Quickdrill



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

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Hydropneaumatic 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.

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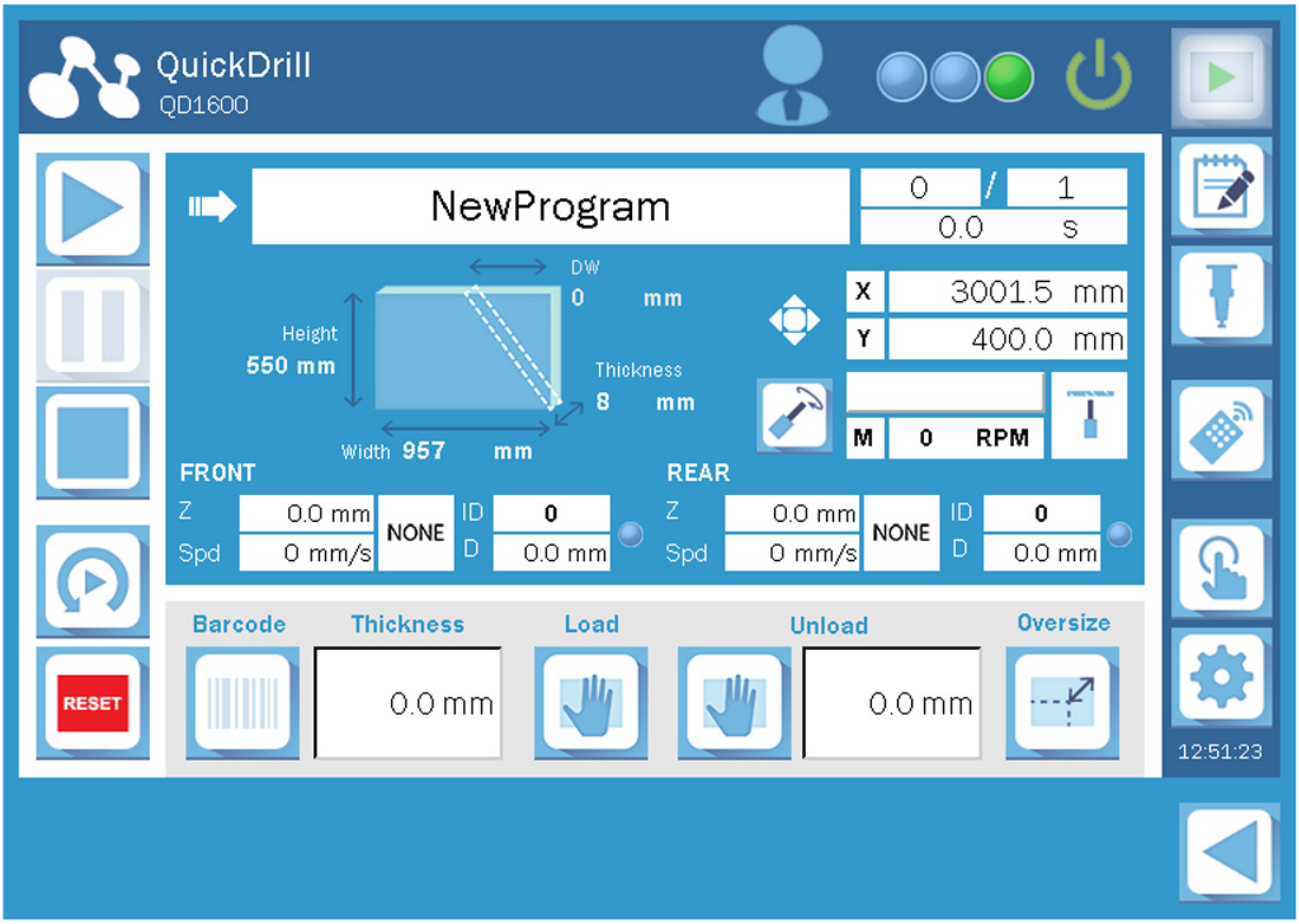


High precision

High precision thanks to the measuring system of the real position of the glass through magnetic bars, guaranteeing an accuracy of ±0,15mm over time.

