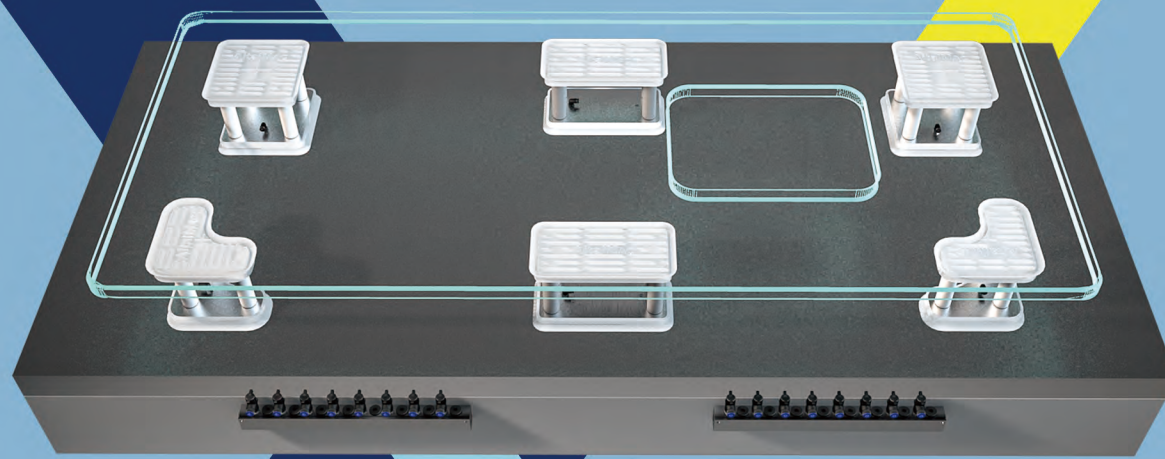


## TECHNICAL DATA

		KT 38	KT 48		KT 38	KT 48
Workable area (x,y,z)	mm	3790,1815,420	4290,2315,420	in	149,72,17	169,91,17
Maximum Tool Diameter	mm	160		in	6.3	
Overall dimensions	mm	5036*3170*2400	5536*3670*2400	in	198*125*94	218*145*94
Max. spindle nose to table	mm	540		in	21.25	
Tool holder cone	type	Cone ISO 40		type	Cone ISO 40	
Automatic tool change stations	number	27(54 optional)		number	27(54 optional)	
Electric spindle Power	Kw	7/S1-9/S3		Nw	38/70	
Variable cutting and return speed	m/min	0-24000		ft/min	0-78	
Air pressure	bar	7		bar	7	
Total Weight	Kg	4200	5200	lbs	9260	11500
Water consumption	l/min	20-50		gal/min	5-13	
Vacuum pump motor power	Kw	1.5		Kw	1.5	
Vaccum pump capacity	m <sup>3</sup> /min	0.45		m <sup>3</sup> /min	0.45	
Max. Install Power	Kw	16		Hp	20	
Maximum spindle rotation	rpm	10000(14000 optional)		rpm	10000(14000 optional)	



GLASS STONE METAL PLASTIC WOOD

Suction cups can hold various materials including glass, stone, metal, plastic, wood and more, enabling the machine tools to stably process the product.

	UP : 270×140 DOWN : 270×140		UP : 200×200 DOWN : 200×200
	UP : 200×200 DOWN : 200×200		UP : 270×70 DOWN : 270×140
	UP : 270×70 DOWN : 270×70		UP : 400×200 DOWN : 400×200
	UP : 400×200 DOWN : 400×200		UP : 400×50 DOWN : 400×140

