



TESIR MAKİNE

"Innovative solutions for glass
processing industry"

HS-500

HS 500 VERTICAL DRILLING MACHINE



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The turreted HS 500 performs fast and precise drilling by automatically changing tools in five different sizes. In serial production, this model provides great advantage with speed and accuracy, and it reduces the processing costs to a very low level with a single operator. Suitable for flat and shaped glasses, this model results in low maintenance and spare parts cost due to its strong construction and corrosion resistant mechanical design.

Schneider Servo Motors with reducers, are been used to ensure working in high-speeds with maximum precision and serving for long time period under heavy-production conditions. To ensure durability, precision, low-noise and high speeds, all parts are been used from worldwide well-known brands.



HS 500 VERTICAL DRILLING MACHINE



USER FRIENDLY SCHNEIDER 18.5" CONTROL PANEL

All operations are performed automatically by entering hole dimensions in the user friendly 18.5" Schneider control panel



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AUTOMATIC DRESSING UNIT

This feature, which is offered as an option, automatically sharpens the drills. This will cause reduction of cycle time.

SUITABLE FOR FLAT AND SHAPED GLASSES

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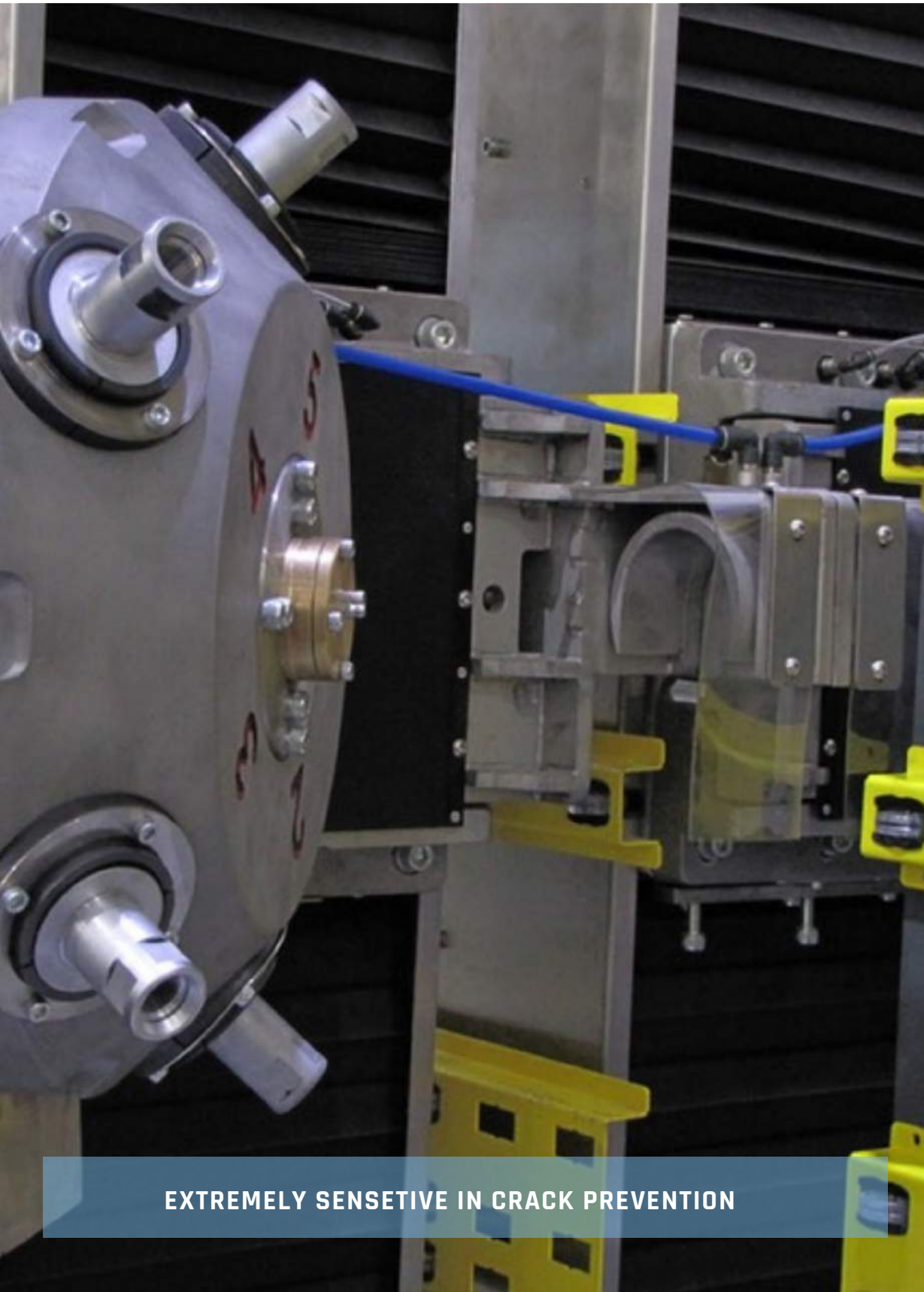
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SUITABLE FOR FLAT AND SHAPED GLASSES

