



Quickdrill

A vertical CNC machine for drilling and countersinking holes.

Vantaggi



SIMPLE
to use



HIGH PRODUCTIVITY
thanks to the high
speed of the axes



HIGH PRECISION
drilling thanks to the
magnetic stripe
position
measurement system



**CONSTANCE OVER
TIME**
and accuracy of
positioning of the
drilling head



**POWERFUL
PROGRAMMING**
flexible and intuitive,
which facilitates the
operator



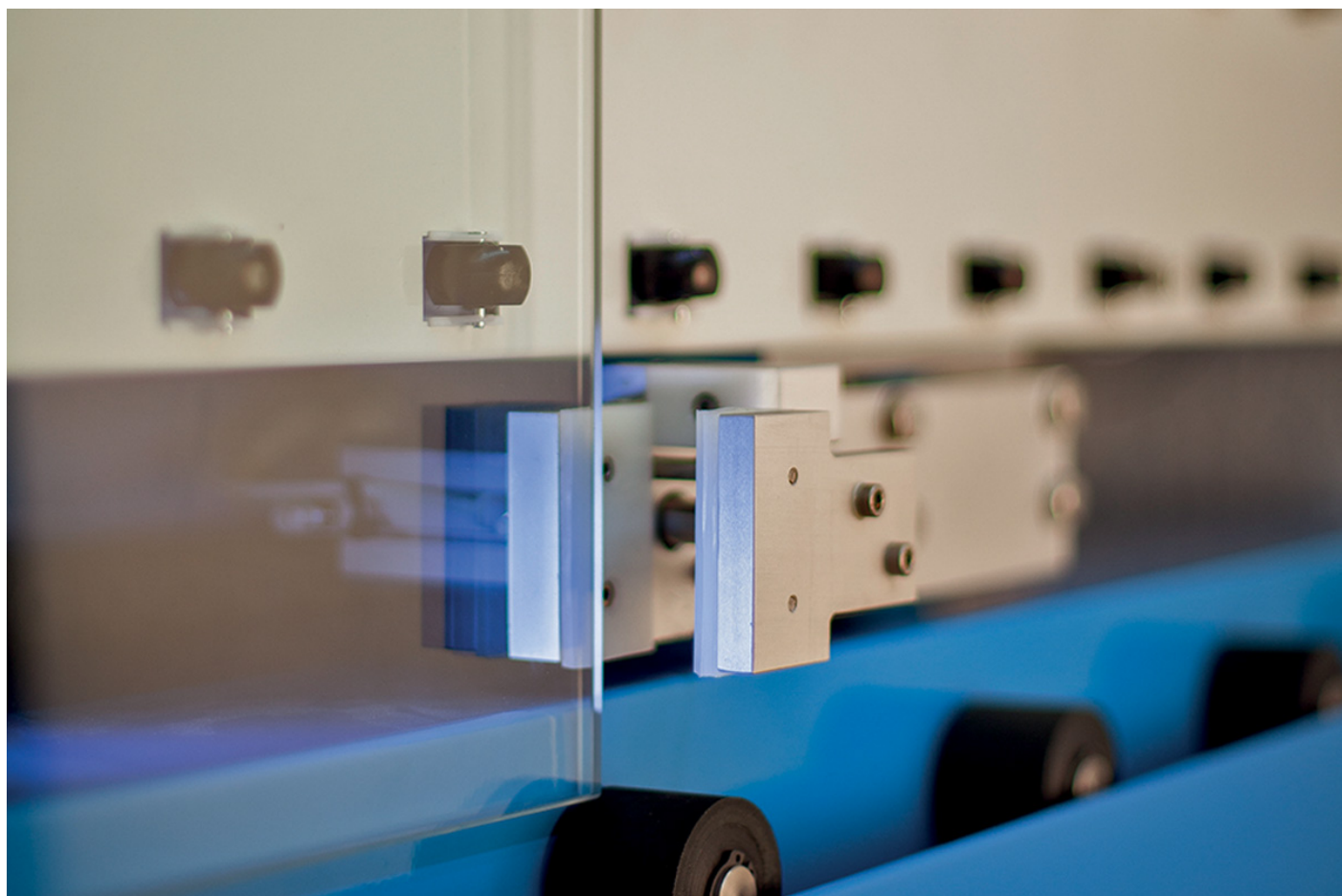
FLEXIBILITY
integration into a
Quickline

Technical features



Hydropneumatic feed system

Spindle with rotation speed up to 6000 rpm. Working pressure management of the tool that adapts the penetration speed according to the effective cutting edge of the tool. For this purpose, Quickdrill uses a hydropneumatic feed system for the Z-axis, which minimises the risk of glass breakage even when drill loses its cutting edge.