\* The data unit :mm



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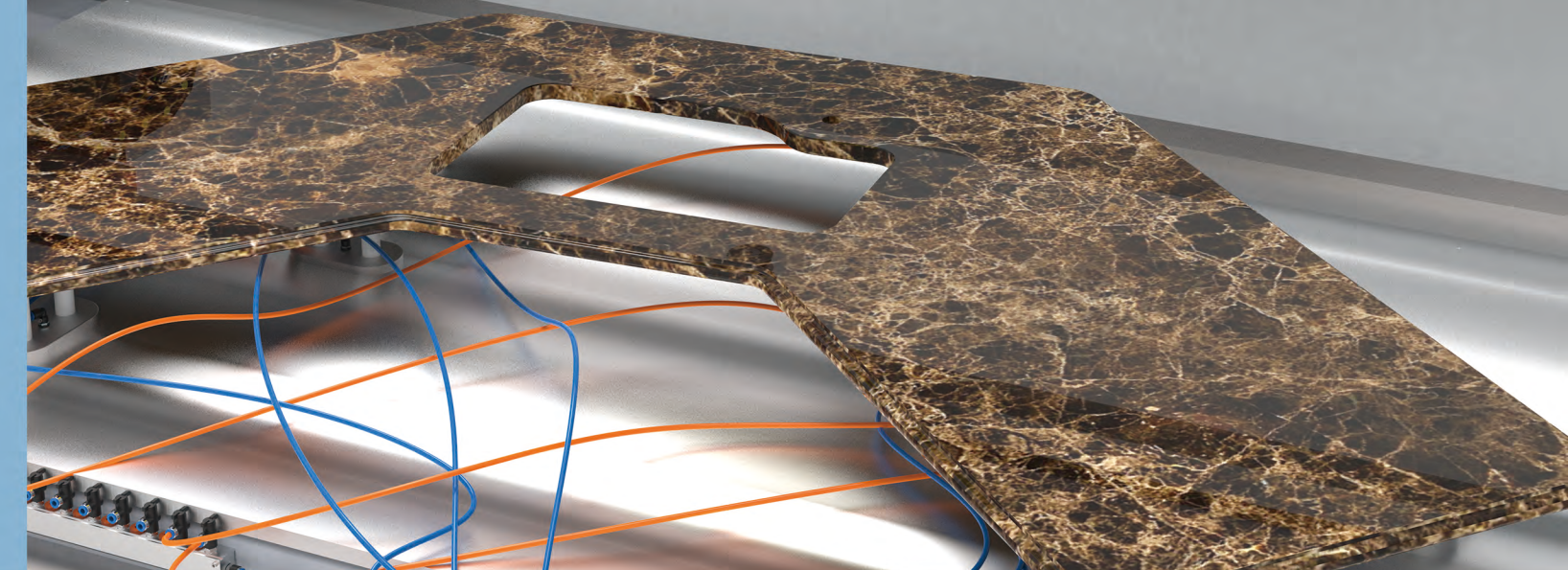
☎ toniolo\_luca

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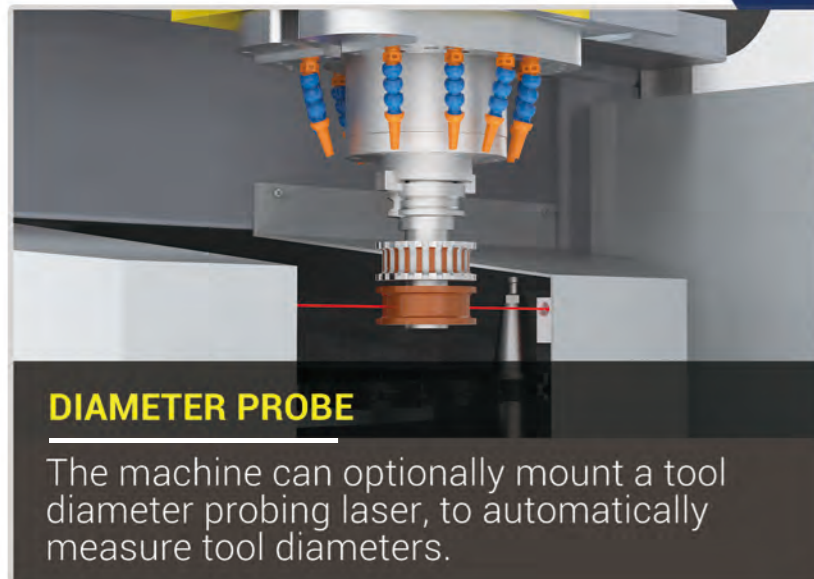
**AitalMAC**  
Equipment for Stone Processing

