for industrial contexts where high productivity, precision and full integration with other machines and company ERP is a must. Customers especially appreciate the straightforward construction and the stationary glass processing, which is much more efficient than moving glass.

Vantaggi



HIGH SPEED
milling, with reduced risk of glass breakage thanks to suction cups positioning



PRECISION
of positioning between the cutter and the path and milling/grinding



PRODUCTIVITY
thanks to the speed of the axes and fast positioning of the glass

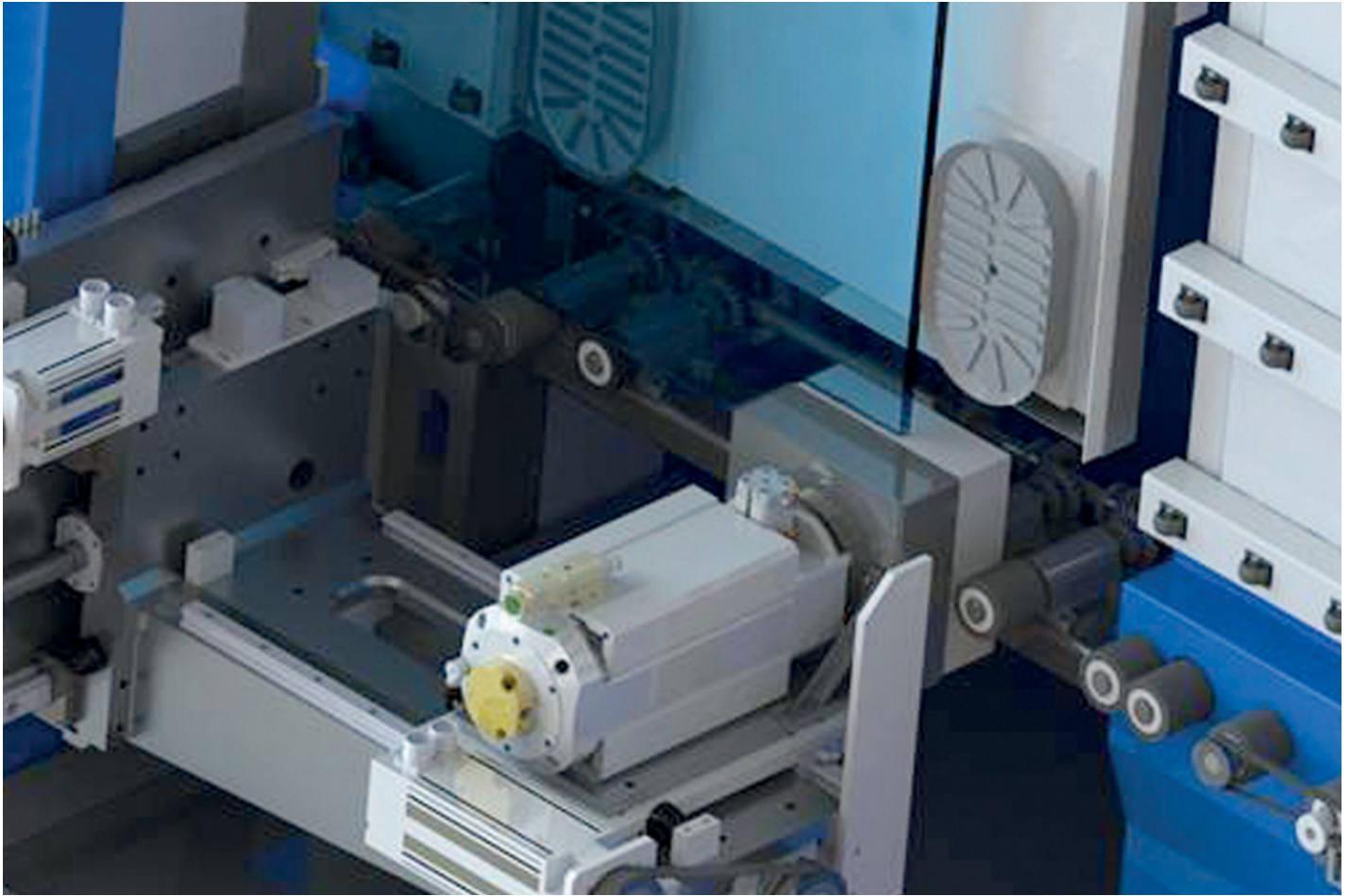


LOW COST
maintenance for simplified mechatronics



