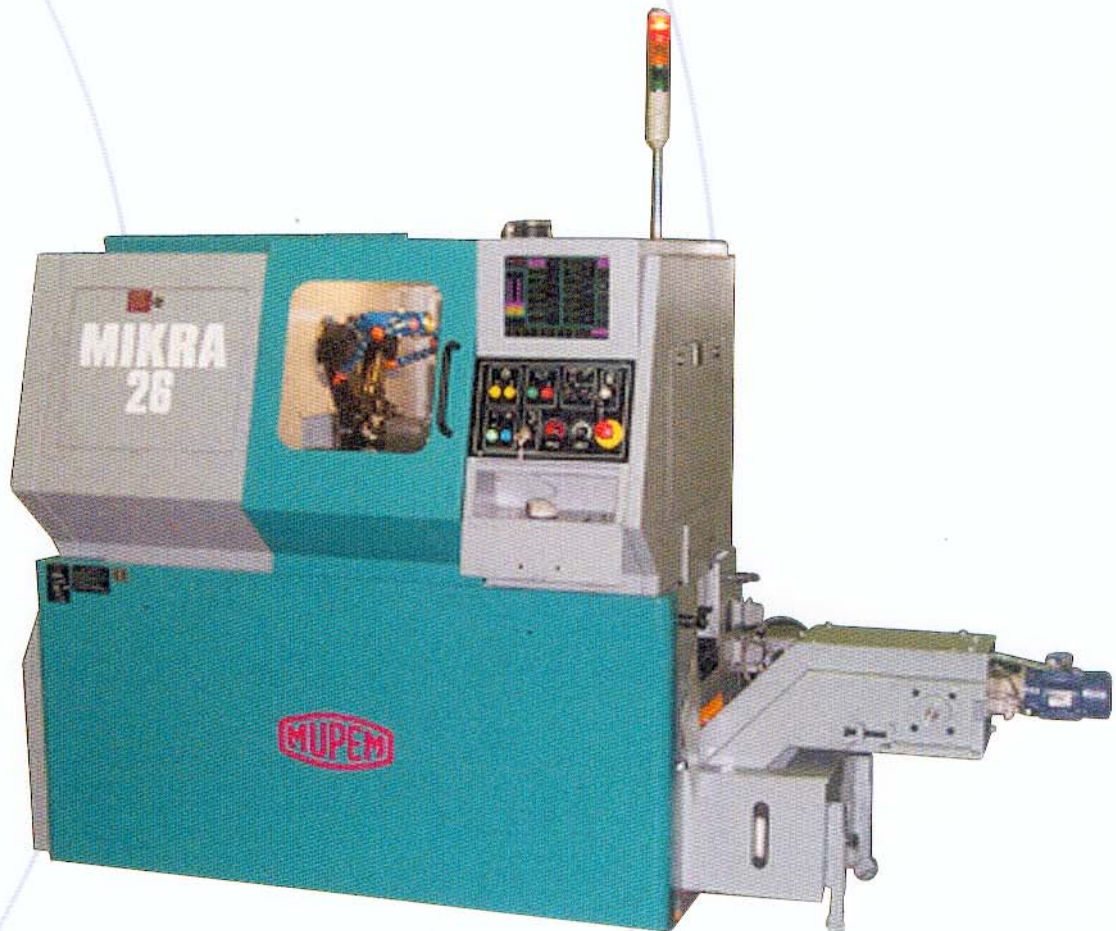




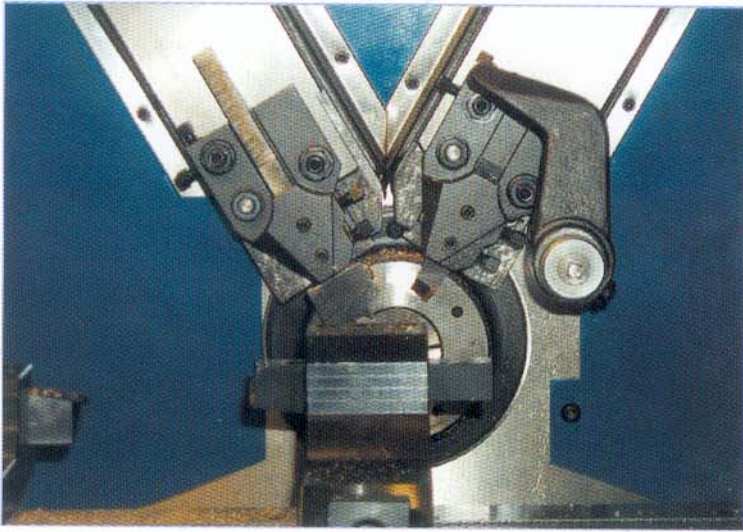
MUPEM



MULTISLIDES CNC LATHES

MIKRA 16/26/36

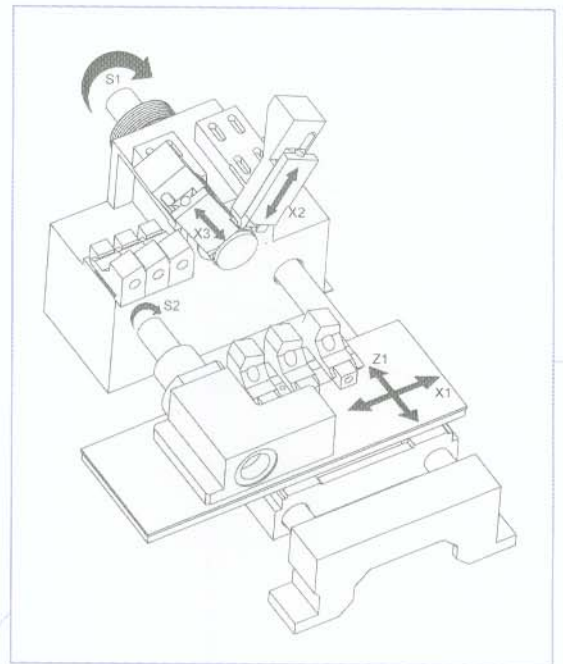
- *Two vertical slides...*
- *Cross slide with movement along the X and Z axis...*
- *Static or rotating toolholders...*
- *Possibility to fit a synchronous subspindle with a second operations unit...*
- *Programming through an optical mouse...*



Two vertical slides travelling 35 mm with toolholder for 12 x 10 mm blades. Fitted with an independent bar stopper driven by a pneumatical cylinder.

Posibility to have up to four static toolholders on the cross slide.

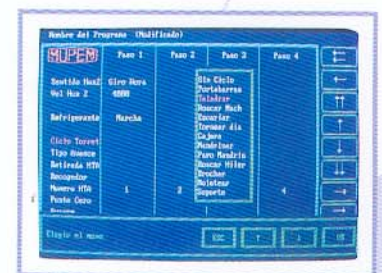
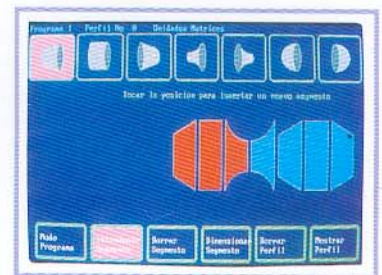
We may also fit, besides the static or rotating tools, a synchronous subspindle in order to catch the part which, once it has been cut off, may be finished on one of the toolholders on the second operations unit.



CONTROL

With MUPEM's exclusive control, the operator builds a program by the means of an optical mouse. Each step drives the operator through the programming by using a menu system which shows the operator the available options, relative to the job he wants to carry out. The communication between the operator and the control is achieved in the previously set language. The screen only shows the necessary options regarding the current step of the program, avoiding unwanted mistakes. The operator only needs to click on the desired option, this way he only pays attention to the screen, having a quicker and safer programming. It's possible to programme the machine from an outer PC via RS -232.

