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## PRODUITS OU MACHINES

Drilling, countersinking, milling, grinding NC equipments Complete production lines

### **FC JUNIOR**

The high technology machine Forvet FC JUNIOR is capable of executing drilling and countersink operations on flat glass sheets.

The machine program is easily generated by simply entering the X and Y co-ordinates of the holes to be drilled into the Numerical control. The NC then automatically drives the positioning device step by step.

The NC, if requested, also automatically performs the countersink operation, without making another program.

The tools are located on ISO30 cones with an automatic fixing system so that changing tools is very simple and very fast and does not require any manual adjustments.

The machine consists of a rigid 'C' structure that supports the upper and lower drilling heads and the glass is supported on the special table that utilises the 'hydrostatic system' (patented), where the glass never comes into contact with the table as it floats on a cushion of water making glass positioning very easy and eliminates scratching of the glass surface.

### **Chiara MT**

The Chiara MT edge processor is an automatic, numerically controlled grinding machine capable of grinding all four sides of the glass, simultaneously.

The Chiara is available in two sizes: 2000 X 3000 mm or 2500 X 4600 mm.

The Chiara MT is capable of grinding the flat edge and top and bottom arris's or just the arris's alone. The CNC control allows the machine to grind even arris's on the glass edge or with a 45 degree mitre on one side. The machine compares the actual glass dimensions with the programmed glass dimensions and automatically adjusts the glass removal by controlling the speed of the grinding heads.

The machine can process random piece sizes, glass thicknesses and quantities without adjustment. As the glass is being conveyed into the work area the machine automatically sets itself for that specific piece, almost eliminating set up time for random pieces.

The CNC computerised control constantly manages the wheel wear compensation, glass removal, glass thickness and wheel speeds. Modem connection enables remote service and maintenance programs.

The Chiara layout only requires 50% of the area of a comparable Double Edging Line and can easily be connected to other equipment such as in line drilling and washing machines.

All Chiara models are fully compatible with all Low E Glass types because there is no contact with the top surface at any time.

### **INTEGRATED GRINDING - DRILLING LINES**

The combination of the highly developed Chiara grinding lines and the very well established Francesca FC Series gives the user incredible flexibility and productivity.

The latest example of intergrating the two systems has proved that working with a sole supplier offers the user many strong advantages.

Flexible production of polished doors with notches and door handles with holes, ground kitchen appliance glasses with holes and milled slots and structural facades with deep countersinks for Structural Bolt Assemblies. All this without manual intervention.

Company Profile of **Forvet S.r.l**

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