

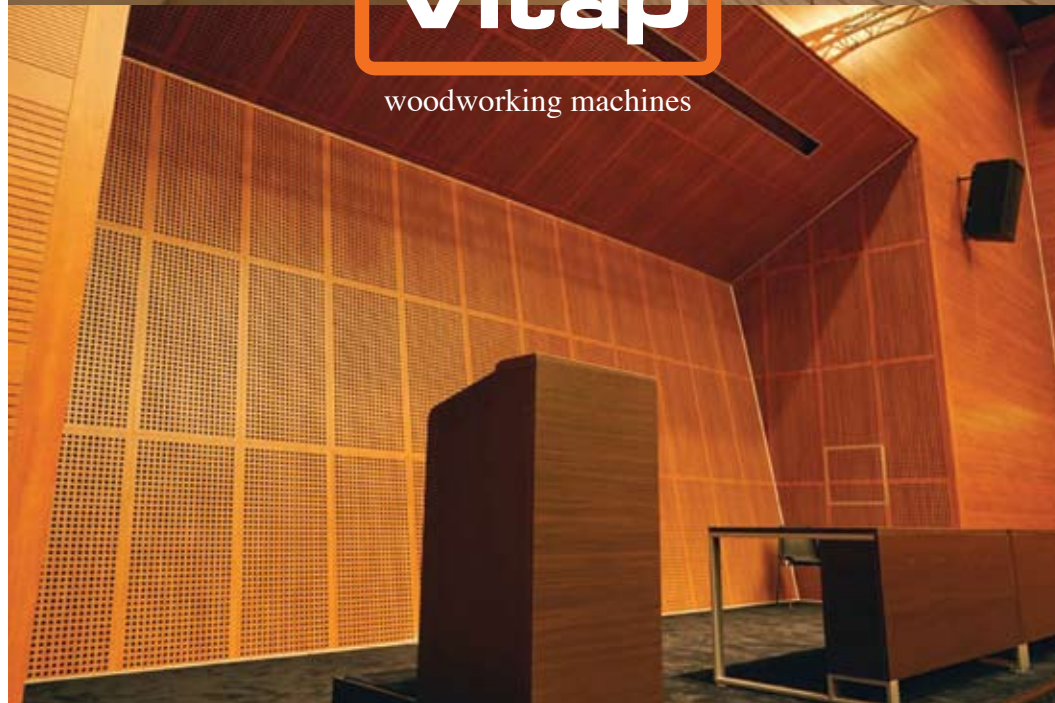
Point Acoustic



SINCE 1954

Vitap

woodworking machines



Point Acoustic

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Vitap

woodworking machines

Pollution

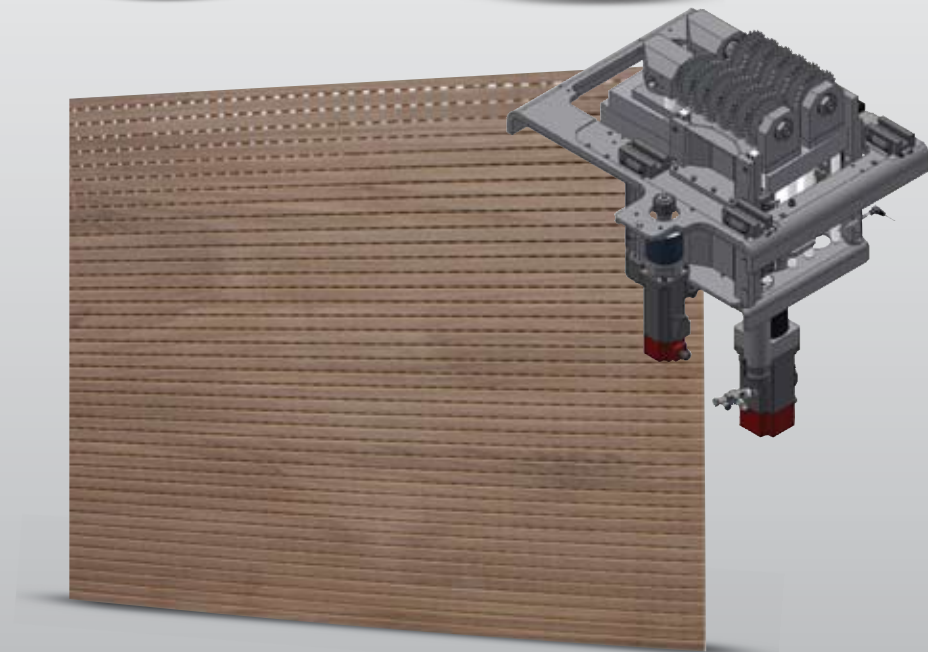
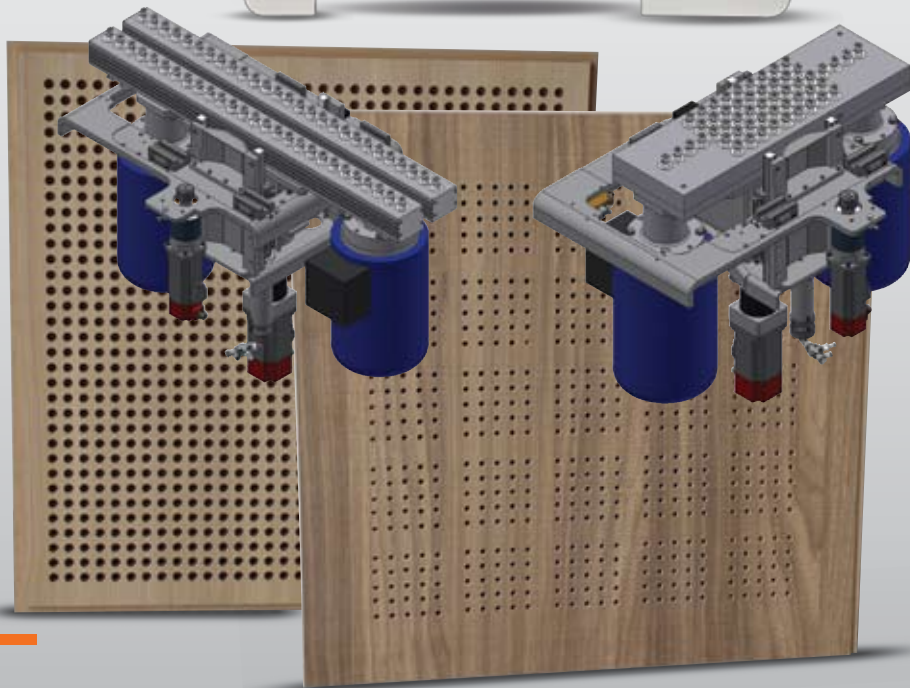
All types of pollution are harmful to the human health and to the world that we live in. Noise pollution is no less important than that of water, ground, air...