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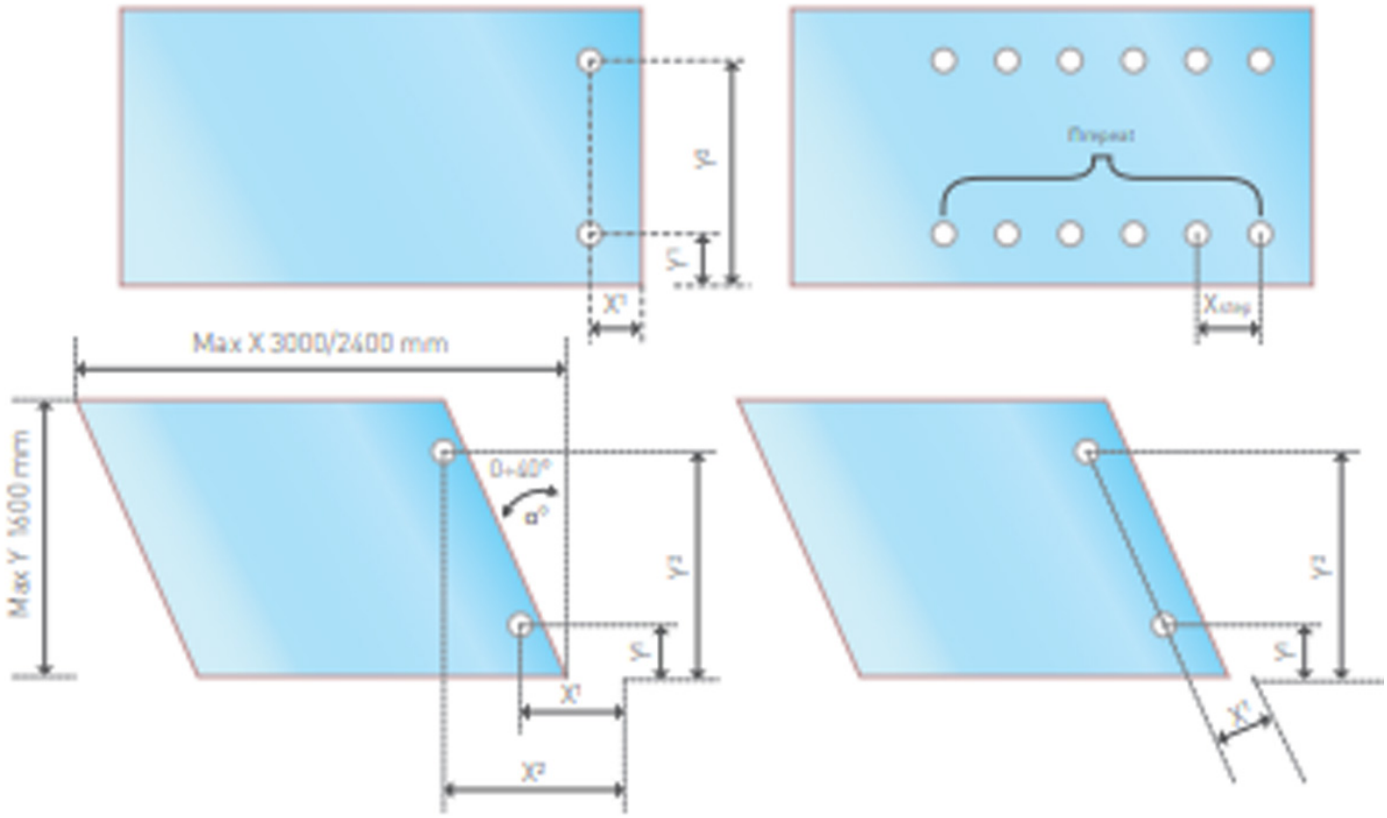