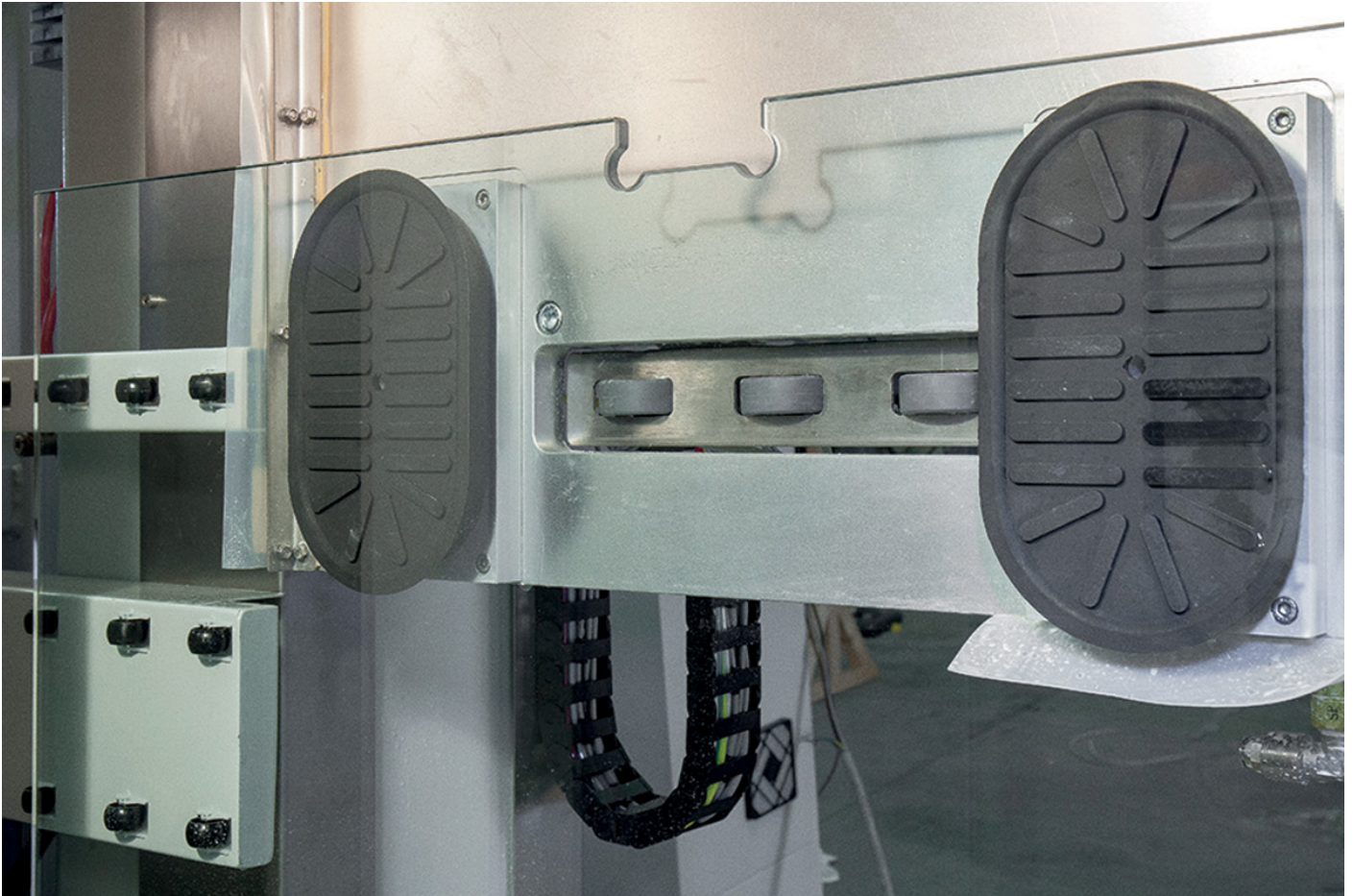
FLEXIBILITY
integration in a Quickline with a Quickdrill and / or a vertical washing machine

Technical features



Processing with non-moving glass

The glass is held rigidly with suction cups while the head is moving on the axes X, Y and Z, ensuring a higher finishing quality and speed, compared to other machines which move the glass.



The section cup

The suction cups are positioned automatically as close as possible to the area which has to be grinded, which reduces the vibrations and the noise to a minimum. The risk of breakage of a stationary glass is, in fact, much smaller than the one of a moving glass.