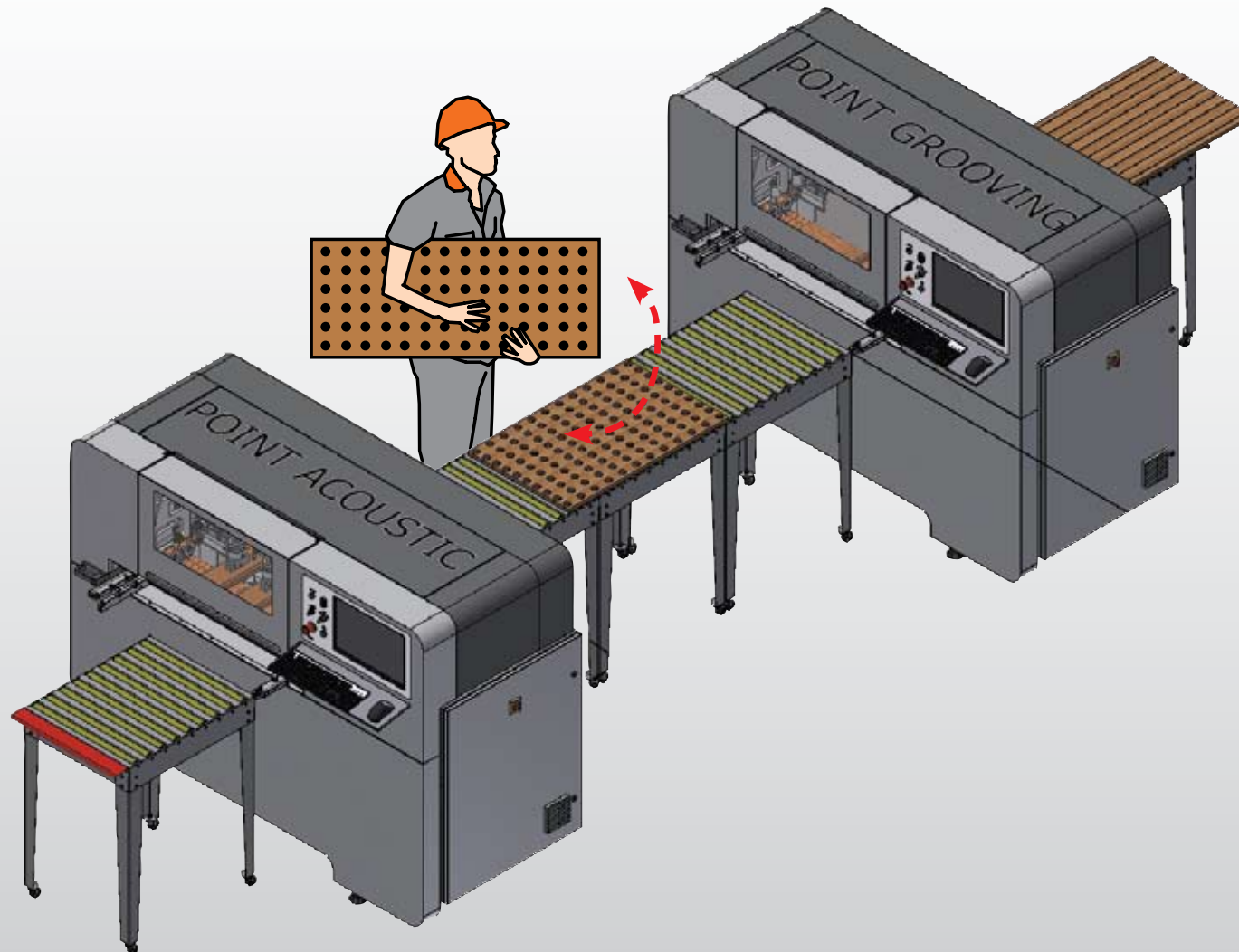


Point Acoustic

Point Grooving

- Dedicated machines for execution of acoustic and sound - absorbing panels.
- 54 holes every 4" seconds • We can also make a customized head. Dedicated software for drilling optimization





Technical Data (standard) POINT ACOUSTIC

N.2 parallel drilling heads 27x32 mm. spindles with quick chucks	
"We can also make special heads according to your needs"	
The heads rotate at	2800 rpm
Max weight of the panel:	Kg 30
Max panel size :	X no limit, Y 1200 mm, Z 50 mm (see lay-out for details)
