

CNC Turning, milling and grinding center  
 CARNAGHI  
 AFT 16 TM/ SH  
 Total Rebuilt Machine

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| Serial number.....                                        | 96465           |
| Year of manufacture.....                                  | 1995            |
| CNC control: Manufacture.....                             | SINUMERIK       |
| Model.....                                                | 840 C           |
| Technical specifications of machine:                      |                 |
| Face plate: Diameter.....                                 | 1000 mm         |
| Number of jaws.....                                       | 4               |
| Turning diameter.....                                     | 355-1600 mm     |
| Swing diameter max.....                                   | 1650 mm         |
| Centre bore: Diameter.....                                | 100 mm          |
| Turning height.....                                       | 1100 mm         |
| Table load.....                                           | 3000 kg         |
| Range of spindle speeds, inf. variable: From - up to..... | 5-800 rpm       |
| Motor power.....                                          | 60 KW           |
| Working range:                                            |                 |
| X axis: Longitudinal travel.....                          | -1010/+1010 mm  |
| Z axis: Vertical travel.....                              | 1250 mm         |
| C-Axis: Table rotating.....                               | 360 degrees     |
| Vertical travel of ram.....                               | 600 mm          |
| Ram:                                                      |                 |
| Size: Width x Depth.....                                  | 250x300 mm      |
| Tool cross section.....                                   | 40x40 mm        |
| Tool holder.....                                          | KM63            |
| Drive motor.....                                          | 31 KW           |
| Milling:                                                  |                 |
| Milling spindle speeds: Inf. variable from - up to.....   | 10-3000 rpm     |
| Tool holder.....                                          | KM63            |
| Moment of torsion: Max.....                               | 1000 Nm         |
| Power max.....                                            | 31 KW           |
| Feeds:                                                    |                 |
| Axis-X.....                                               | 0.1-3000 mm/min |
| Axis-Z.....                                               | 0.1-3000 mm/min |
| C Axis.....                                               | 0.01-4.0 rpm    |
| Cross rail.....                                           | 480 mm/min      |
| Rapid movements:                                          |                 |
| X axis: Longitudinal travel.....                          | 10000 mm/Min    |
| Z axis: Vertical travel.....                              | 10000 mm/Min    |
| C Axis.....                                               | 4.0 rpm         |
| Tool changer:                                             |                 |
| Number of tools.....                                      | 1               |
|                                                           | 40              |

798 Technical specification

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Tool changer:

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For:

Milling heads ant grinding heads.

|                              |                    |
|------------------------------|--------------------|
| Current voltage.....         | 400 Volt           |
| Total power requirement..... | 196 KW             |
| Size of installed machine:   |                    |
| Widht x Depth x Height.....  | 12500x7200x6755 mm |
| Weight of machine.....       | 35000 Kg           |

Accessories and equipment:

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Chips conveyor:

Coolant with paper clarifier.

Lots of others accessories.

Technical details and information are not binding.