



# Skill Glass

## MACHINES ON SHOW; NEW US REPRESENTATIVE

Skill Glass is specialised in the manufacture and design of high-tech numerical control machines for the processing of flat glass, which, combined with special software with dedicated functions and modern and functional design, are simple and quick to use.

From its head offices in Schio (VI), in the north of Italy, the company designs and creates advanced solutions, focusing on intuitive and practical machines with high technology, that are innovative and at top-level for quality and ease of use.

### VERTICAL PROCESSING

Skill Glass has created the best expression of vertical processing, promoting optimal use of space for the glass industry. Machines that are particularly appropriate for large production of architectural and struc-

tural glass and that have the strongest features and best advantages on the vertical glass processing sector.

The company was established thanks to the experience of Beniamino Dal Santo, who has been designing and creating glass processing machinery for more than 30 years.

The Skill Glass brand range includes large machines that can be used either in stand-alone settings or in-line with other systems: vertical CNC centres, drilling and milling machines, machines for grinding and polishing, as well as machines and systems built to specific requests.





In its aim to continuously grow and expand, Skill Glass gives us an idea of its top of the range machines, some of which will be on show at GlassBuild America, with its new partner - Machines and Wheels.

Matteo Dal Santo, **Sales Manager**

### VERTICAL CNC CENTRES

SKILL E-D is a vertical CNC centre for grinding, milling, drilling and polishing rectangular and shaped flat sheet glass. The machine can process both rectilinear and shaped flat sheet glass and combines all the technology for vertical drilling and milling with the features of a vertical grinding machine. Its main feature is its versatility, which allows different types

of processes at high speeds and optimal precision.

E-D 101 is the new vertical CNC centre for grinding, milling, drilling and polishing of flat glass. This machine has all the technology of SKILL E-D but is designed to process pieces with thicknesses of 3 to 12 millimetres.

On these centres, the double working heads process the long sides of the pieces simultaneously, thus saving considerable time on grinding and polishing; The tool magazines, one rack of 10/12 positions for each working head, are placed in vertical columns close to the working head and ensure faster automatic tools change.

SKILL E-D and E-D 101 work with 150-millimetre diamond wheel grinders also on laminated or treated glass. Polishing can be performed on large surfaces with 150 millimetre wheels as well as on small inserts with diameters

of 30 or 50 millimetres. Oppositely placed heads ensure drilling is at maximum speed with top quality and precision, while countersinking can be performed with individual diamond tipped tools or with accessories mounted on the drill bits.

The vacuum belts system is one of the best advantages of these machines because, besides guarantees drilling and milling without any limitations, it enables to work in continuous mode without idle time that is important issue with regards to suction cups carriages that have to wait until the unloading of the finished piece before loading a new one.

### DRILLING AND MILLING

DRILL 1600FF is a 5-axis CNC drilling and milling machine designed for producing holes, inserts and countersinks on rectangular flat glass with a thick-





ness of 3-20 millimetres. The machine is composed of five axes, X Y V Z W, and two electro-spindles which, as opposite drilling heads, create a double-sided drilling system that drills perfect holes.

DRILL 101FF is a 6-axis CNC drilling and milling machine designed for drilling and milling in continuous mode on rectangular and shaped flat sheet glass. Thanks to his special vacuum belts system it guarantees a very high speed of the cycles and no limits on the drilling and milling because there are not the high limitations that the others systems have due by the presence of the suction cups where is not possible to make holes or notches. These vertical drilling and milling centres are able to operate with extreme speed and precision thanks to the management of all the pro-

cesses by numerical control and also thanks to the support of the double tool changer.

The milling on these machines is a simple and quick operation and by using multiple tools can mill and grind an insert in just a few seconds as well as the polishing that can be carried out in small inserts with 50 or 30-millimetre grinders.

### GRINDING, ARRISING AND POLISHING

SKILL SFILL is the vertical centre for arrising, grinding and polishing straight and shaped glass panes.

The machine is composed of nine axes and two electro-spindles mounted in parallel, allowing to process the pieces with two heads at the same time.

Edging is done using diamond wheels with a di-

ameter of 150 millimetres and can be carried out on straight and shaped glass, including laminated or treated glass.

SKILL SFILL has the possibility to process pieces with different heights, widths and thicknesses without any intervention by the operator and with also the top quality of polishing achievable even with several passes and a different pressure of the polishing wheels on the glass managed automatically by the numerical control.

### NEW PARTNERSHIP

Skill Glass is proud to announce its new partnership with Machines and Wheels that now represents Skill Glass in the US market and announces its participation with the company at the exhibition GlassBuild America in Las Vegas 12-14 September, where the

DRILL 1600FF drilling and milling machine will be on show at Booth 1863.

“I am very excited to represent Skill Glass. Their knowledge, service, and attention to detail is unmatched. Their lines offer versatility that others don’t, and they are very organized and responsive





to all questions. I couldn't ask for a better partner," Heather Monroe, Sales and Marketing – Machines and Wheels.

"It was time for us to grow, and Skill Glass was the perfect partner for Machines and Wheels. We look forward to a very long relationship with Skill Glass. After seeing their machines, I knew that this was exactly what the industry needed," Scottie Stephens, President – Machines and Wheels.

"I believe a lot in this new collaboration and I'm sure



that Machines and Wheels can give us the great support that is really necessary to have success in the US market," Matteo Dal Santo, Sales Manager – Skill Glass,

"We know that Machines and Wheels are well known and have a very good reputation in the glass market. We were the first to believe in vertical machines and with their support we are sure that it will be a success also in the US market," Beniamino Dal Santo, President – Skill Glass.



SHG Srl - Skill Glass



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