High precision

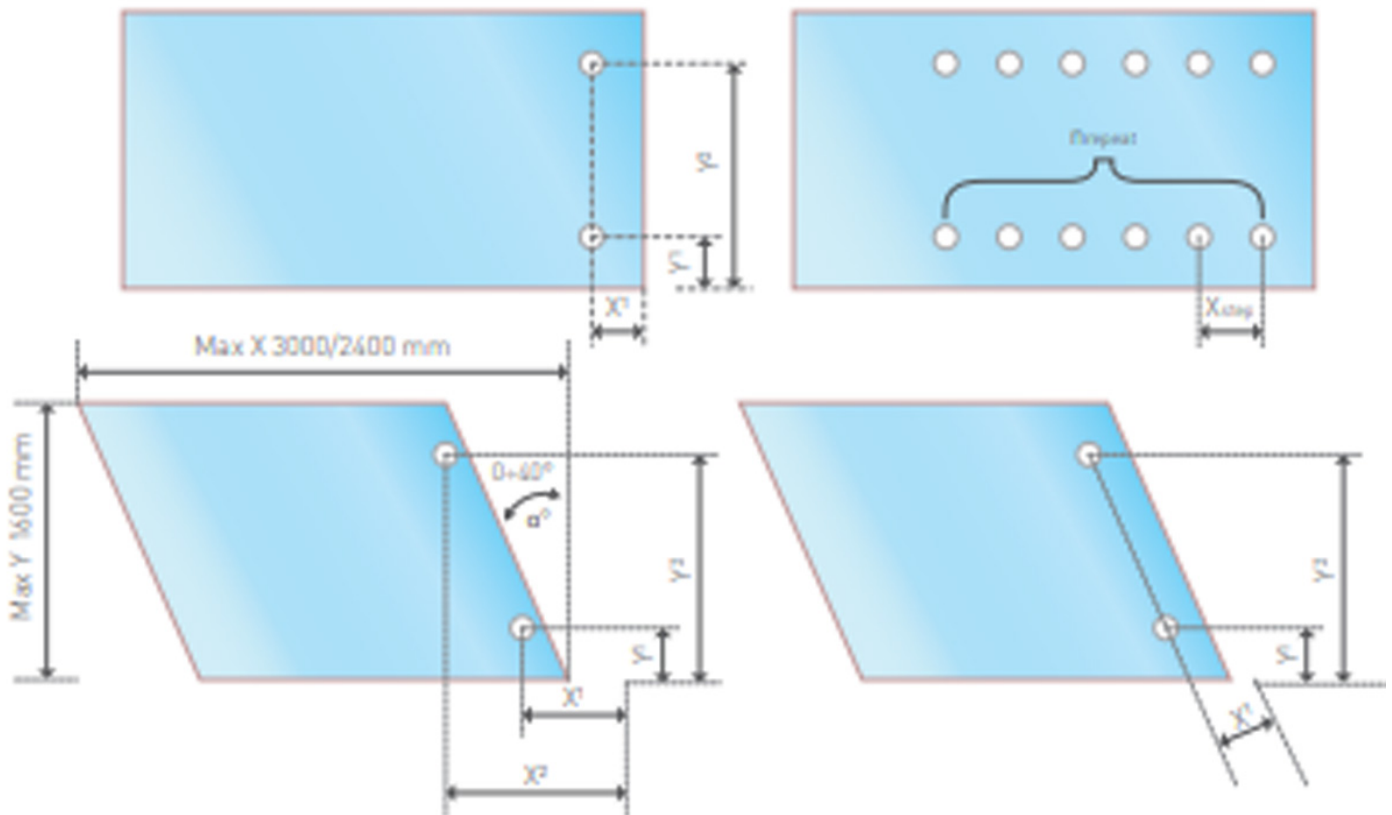
High precision thanks to the measuring system of the real position of the glass through magnetic bars, guaranteeing an accuracy of $\pm 0,15\text{mm}$ over time.