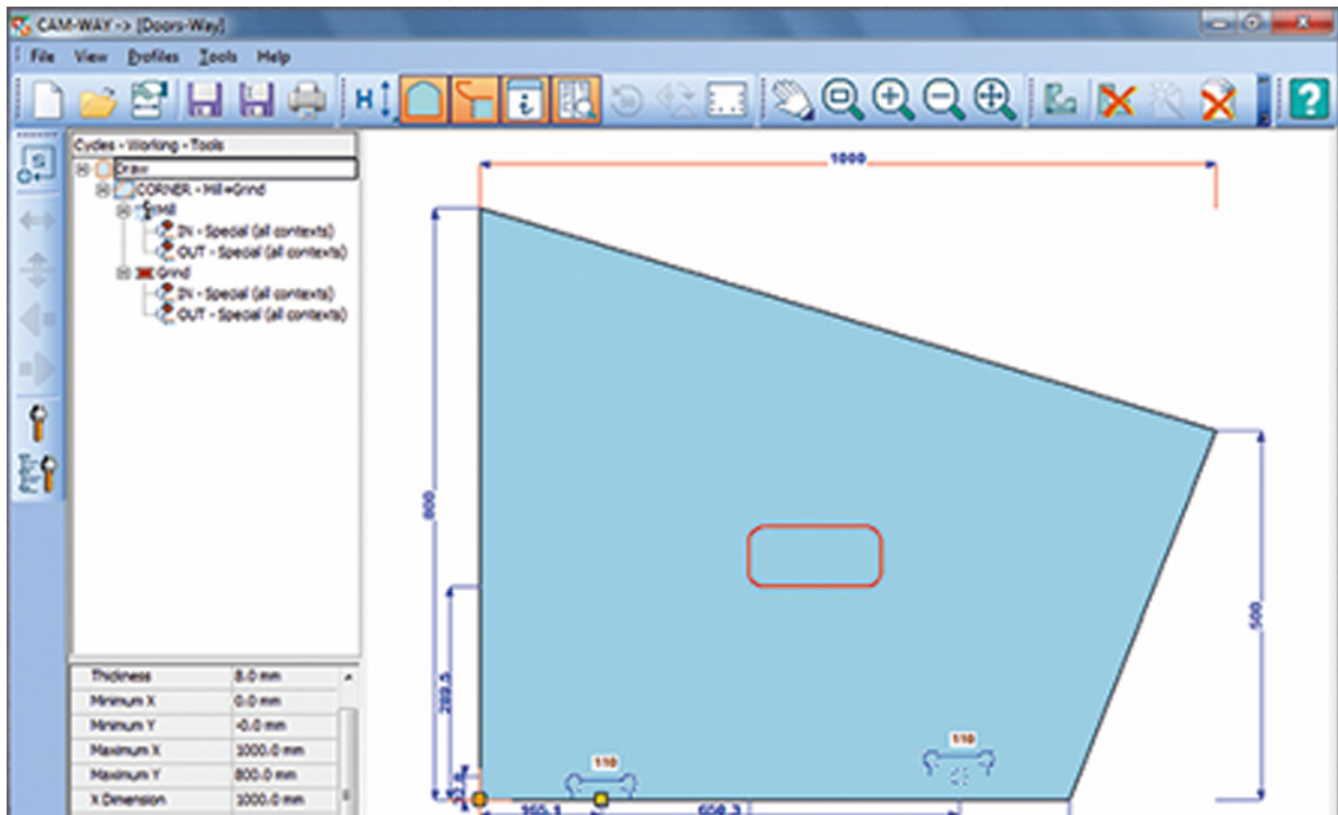
High-speed spindle

High-speed spindle with rotation up to 12000 rpm for machining of up to 70cm per minute. Internal and external cooling and automatic spindle lock for fast and safe tool exchange.



