

# IN DUPLICATION



**FLEXIBILITY**



**DESIGN**



**EASINESS**



**SPEED**



**CLEANING**



**ERGONOMICS**



**SECURITY**

***Ergonomic forms and innovative materials facilitate the duplication of cylinder, automotive and cruciform keys.***





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**KARAT**



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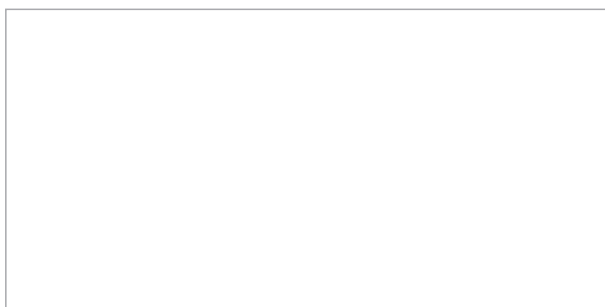


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# NEW COMFORT

*The Karat is the newest key cutting machine which emphasizes the comfort of duplication. Security, comfort, ease of use, flexibility and duplication speed are the many benefits that the user can take advantage of while also enjoying the technological features of the Karat machine.*



## THE NEWS OF KARAT

### SELECTION OF THE JAW SIDE



La selezione del lato morsetto è particolarmente semplice, veloce e comoda. Basta premere la speciale leva di sollevamento per permettere la rotazione fino alla faccia desiderata fra le 4 disponibili.

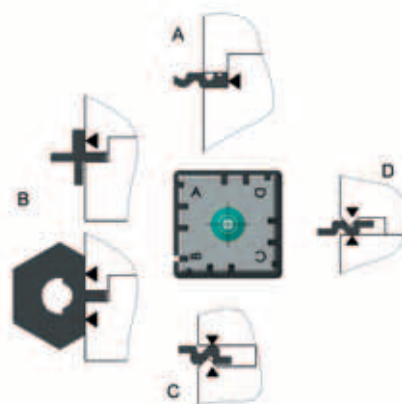


Nella versione a due facce (modello Karat), due incavi ergonomici facilitano il sollevamento del morsetto per la rotazione.

### ERGONOMIC KNOBS



The positioning phase of the keys in the jaw and its locking are easy and pleasant thanks to the ergonomic knobs, designed to limit the strength needed while locking to obtain a secure holding of the keys.



## SECURITY



The carriage is equipped with security devices purposely designed for a safe, easy and interactive release and control functions of the gauge position avoiding accidental start up of the cutter.

## CUTTING PROCESS



The cutting process represents an essential point of the key duplication. The automatic spring loading of the carriage supports an extremely easy and comfortable operation.

The sphere-shaped control lever for the lateral translation of the carriage enables a safety holding and a fluid movement purposely designed to limit the stress of the wrist torsion.



## SERVICE FUNCTIONS

### MICROMETRIC ADJUSTMENT



Karat is provided with a micrometric adjustment of the tracer enabling the user to apply a precise set up or correction of the cutting depth especially in the case of worn out keys.

### BRUSHING



The specific push button is a guarantee of security while operating the brush provided with the machine. Furthermore the hermetic construction of the protecting cover facilitates the brushing process avoiding the shavings to get in contact with the transmission mechanisms.



## CHECKING OF THE CUTS

The neon lamp effectively enlightens the working area and its support lodges a magnifying glass, ideal for the immediate visual control of the cuts.



## CLEANING

Comfort also means constant cleaning of the key-cutting machine. Karat is the first key-cutting machine to collect the shavings into a large tray which is incorporated aesthetically and functionally in the structure of the key-cutting machine.

Technical Features	KARAT	KARAT quattro	KARAT quattro W	KARAT BD	KARAT SO
<b>Dimensions :</b>					
Length	400 mm	=	=	=	=
Width	460 mm	=	=	=	=
Height (without lamp)	270 mm	=	=	=	=
Height (with lamp)	440 mm	=	=	=	=
Net weight	25 Kg	=	=	=	=
<b>Performances:</b>					
Single speed motor	0.25 KW	=	=	=	=
Voltage	230V - 50Hz	=	=	=	=
Cutter RPM	640	640	1400	640	640
Prismatic cutter	HSS 80x5x16	HSS 80x5x16	Widia* 80x5x16	HSS 80x5x16	HSS 80x5x16
Jaws in stell oxid-free	2 faces	4 faces	4 faces	4 faces (special for Bricard* keys)	2 faces (special for Sofer* keys)
Lifting jaw lever	-	Yes	Yes	Yes	-
Tracer	Standard	Standard	Standard	Specific	Standard
Brush	Tynex	=	=	=	=
Lamp	Neon	=	=	=	=

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