Programming

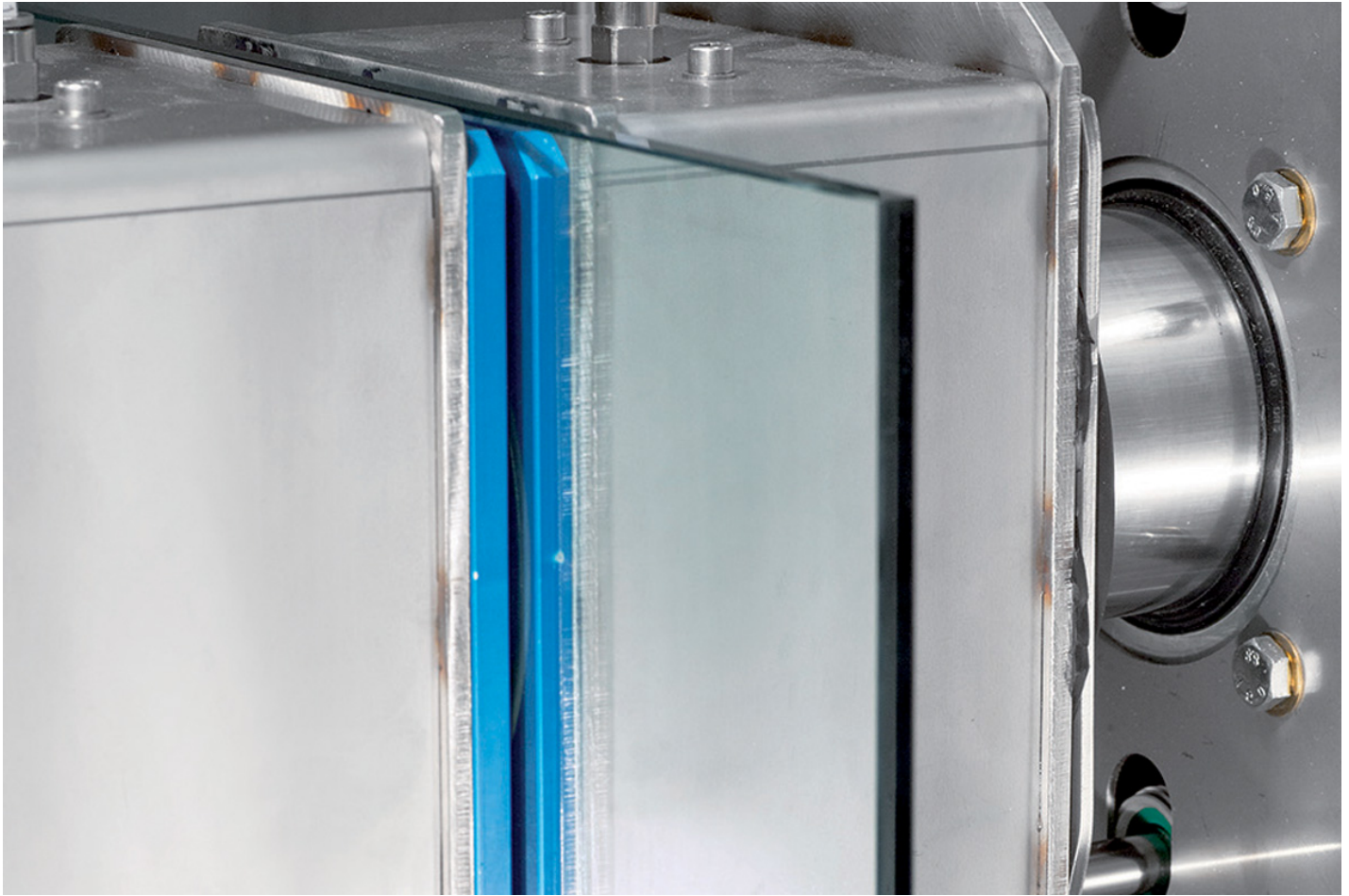
Fast programming through touch-screen, complete with all functions:

- Management memories and programming working cycles
- Automatic management axes X, Y, Z
- Possibility to work in semi-automatic mode
- Automatic management of all parameters of the tools
- Diagnostic alarms



Programs

Powerful function of nested programs, allowing their recall and repeat "n" times after definition of the parameters. The values of out-of-square shapes (up to 40°) can be programmed by choosing between two different reference systems using absolute or relative coordinates.



Perfect protection against water

Perfect protection against water during the processing, avoiding water entrance to the mechanical / electronic components and the surrounding area. All the parts in contact with water are made in anodized aluminum or stainless steel. Optional tank for water recycling.