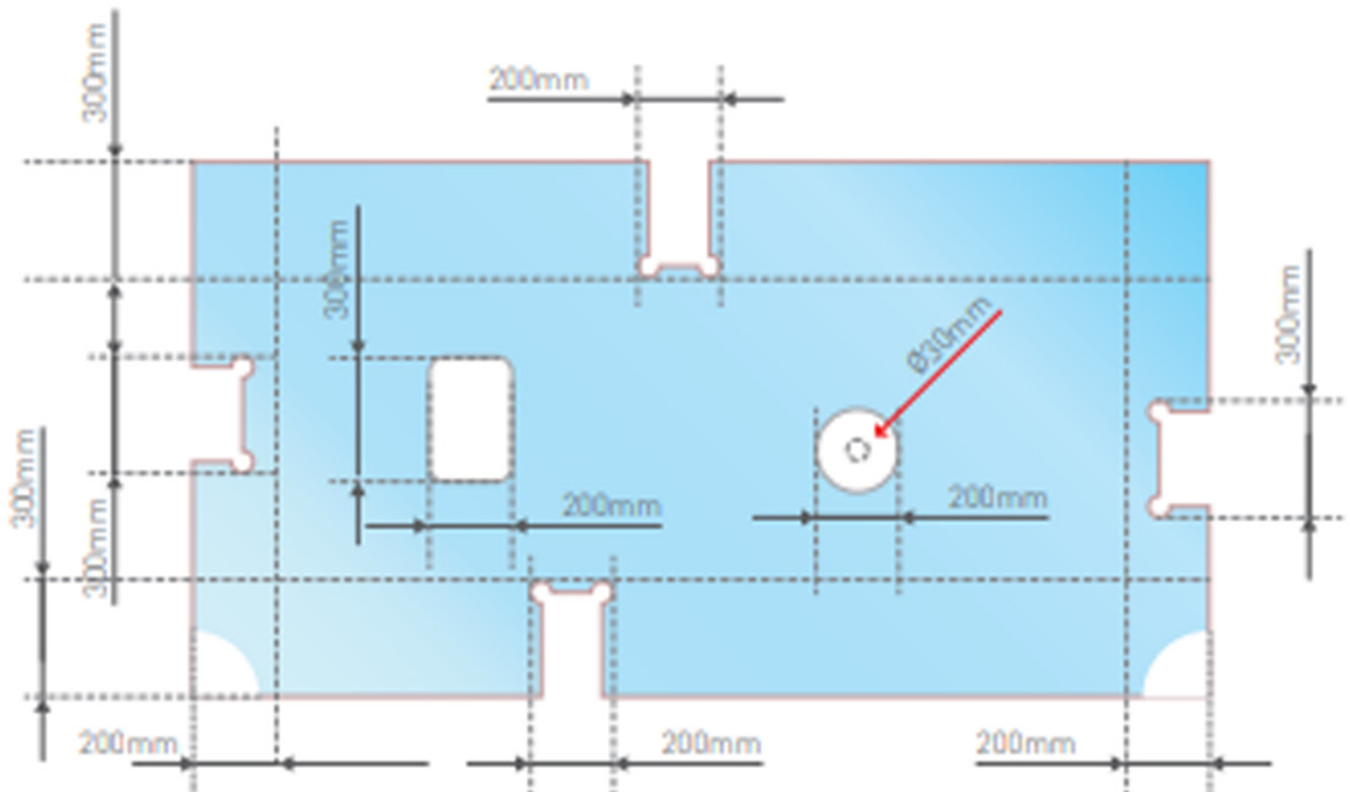
Combination tools

Possibility to use combination tools for complete processing without the need for tool changes. All the tools have a standard 1/2 gas connection.



Parametric programming system

Equipped with a powerful numerical control with full software capabilities for programming directly on board of the machine. The library contains over 1000 parametric geometries of the main manufacturers, which can easily be customized.