Programming

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

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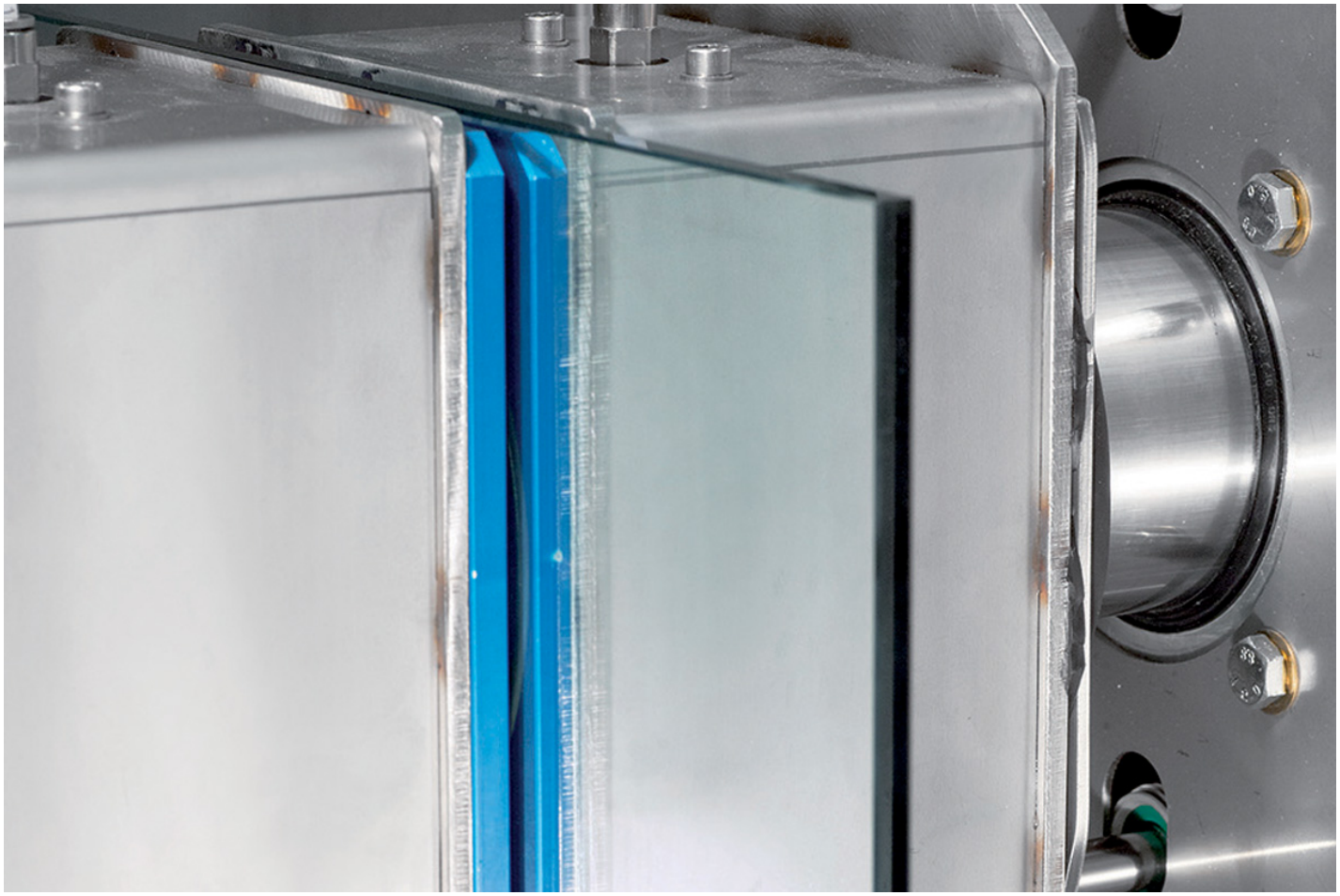


Programs

Powerful function of nested programs, allowing their recall and repeat “n” times after defi nition 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.

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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.

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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.