**KT 38 / KT48**  
KITCHEN TOP CNC



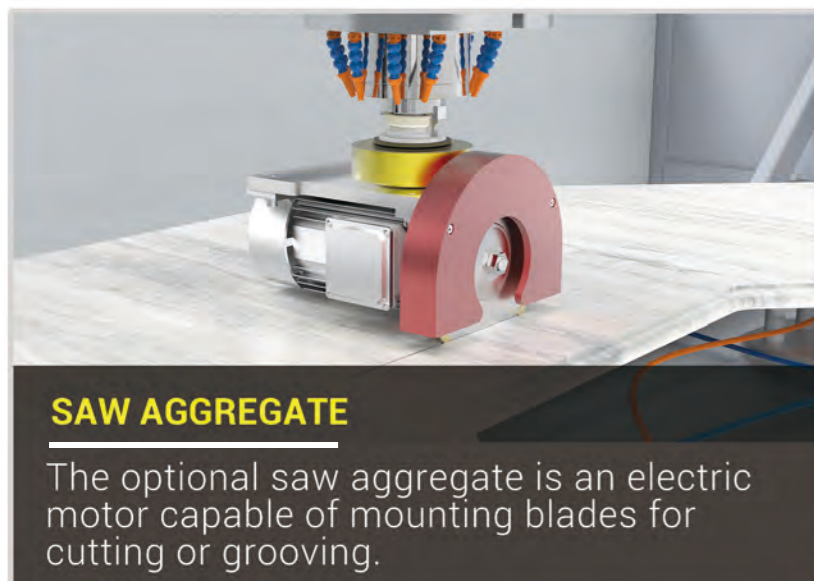
# KT38 / KT48

## KITCHEN TOP CNC



### DIAMETER PROBE

The machine can optionally mount a tool diameter probing laser, to automatically measure tool diameters.



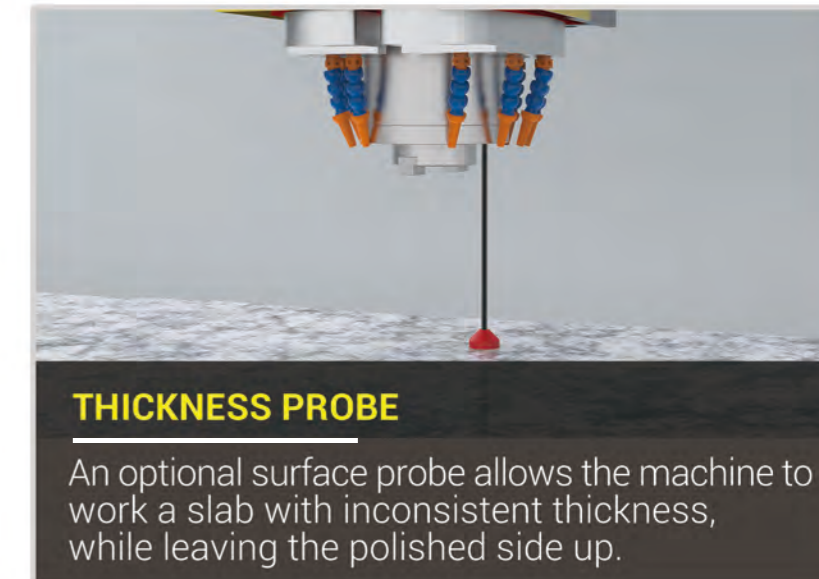
### SAW AGGREGATE

The optional saw aggregate is an electric motor capable of mounting blades for cutting or grooving.



