



LIST OF MACHINES

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LIST OF MACHINES
MILLING AND BORING MACHINES
**FPT BORING MACHINES
"M-ARX"
CNC HEIDENHAIN TNC 530**


Spindel Ø 160 + RAM	Axes Z+V	1.200 + 900 mm
Vertical head stroke	Axes Y	4.000 mm
Horizontal column stroke	Axes X	8.000 mm
Rotating-sliding table	Axes W+B	360.000 div/1°+ 2.500 mm
Table capacity		50.000 Kg
"D'ANDREA HEAD" "UT630"	Axes U	Ø max 1.600 mm
Universal index head by NC		
60 tools exchanger		

* Accessories:

Vertical divider "RUCKLE" NC Axes A

Vertical divider "DELKEN" DCNO Axes A

**PAMA BORING MACHINE
"SPEEDRAM 2"
CNC ECS 4801**


Spindel Ø 150 + RAM	Axes Z+V	700 + 850 mm
Vertical head stroke	Axes Y	3.600 mm
Horizontal column stroke	Axes X	12.000 mm
Rotating-sliding table	Axes W+B	360.000 div/1°+ 2.300 mm
Table capacity		30.000 Kg
"D'ANDREA HEAD" "UT800"	Axes U	Ø max 1.600 mm
Universal index head by NC		

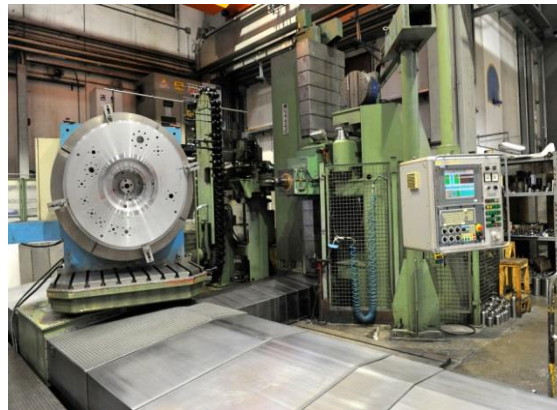
* Accessories:

Vertical divider "RUCKLE" N.C Axes A

Vertical divider "DELKEN" N.C Axes A

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**PAMA BORING MACHINE
"SPEEDRAM 2"
CNC HEIDENHAIN TNC 530**


Spindel Ø 160 + RAM	Axes Z+V	1.700 mm
Vertical head stroke	Axes Y	4.000 mm
Horizontal column stroke	Axes X	11.000 mm
Rotating-sliding table	Axes W+B	360.000 div/1°+ 3.000 mm
Table capacity		45.000 Kg
"D'ANDREA HEAD" "UT630"	Axes U	Ø max 1.600 mm
Universal index head by NC		
95 tools exchanger		
* Accessories:	Vertical divider "RUCKLE" N.C Axes A	
	Vertical divider "DELKEN" N.C Axes A	

**INNSE machining centre, mod.
"ZENITH 1"
CN ECS 2601**


Spindel Ø 130	Axes Z	500 mm
Longitudinal, column	Axes W	2.500 mm
Rotating-sliding table	Axes X+B	360.000 div/1°+ 4.000 mm
Vertical head stroke	Axes Y	2.000 mm
Table capacity		15.000 Kg
"D'ANDREA HEAD" "UT500"	Axes U	Ø max 1.200 mm
Head, 90°	Axes C	360 div./1°
Universal index head by NC		
60 tools exchanger		
* Accessories:	Vertical divider "RUCKLE" N.C Axes A	
	Vertical divider "DELKEN" N.C Axes A	



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*** Characteristics of the divider which may be used on the boring machines:**

Vertical divider "RUCKLE" NC x **360.000 div/1°**

- facing head diam. **1600 mm**
- bearing capacity without support **8 t.**

Vertical divider "DELKEN" DNCO 75 x **360.000 div/1°**

- facing head diam. **800 x 800**
- bearing capacity without support **2,5 t.**

LIFTING EQUIPMENT

N1	80 t overhead travelling cranes
N 3	40 t overhead travelling cranes
N 2	26 t overhead travelling cranes
N 3	10 t overhead travelling cranes
N 4	5 t overhead travelling cranes

LIST OF MACHINES
TURNING SECTION
VERTICAL LATHES

**Turning and milling center PIETRO
CARNAGHI
AC 65 TM-6000
CNC SIEMENS 840 D**



Maximum turning diameter	mm	6.800
Table diameter	mm	6.000
Maximum turning height	mm	5.000
Capacity	Kg	200.000

* Accessories:

- Turning and milling equipment
- Turning and milling square head
- Tool hangar 24 places
- Vertical grinding equipment

**Vertical Lathe TITAN
CNC FAGOR 8055**



Maximum turning diameter	mm	3.400
Table diameter	mm	3.000
Maximum turning height	mm	2.200
Capacity	Kg	18.000

* Accessories:

- Vertical grinding equipment GAMFIOR

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LATHES
**Lathe TACCHI HD/3 140H
CNC ECS 4802**


Maximum turning diameter	mm	2.000
Maximum diameter on tool cart	mm	1.600
Maximum length	mm	20.500
Capacity	Kg	40.000

* Accessories:

Support with a milling head
 Support for heavy boring machines
 Double blade support for heavy turning
 Axes C
 Axes Y

**Lathe TACCHI HD/3 105H
CNC SIEMENS 840 DE-SL**


Maximum turning diameter	mm	1.600
Maximum diameter on tool cart	mm	1.200
Maximum length	mm	15.00
Capacity	Kg	16.000

* Accessories:

Support with a milling head
 Support for heavy boring machines
 Double blade support for heavy turning
 Axes C
 Axes Y

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Lathe MERLI CLOVIS 50



Maximum turning diameter	mm	1800
Maximum diameter on tool cart	mm	1300
Maximum length	mm	16.000
Capacity	Kg	15.000