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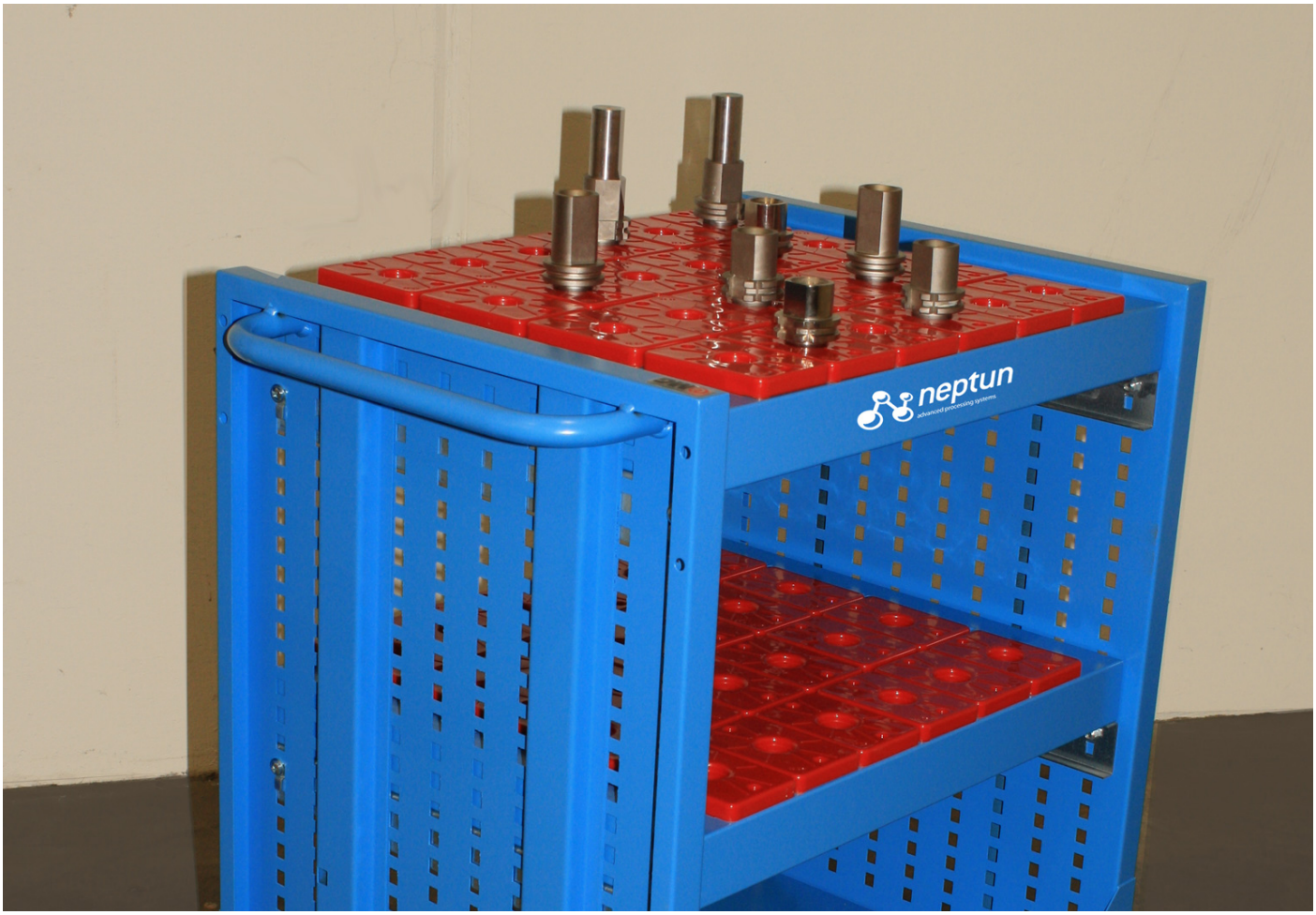
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It allows Neptun full access for assistance and updates, not only to the operator panel but also to PLCs, drivers, motors and sensors.

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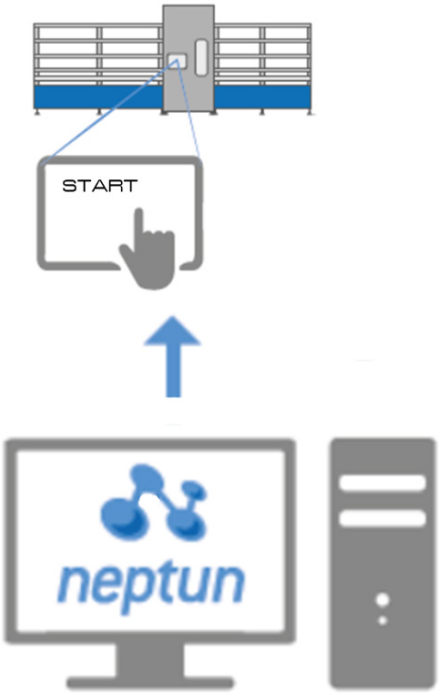
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Tool trolley with 20 tanged cones included.

