

INTERMAC **Genius 37 CT**

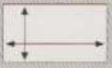

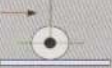
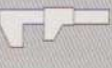


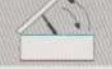



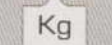
BESSE GLASS AND STONE DIVISION



ABOUT:

Genius 37 CT is the machine that redefines the standards of CNC cutting tables used for straight and shaped cutting of monolithic glass sheets – for half sheet format. The machine is controlled by a standard commercially available PC through a Windows interface, guaranteeing full connectivity and greater simplicity of use by the operator. **Genius 37 CT** is a versatile and modular cutting table that can be configured according to the customer's specific requirements.

TECHNICAL DATA GENIUS 37 CT:

Genius 37 CT		
	Dimensioni lavorabili Workable dimensions	3600x2790 mm 149.6x109.8 inch
	Spessore lavorabile Workable thickness	3 - 19 mm 0.1 - 0.7 inch
	Max velocità di taglio Max cutting speed	150 m/min, 493.1 fpm
	Precisione posizione testa operatrice Operating head positioning precision	+ - 0,15 mm + - 0,005 inch
	Ottimizzazione rettilinea e sagomata Straight and shaped optimisation	Sì Yes
	Barre di troncaggio (opz.) Breaking bars (opt.)	2+1
	Tempo di basculamento del piano (opz.) Table tilting time (opt.)	30 sec. [1 corsa] 30 sec. [1 way]
	Altezza del piano di lavoro Work table height	900 (-15,+40) mm 35.4 (-0.55,+1.4) inch
	Dimensioni per spedizione (LxWxH) Shipping dimensions (LxWxH)	5500x2275x2250 mm 216.5x89.5x88.5 inch
	Potenza installata: tav. fisso - tav. basculante (opz.) Installed power: fixed table - tilting table (opt.)	5.6 kW - 6.5 kW 7.5 HP - 8.7 HP
	Peso complessivo Overall weight	2700 Kg 5952 Lbs

GROUND WORKTABLE:

The machine bed is made by a rigid frame onto which calibrated wooden panels are fitted in order to guarantee a high grade of flatness of the working area that is necessary to obtain the best results from the glass cutting or break-off operations.

OPERATING HEAD:

Genius 37 CT are equipped with a hi-tech operating head fitted with an automatic cutting pressure control system. This mechanism controls the pressure of the cutting wheel from the very beginning to the end of the cut, automatically adjusting the pressure according to the geometry of the cutting path. The PC controlled axis speed and the high quality of all the electronic and mechanical components allow the optimisation of the cutting time, thus guaranteeing flexibility and continuity of operation.

CONTROL MACHINE:

The **Genius 37 CT** also incorporates something completely new in the field of cutting tables: the IWNC numerical control integrated in a commercial personal computer operating a Windows interface. The advantages of this solution are evident and introduce a new standard in the design of this type of machine. The use of a PC with Windows operating system is extremely simple and intuitive for the operator and provides full connectivity with commercially available network systems and optical/magnetic supports. The PC is supplied complete with CD-ROM drive, 3,5" modem and network card, 15" colour monitor and Windows XP operating system. The PC modem and tele-service software enable remote diagnostics and software updating/modification through the use of a telephone line. It's possible to connect a webcam to the PC, to save and transmit in real time instant images of some details of the machine to the Service Department

