

OMV Vismara: milling and drilling at its best

Vismara was founded in 1981 and concentrates its production on flat glass processing machinery, in particular with a wide range of drills, which respond to all the possible needs of today's flat glass manufacturers. Design of all the company's machinery is carried out entirely in-house, which enables it to be more ready for specific client requests, also thanks to technological flexibility and ease of use, along with reduced maintenance.

PRODUCTS ON SHOW AT GLASSTEC

On show at the upcoming edition of *glasstec*, Vismara will have its *T.e.v.u* vertical multiple drill with 3 + 3 opposite heads, as well as the Rap CHG@20+20 vertical drill and milling machine. These two products, now updated and improved as far as automation is concerned, but keeping operator-compatibility in mind.

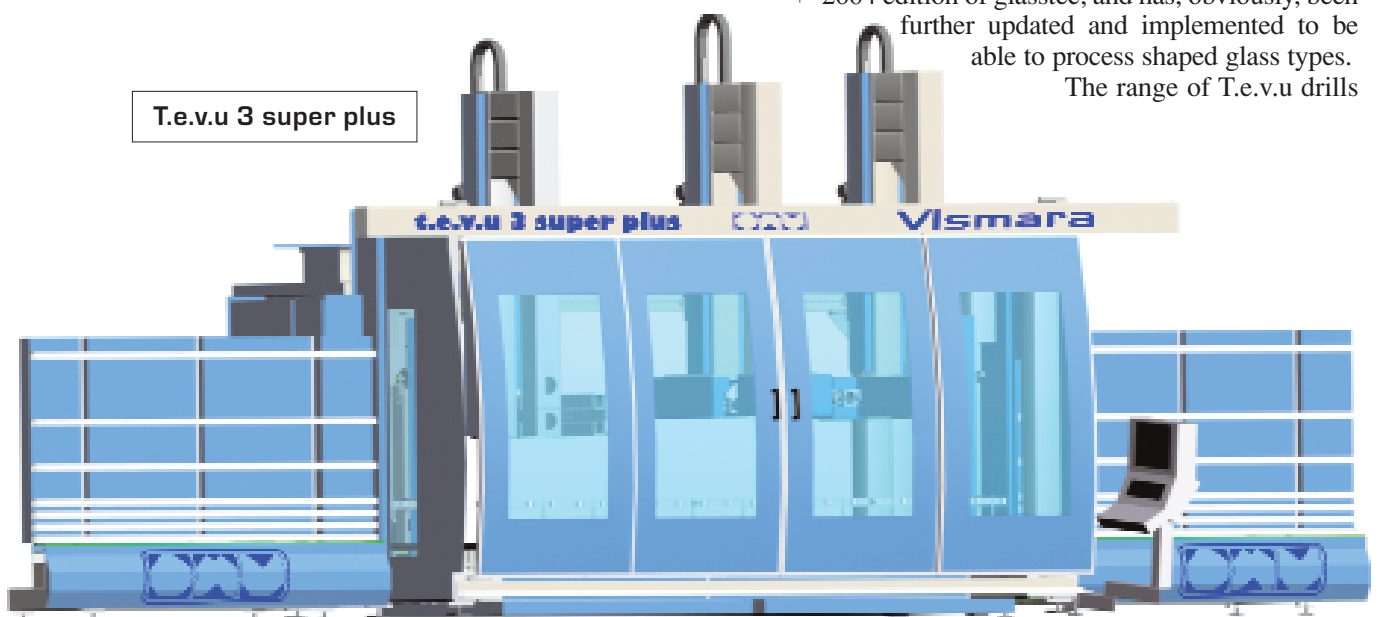
T.e.v.u

T.e.v.u is a drill for the drilling of shaped glass needing numerous different holes in the shortest possible time. *T.e.v.u* is particularly suitable for large production rates with the possibility of processing glass with irregular shapes, such as those for automotive uses.

The first model of *T.e.v.u* was presented at the 2004 edition of *glasstec*, and has, obviously, been further updated and implemented to be able to process shaped glass types.