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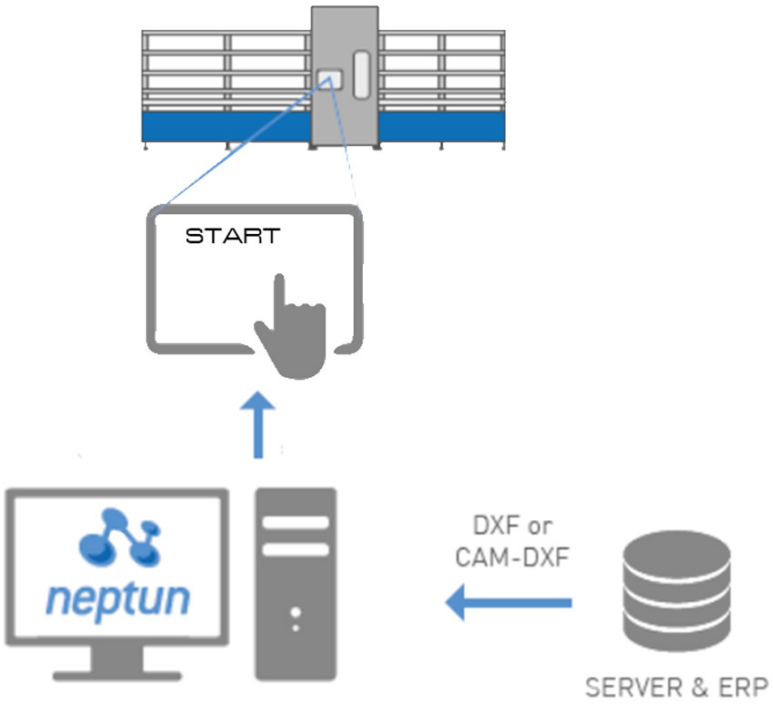
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Additional license for remote programming.

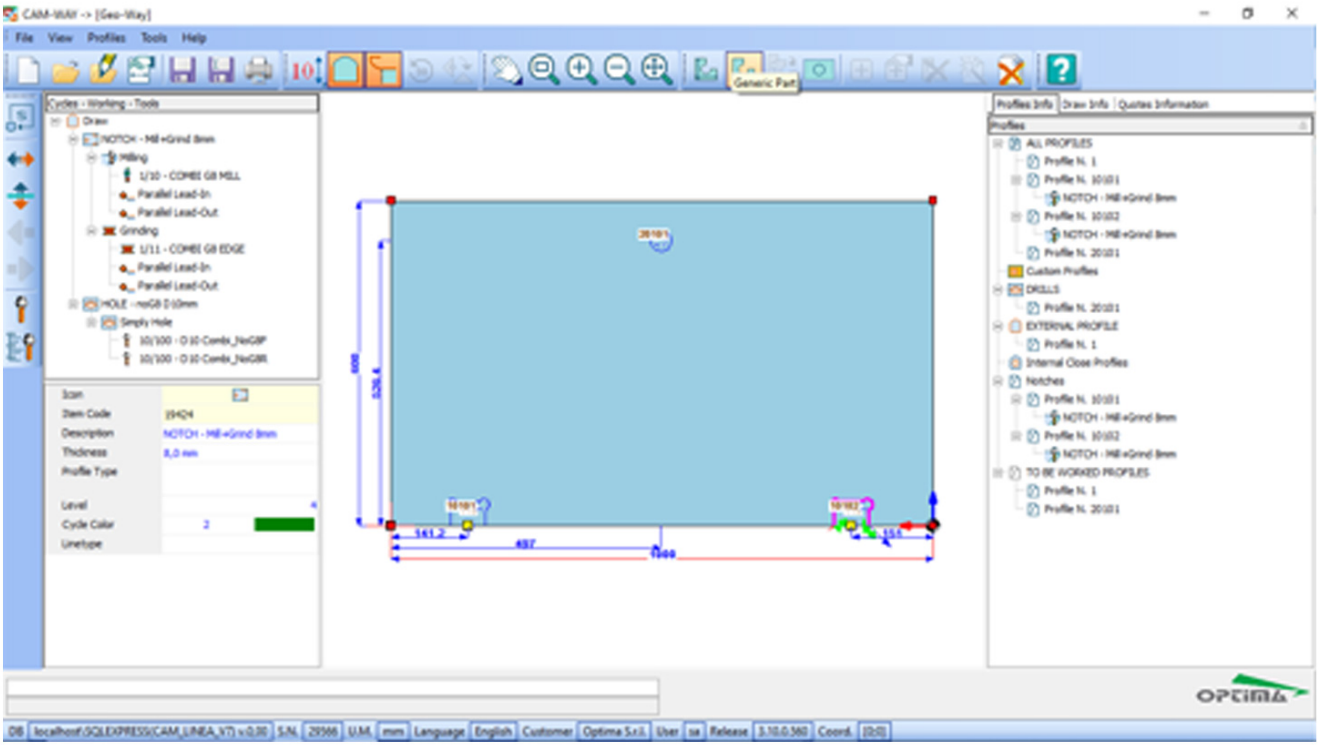
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Dati tecnici

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

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