Min panel size:	X 400 mm, Y 150 mm, Z 12 mm

Technical Data (standard) POINT GROOVING

N.2 parallel shafts and pre-settable counter-rotating,	
n° 6 + 6 circular saw blades entre-axe 32mm	
The Max shafts rotation	2800 rpm
Max weight of the panel:	Kg 30
Max panel size :	X no limit, Y 1200 mm, Z 50 mm (see lay-out for details)
Min panel size:	X 400 mm, Y 150 mm, Z 12 mm

Point Acoustic

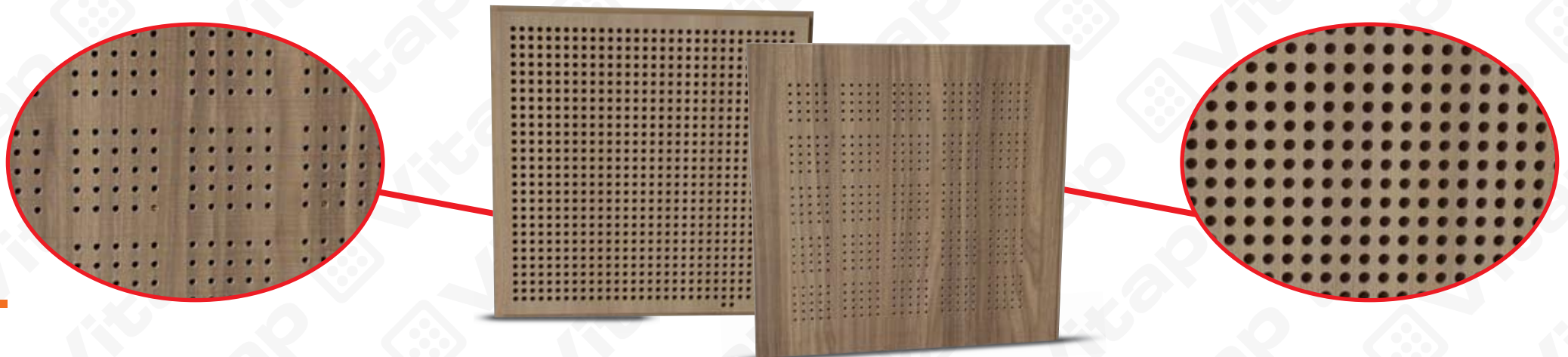


Pollution

All types of pollution are harmful to the human health and to the world that we live in. Noise pollution is no less important than that of water, ground, or air.