Completely automatic processing

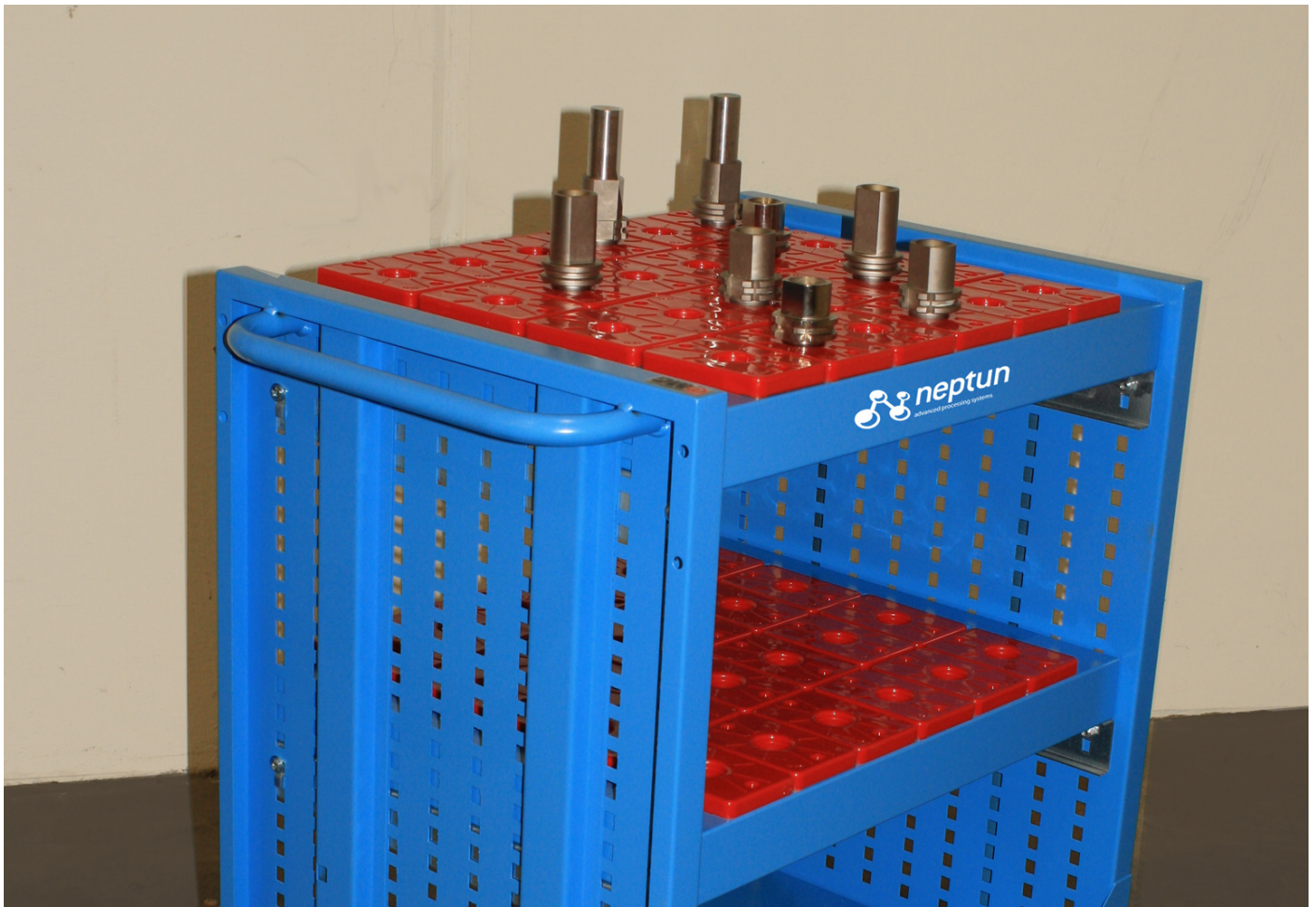
Completely automatic processing on the entire surface of the glass. Open Top structure with useful working height 1600mm and maximum glass height up to 2500mm.

Optional

Data entry with bar code, available in both wireless and wired versions.



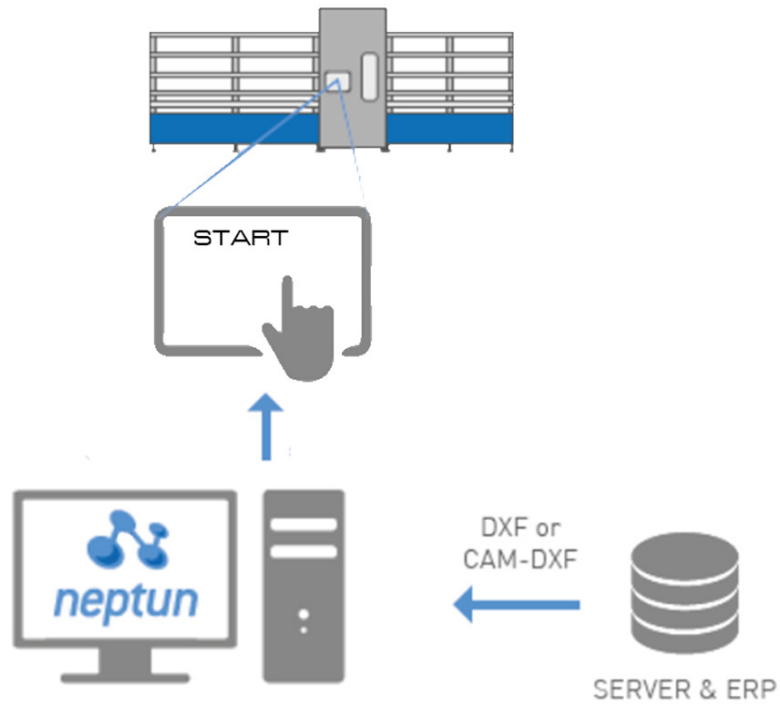
It allows Neptun full access for assistance and updates, not only to the operator panel but also to PLCs, drivers, motors and sensors.