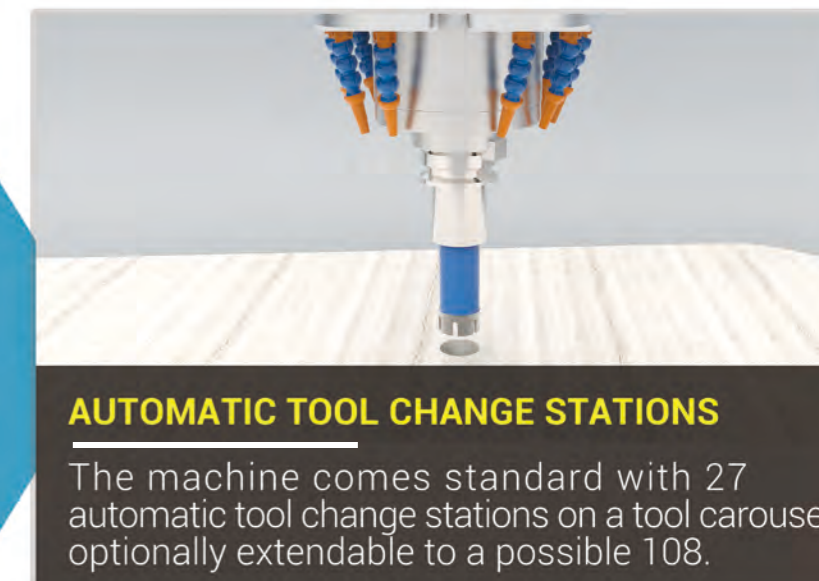
### DOUBLE TOOLS

The machines with automatic tool change also support more than one contouring tool mounted on the same cone (only with AITEK CAM).



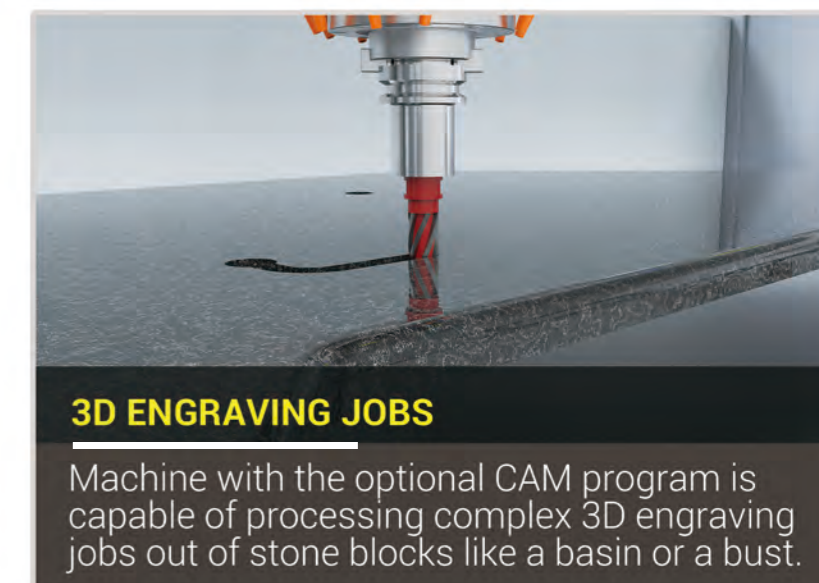
### THICKNESS PROBE

An optional surface probe allows the machine to work a slab with inconsistent thickness, while leaving the polished side up.



### AUTOMATIC TOOL CHANGE STATIONS

The machine comes standard with 27 automatic tool change stations on a tool carousel optionally extendable to a possible 108.



### 3D ENGRAVING JOBS

Machine with the optional CAM program is capable of processing complex 3D engraving jobs out of stone blocks like a basin or a bust.

***The KT38 is a powerful 3 Axis CNC machine. The included software program is designed to facilitate the easy interaction between operator and machine, making this the ideal stone working centre.***

Designed to import and work with DXF (AutoCAD) files and "G-Code" (RS 274 machine tool programming language). The machine comes standard with 27 automatic tool change stations on a tool carousel, optionally extendable to 108.

A water centrifugal vacuum pump (LRVP) in stainless steel allows for the creation of trouble free vacuum, even if muddy water is introduced into the vacuum system.

Absolute precision of movements is guaranteed by a state of the art transmission on a linear ball guide, moved by step motors through ball screws.

Automatically calculates tool wear and accordingly makes incremental changes to the tool trajectory.

Other features include the left and right 0.3 degree spindle group rotation; allowing the machine to make polished drain boards for kitchen tops.

An optional probing laser may be mounted to automatically measure tool diameters.