How to Reduce Noise Pollution

Noise pollution can be substantially reduced in enclosed areas with noise absorbing materials that eliminate echoes and reverberation. It is proven that quality of life and the ability to concentrate improves while stress decreases in areas where excess noise is reduced. Today, noise pollution is generally reduced by utilizing noise-absorbent panels that are drilled, grooved, or drilled on one side and grooved on the other, where excess noise is "trapped" within. These panels come in various sizes and materials, though most are made of wood. Vitap has had experience in drilling wood, MDF, aluminum, stone veneered substances, and other types of materials. Standard size holes are typically 8-10 mm, but we also have experience in drilled panels with up to 1000 holes of 25 x depth 16mm diameter. We are presently studying applications of micro-drilling (holes between 0.7-1.5mm). Micro-drilling gives noise absorbing properties even to furniture components such as kitchen cabinet doors and other. Vitap is available to evaluate your requirements and study viable solutions.

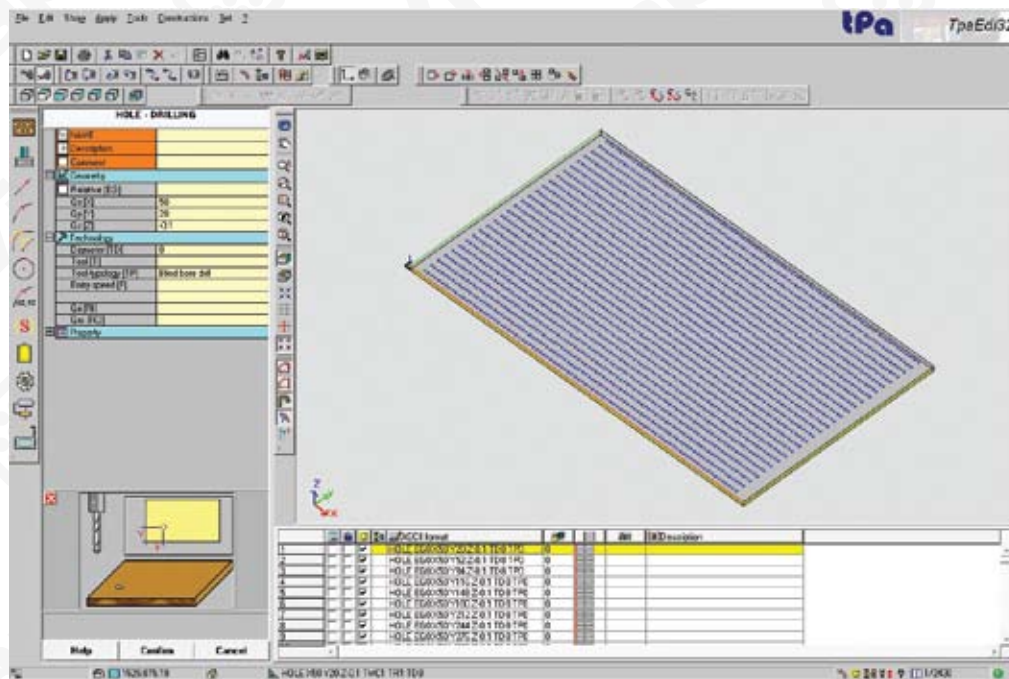


Point Acoustic

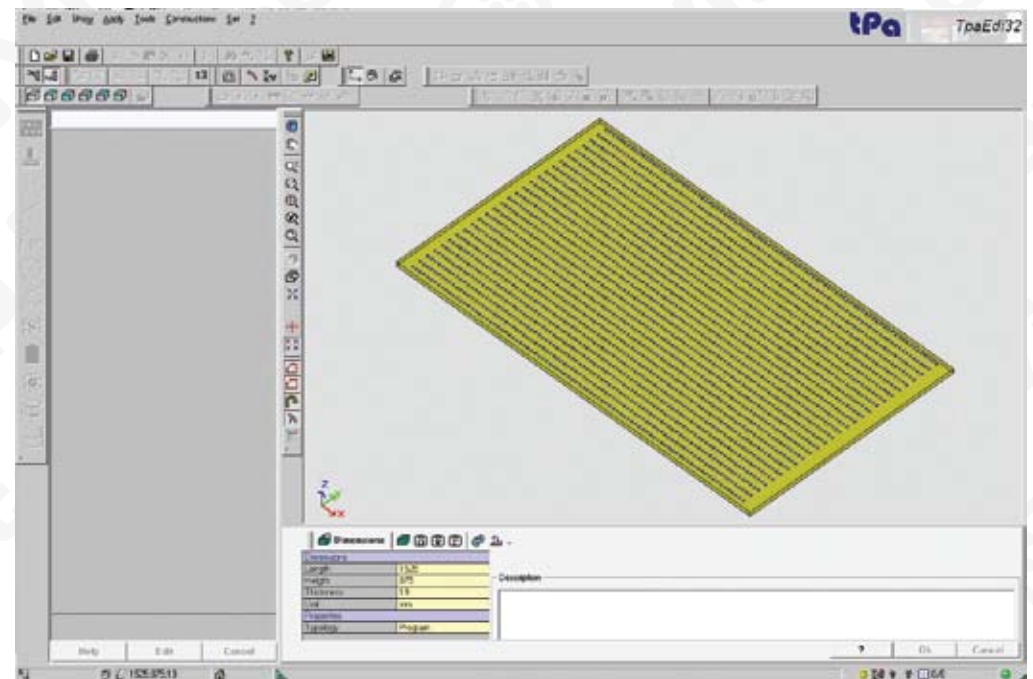


Point Acoustic

A CNC control, supported by a powerful optimizing system, allows the Point Acoustic to optimize productions of up to 700/800 holes in one minute.



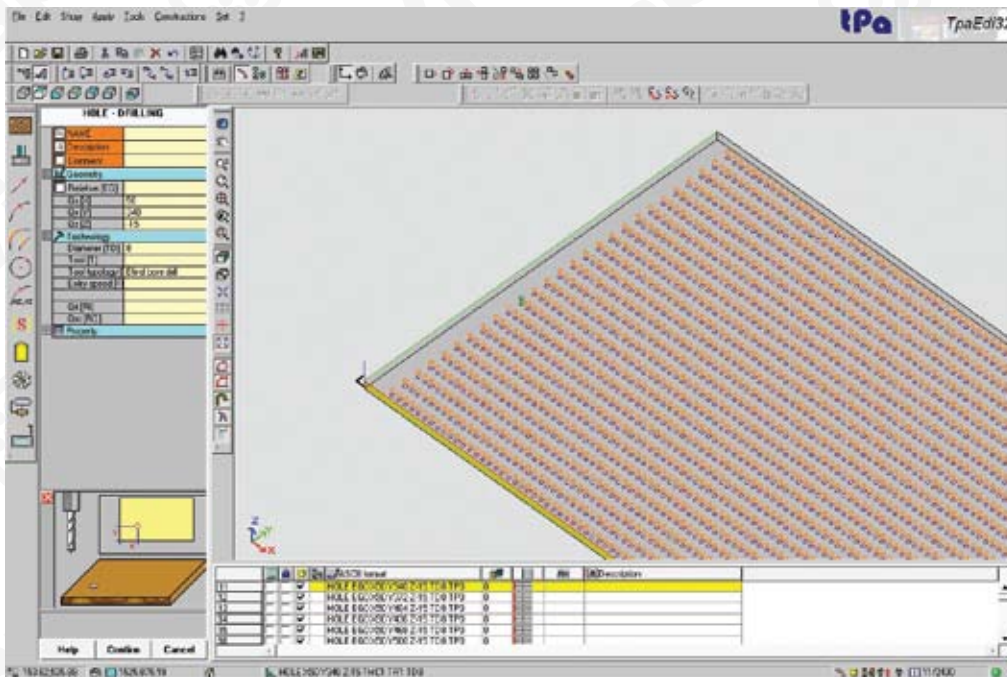
(fig.1)