Automatic management of the countersinking depth

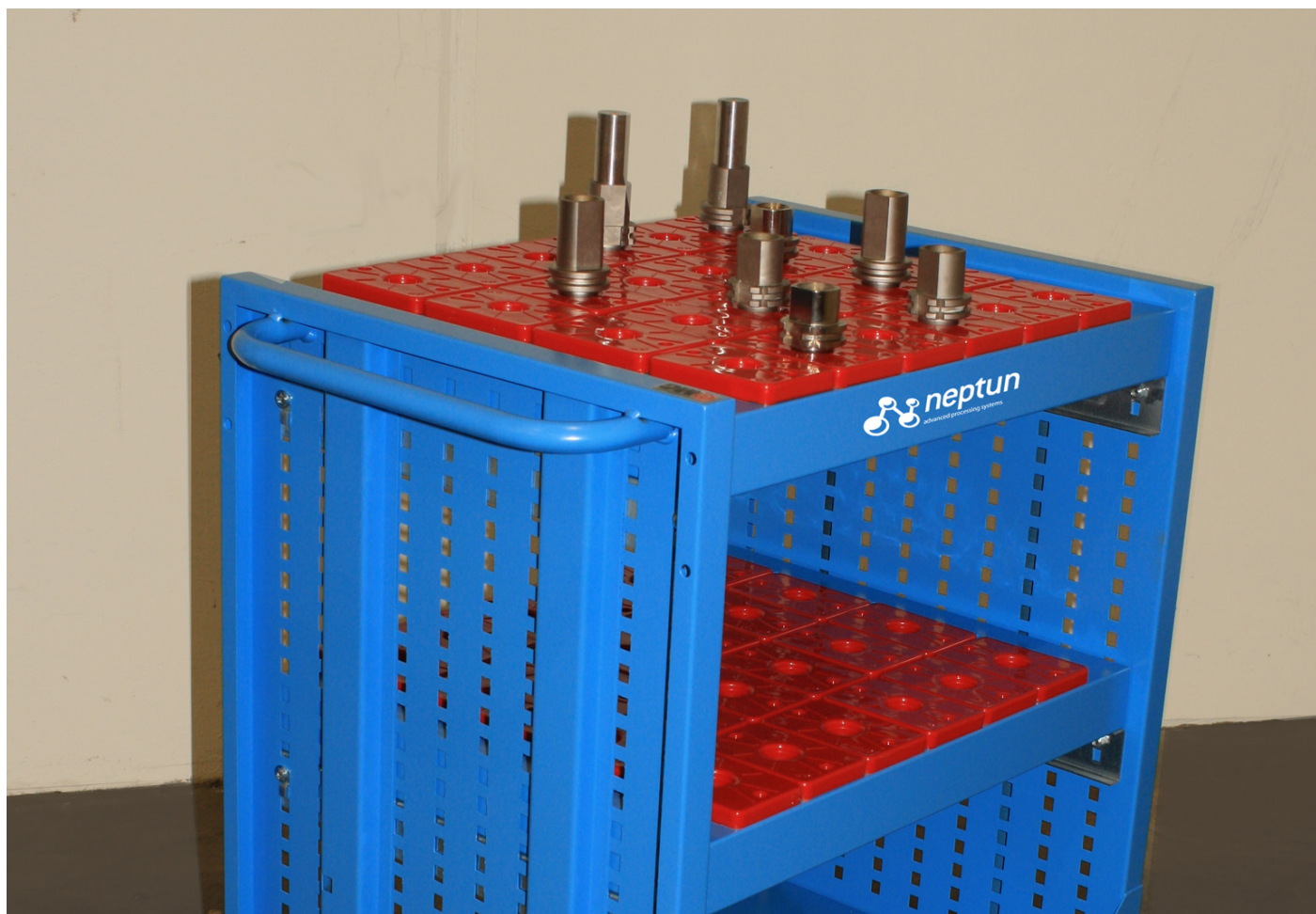
Automatic management of the countersinking depth and 'shock absorber' hydropneumatic system to drastically reduce the risk of glass breakage during drilling.

Optional

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



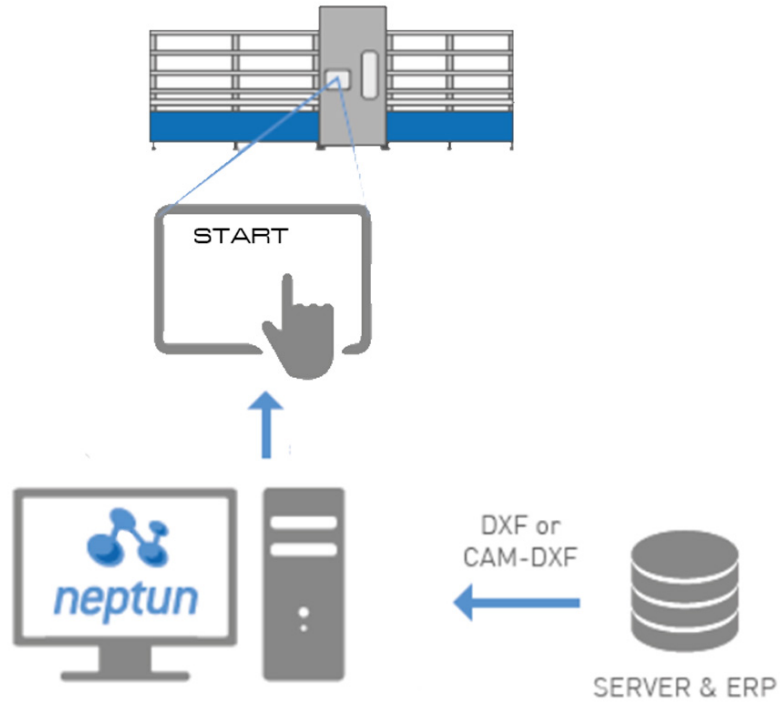
It allows Neptun full access for assistance and updates, not only to the operator panel but also to PLCs, drivers, motors and sensors.