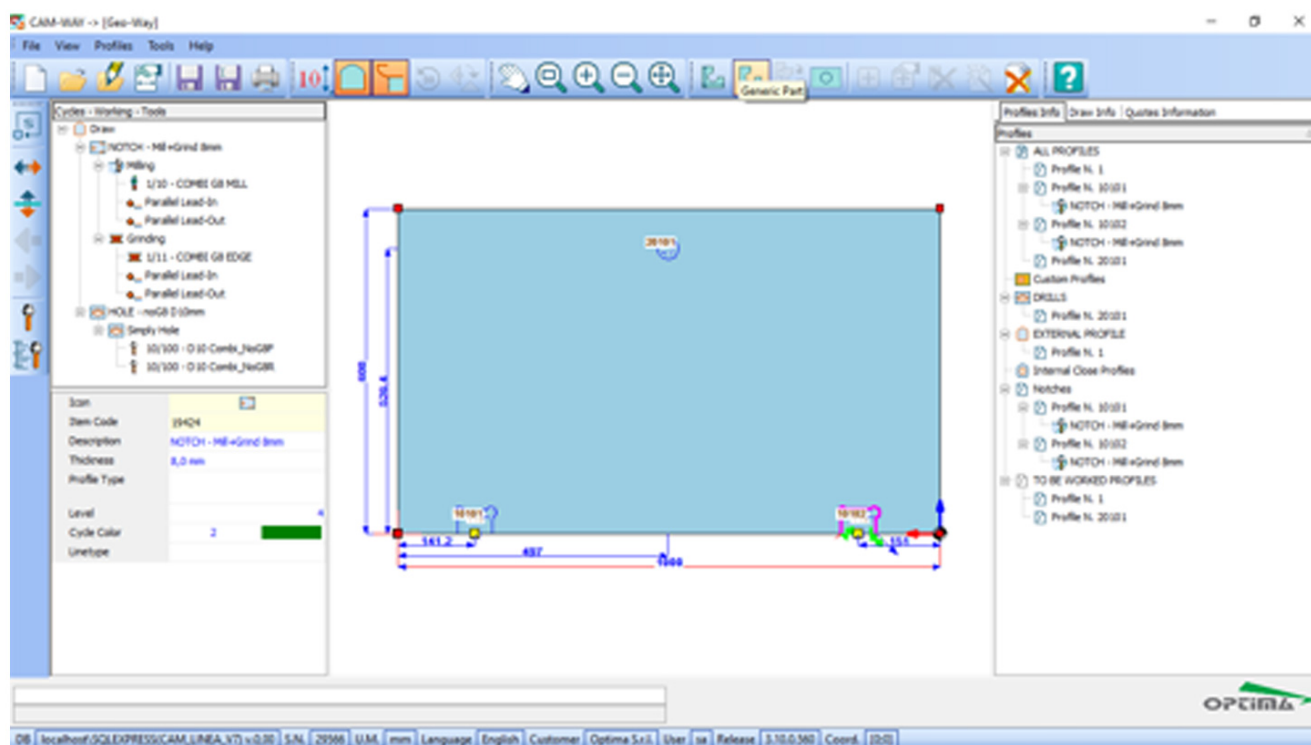


Tool trolley with 20 tanged cones included.



Additional license for remote programming.





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Model	Dim. mm	KW	Min. glass dimension mm	Max. glass dimension mm	Glass thickness mm	Speed m/min	Weight Kg	Diameter mm	Accuracy mm
Quickmill 160-24	6432 x 2800 x 2100	5	800 x 340	1600 x 2400	5 ÷ 12	1 ÷ 25	1860	± 0,3	
Quickmill 160-30	7632 x 2800 x 2100	5	800 x 340	1600 x 3000	5 ÷ 12	1 ÷ 25	2020	± 0,3	