The range of *T.e.v.u* drills

T.e.v.u 3 super plus



Rap CHG@ 20+20

include those with 3-, 4-, 5-, and 6 opposite drill heads.

Rap CHG@20+20

Rap CHG@20+20 finds its ideal use in glass needing holes of different diameter thanks to its 20+20 tool position and mill holder. It is the only drill with high-speed tool changeover with 20+20 positions, which makes it extremely flexible. It does not need continuous operator intervention for tool changeover as per hole diameter, and processes glass sheets with dimensions of 3,300 x 8,000 millimetres, also up to 10,000 millimetres. Since its introduction to the market at glasstec in 2006, Rap CHG@20+20 has been updated to process large-sized glass sheets.

Rap CHG@ has three models: 10+10 tool changeover positions; 15+15 position, or 20+20 positions.

Innovations and research for the new models

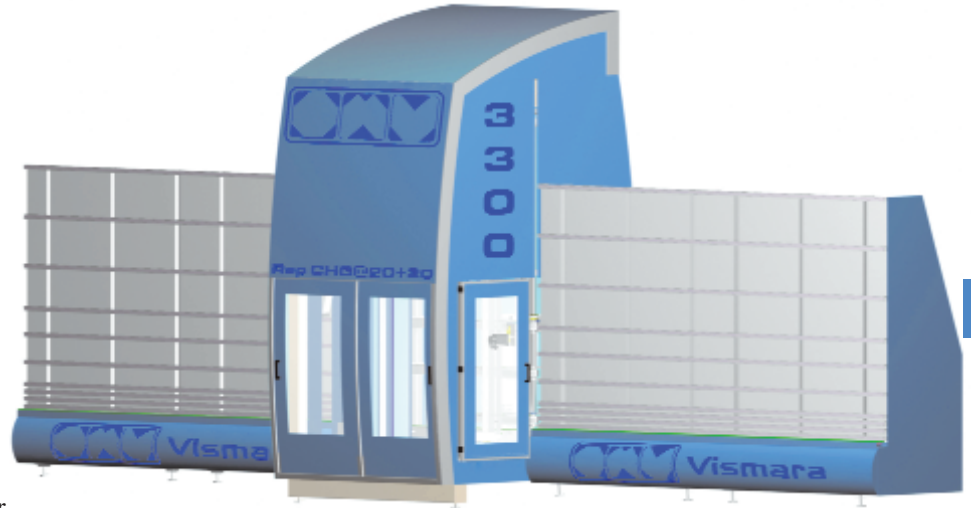
The newest version of the two machines at glasstec include vertical processing, up to glass sizes of 3,210 x ∞ (infinity), along with high-speed tool changeover. Both machines are modular, and both can be installed inline.

Both machines have been tested 'in-field' and are equipped with user-friendly software. Thanks to the positive feedback of the company that already have one of these machines, Vismara has also started series production.

Along with user-friendly software, which uses a PC to give all data regarding the processing in few screen shots, the T.e.v.u and Rap CHG@20+20 are also equipped with a lubricating system that is completely automatic.

The machines are aimed at the medium- to high-level areas of the market for installation in those glassworks with high production numbers, such as for automotive glass those producing drilled or milled glass sheets, since they are completely NC controlled, automatic, and suitable for production in series.

The machines can, however, be used for sin-



TECHNICAL CHARACTERISTICS

	RAP CHG@ 20+20	T.E.V.U
Dimensions	Up to 20m x 4m	15 m x 4 m
Space needed for installation	no	no
Weight	15 ton	10 ton
Electrical consumption	15 Kw	20 Kw
Dimension of processed glass min./max.	200 x100 /3,300 x 800	
	200x100/1,500 x3,000	
Thickness of processed glass, min./max.	3-20mm	3-20mm

gle production items thanks to their easy programming features.

SAVINGS

The use of these new machines from Vismara enable consistent savings in terms of time, labour, costs and, last but not least, energy.

Savings in terms of personnel are also possible because vertical processing of glass sheets means that fewer operators are necessary for loading and unloading operations, and which can therefore also be automatic. ■



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