NO NEED TO CHANGE THE DRILLING TOOL



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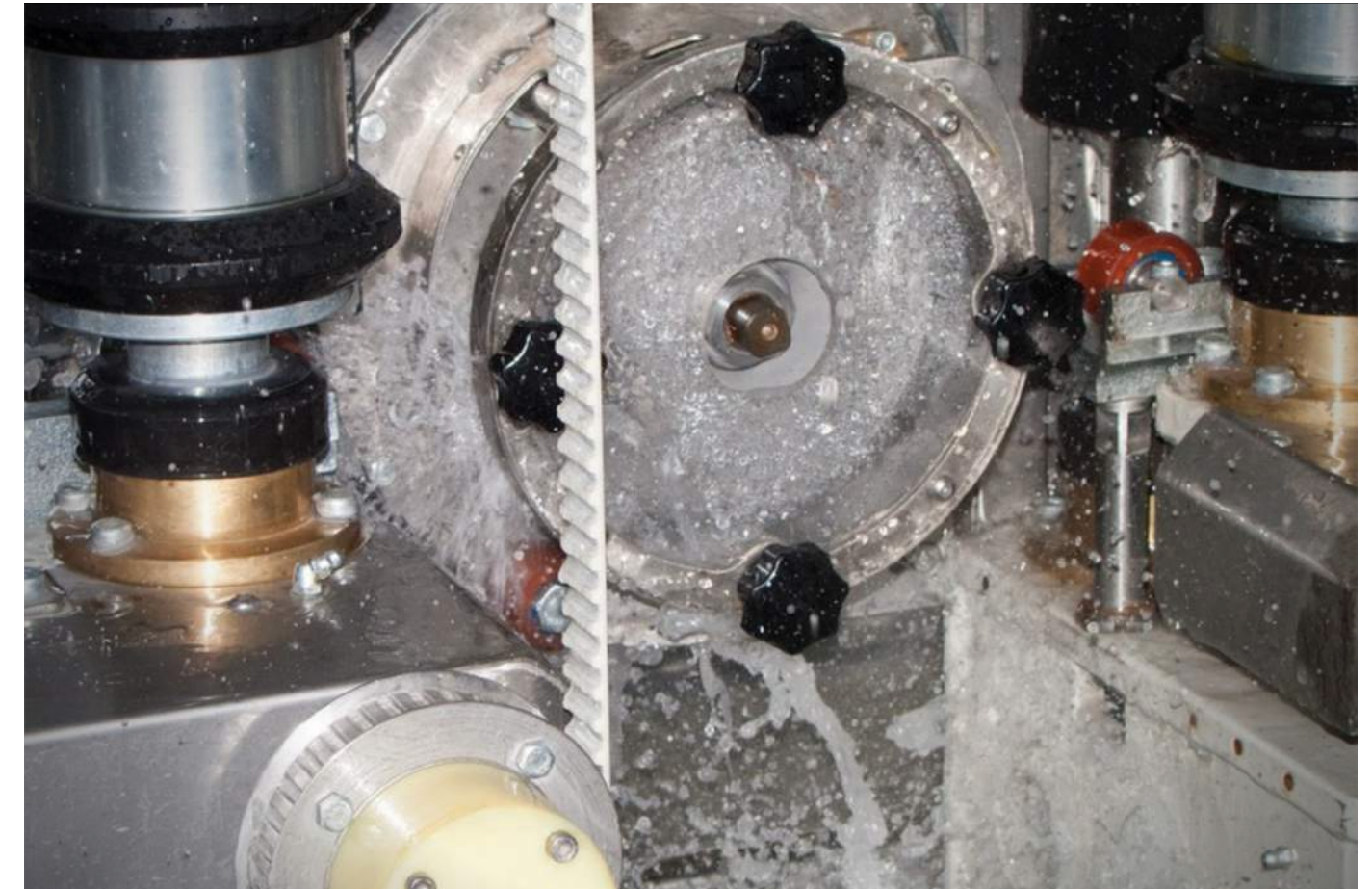


GLASS HOLDER CLAMP SYSTEM

Precise hole axis measurements and axis movements are extremely fast thanks to the glass holder clamp system

DXF FILE COMPATIBILITY

By loading Dxf files, drilling automatically occurs without entering data.



LOW PROCESSING AND ENERGY COST

Due to the servo-driven technology, the power consumptions is extremely low. As all processes are carried out automatically, only one person is getting a high production rate.

**TORQUE
CONTROL SYSTEM TO PREVENT
CRACKING OF GLASS FOR DEEP
COUNTERSINK.**

EXTREMELY SENSITIVE IN CRACK PREVENTION

HS 500 VERTICAL DRILLING MACHINE



CHARACTERISTICS

The machine structure has been made up of steel elements which have been electro-welded and normalised, to be able to guarantee stability and long-lasting time period under heavy production conditions.

Corrosion protection is been obtained by use of Cr-Ni Coating, Water resistant painting techniques.

Water tanks and metal parts having contact with water and glass residuals of the machine are made up of stainless steel and aluminium.

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