

## List of main machine tools

### ZAYER 60 KCU 18000

Vertical stroke Y	5.000 mm
Horizontal stroke X	18.000 mm
Transverse stroke Z+W	1.500+1.000 mm
Power at spindle	60 kW
Spindle rotation speed	3.000 rpm
Automatic changeover of the following heads	
5-axis Twist head	Robotized power head
Automatic universal head	Managed by RCTP
L section head	200x200 ,900 mm long
200 mm boring bar, with 1000 mm stroke	
RENISHAW RMP 60 probe	Geometric measurements on piece
BLUMM laser system	Tool geometry presetting and control
4mx4m rotary table with 50 ton capacity	
Magazine with automatic tool change capability	60-pocket

### ZAYER 30 KCU 10000 AR

Vertical stroke Y	3,500 mm
Horizontal stroke	X10,000 mm
Transverse stroke Z+W	1,250+750 mm
Power at spindle	37 kW
Spindle rotation speed	4,000 rpm
Head range:	
Automatic universal head	Managed by RCTP
L section head	200x200, 900 mm long
2mx4m rotary table with 20 ton capacity	
Magazine with automatic tool change capability	30-pocket

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### S.Rocco CNC boring machine with tool changer

X axis	2,000 mm
Y axis	1,500 mm
Z axis	700 mm
Boring bar diameter	110 mm
Stroke	550 mm
Continuously revolving table	1100 x 1300 mm

### SECMU CNC milling boring machine

X axis	2,000 mm
Y axis	1,100 mm
Z axis	750 mm

### OERLIKON CNC machining centre

X axis	1.200 mm
Y axis	800 mm
Z axis	800 mm

### CMT CNC lathe

X axis	320 mm
Y axis	1.500 mm

The machines listed above are connected to a CAM TOOL 2000 by NC PROGRAM.  
Three-dimensional CAM software by NC PROGRAM, type SMART CAM 3, is also available.  
In addition to the foregoing, OCSAM's machine range includes:

- TANGENTIAL GRINDERS
- PRECISION LATHES
- RADIAL DRILLS
- SWAGING MACHINES