

LATHE: Technical Characteristics

The Lathe can be performed on all type of ISAC CNC by means of the option software for Lathe.

Here below there is a description of main and exclusive characteristics of LATHE CNC. For further information on ISAC product please see the General Catalogue.

Axes Management


- **Control of auxiliary axes** for movement of the piece supports: **“Rest”** (“Lunetta”) and **“lathe centres”** (“contropunta”) (Lathe).
- **Automatic speed adjustment** according to the **previously selected** type of **control** and to the **axis X** (lathe).
- **Control of a secondary spindle for drilling cycles** (Lathe).

Tool Management

- **Radius vectorial compensation for lathe tools in one of the 9 planes or quadrants available.**
- **Control of two turrets** (Lathe).

Turning cycles

- Thread with fixed and variable (increasing/decreasing) pitch.
- Cylindrical, conic and frontal thread.
- Thread macro to execute all types of standard and customized threads with one or more starting point (beginning).
- Roughing macro for square profiles.
- Roughing macro “with following to profile” (for complex profiles)
- Macro for the machining of grooves.

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