This menu system is completed with a CAD system to draw the part on the screen, along with a tool offset array and the possibility to save your different programs either in the hard drive or in a floppy disk.





HEADSTOCK	MIKRA 16	MIKRA 26	MIKRA 36
Round bar maximum capacity (mm)	16	26	36
Spindle speed	8500	6000	4500
MAIN OPERATIONS	MIKRA 16	MIKRA 26	MIKRA 36
Operation's type	Asynchronous A.C. operations with continuous speed variation		
Standard power 100/50 % ED.	3		
VERTICAL SLIDES	MIKRA 16	MIKRA 26	MIKRA 36
Maximum stroke	35 mm		
Longitudinal manual adjustment	30 mm		
X-Z CROSS SLIDE	MIKRA 16	MIKRA 26	MIKRA 36
Number of tools	4		
Toolholders bore diameter	25,4 mm (1")		
X axis maximum stroke	190 mm		
Z axis maximum stroke	160 mm		
Quick displacement speed	30 m/min		
DRIVEN TOOLS (OPTIONAL)	MIKRA 16	MIKRA 26	MIKRA 36
Number of tools	4		
Engine power			
Maximum speed	6000 rpm		
SYNCHRONOUS SUBSPINDLE	MIKRA 16	MIKRA 26	MIKRA 36
Collet diameter	16 mm	26 mm	36 mm
Engine power	1,3 kw		
Speed	Synchronized with the main spindle		
SECOND OPERATIONS UNIT	MIKRA 16	MIKRA 26	MIKRA 36
Needs synchronous subspindle			
Number of positions	2		
COOLING SYSTEM	MIKRA 16	MIKRA 26	MIKRA 36
Tank capacity	60 ltr		
Flow	30 ltr/min		
Pressure	1,5 bar		
MACHINE'S DIMENSIONS	MIKRA 16	MIKRA 26	MIKRA 36
Needed area	2580x1400 mm		
Approx. net weight	1400 kg		



ITZIAR FACTORY

TECHNICAL DEPT.



TRAINING ROOM



COMMERCIAL OFFICES



METROLOGY AND CONTROL



VIEW OF THE WORKSHOP



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