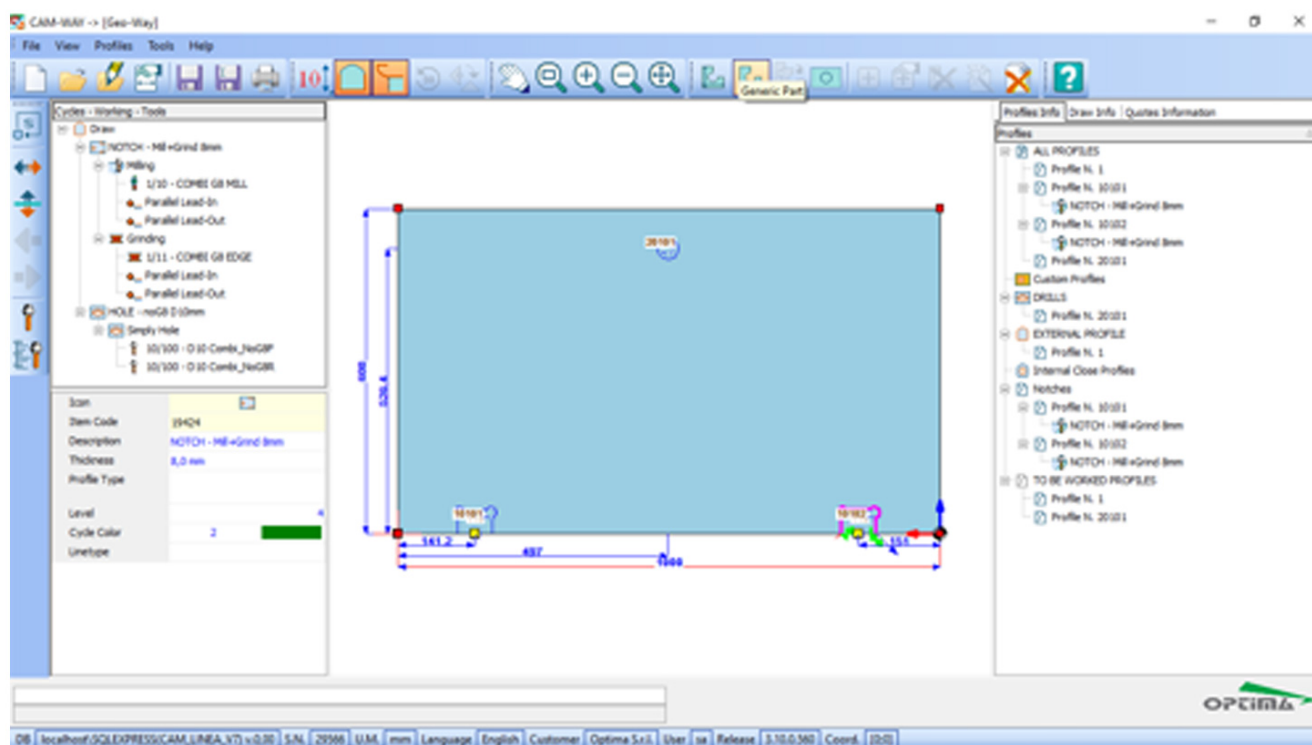


Tool trolley with 20 tanged cones included.



Additional license for remote programming.





Dati tecnici

Model	Dim. mm	KW	Min. glass dimension mm	Max. glass dimension mm	Glass thickness mm	Speed m/min	Weight Kg	Diameter mm	Accuracy mm
Quickdrill 160-24	6281 x 2800 x 2100	4	420 x 240	1600 x 2400	3÷30	1÷25	1800	4-80	± 0,15
Quickdrill 160-30	6881 x 2800 x 2100	4	420 x 240	1600 x 3000	3÷30	1÷25	1850	4-80	±0,15