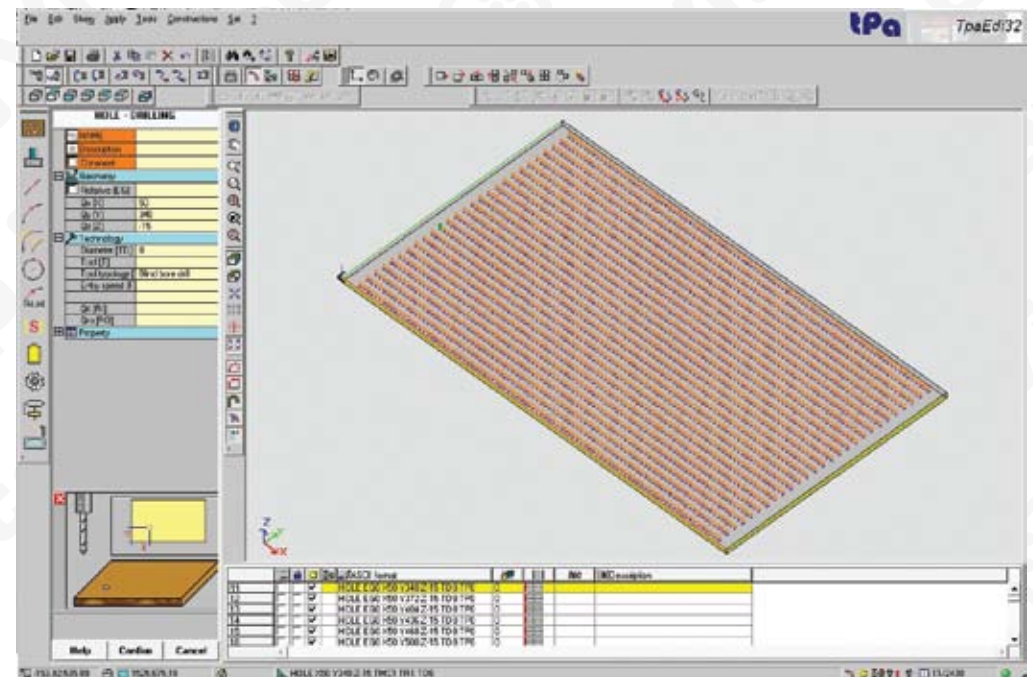
(fig.2)

Point Acoustic

A CNC control, supported by a powerful optimizing system, allows the Point Acoustic to optimize productions of up to 700/800 holes in one minute.



(fig.3)



(fig.4)

Point Acoustic



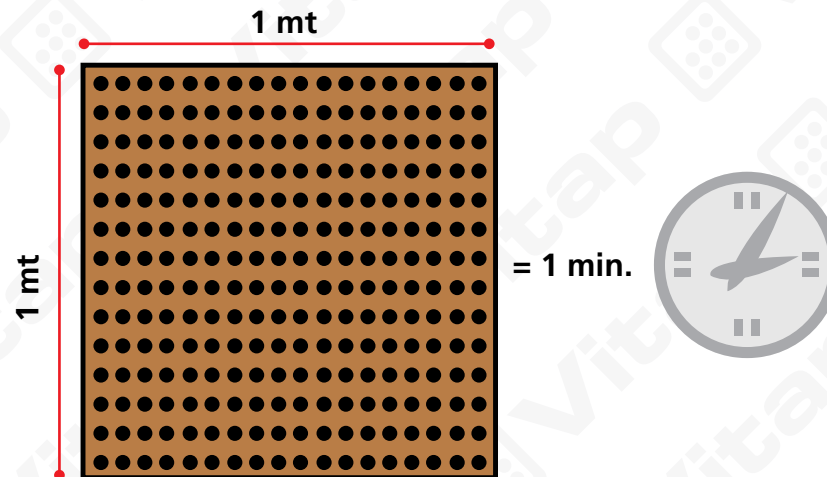
Standard Set Up

The standard configuration of the machine is 2 parallel rows of 27 drill heads at 32 mm spacing.
Vitap has over 60 years of experience in producing special drill heads with metric or inches spacing.
We can also make a customized head.
Dedicated software for drilling optimization.



Speed

The Point Acoustic, given its speed and accessible price, can provide an ROI in just a few months even if used for just a few hours a day. As an example, a panel of 10 square feet can be produced in about 1 minute, for a total daily production of 4,800 square feet (spacing at 32 mm).



Point Acoustic



Vitap machines are almost always designed to be used without expensive vacuum pumps or other costly devices, also to avoid additional and expensive electrical consumption.

