

# SIMPLE VISION

The new SIMPLE VISION control is designed and developed entirely by SPERONI and it offers the right solution for whatever need within tool measurement and management.

THE NEWLY DESIGNED GRAPHIC INTERFACE MAKES SIMPLE VISION THE MOST INTUITIVE AND EASY TO USE CONTROL ON THE MARKET TODAY.

The automatic Run-Out, MaxP, Comparator, Base Post Processor and the top level Tool Database are only some of the functions included in the SIMPLE VISION control. The online help function further aids operator usage.

# HIGHLIGHTS

- SINGLE SCREEN GRAPHIC INTERFACE
- AUTOMATIC MEASURING GRID
- STANDARD 45X EXTENSION
- OVER 150 MEASUREMENT MACRO INSTRUCTIONS
- TOOL MANAGEMENT FOR 1000 TOOLS
- ADAPTER REFERENCE MANAGEMENT
- PRINT MANAGEMENT
- RUN-OUT AND COMPARATOR FUNCTIONS
- MAXP FUNCTION
- FULL SCREEN FUNCTION (120X)
- BASE POST PROCESSOR
- BACKUP FUNCTION



## 150 STANDARD ICONS

Over 150 specific icons available, allowing the precise, immediate and automatic measurement of a wide variety of cutting tools.

## TOOL AND ADAPTER MANAGEMENT

Integrated database managing up to 1000 tool groups and relative theoretical values/tolerances. The efficient management and control of origins allows an automatic check of the zero point, which helps avoid collisions or machine interruptions.

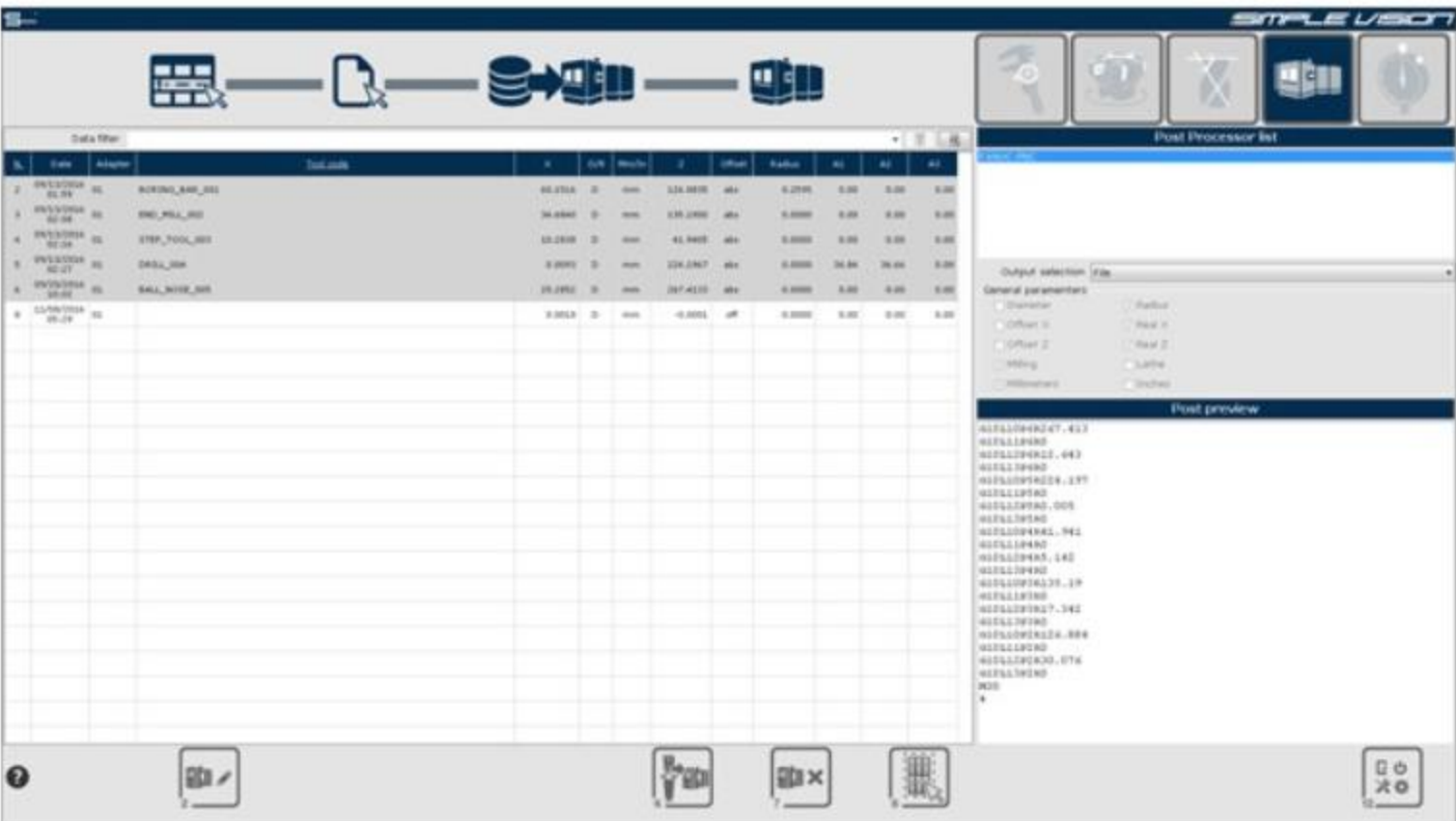


## RUN OUT FUNCTION

The automatic Run-Out function is the simplest and fastest way to determine the tool's measures, without needing specific programming. The Autofocus spindle option allows measuring and presetting tools accurately and automatically.

## POST PROCESSOR

The integrated Post Processor allows the automatic elaboration of the offset file of each measured tool and its transfer to the numeric controls of machine tools through network connection, FTP server, USB device etc. to eliminate chances of error.





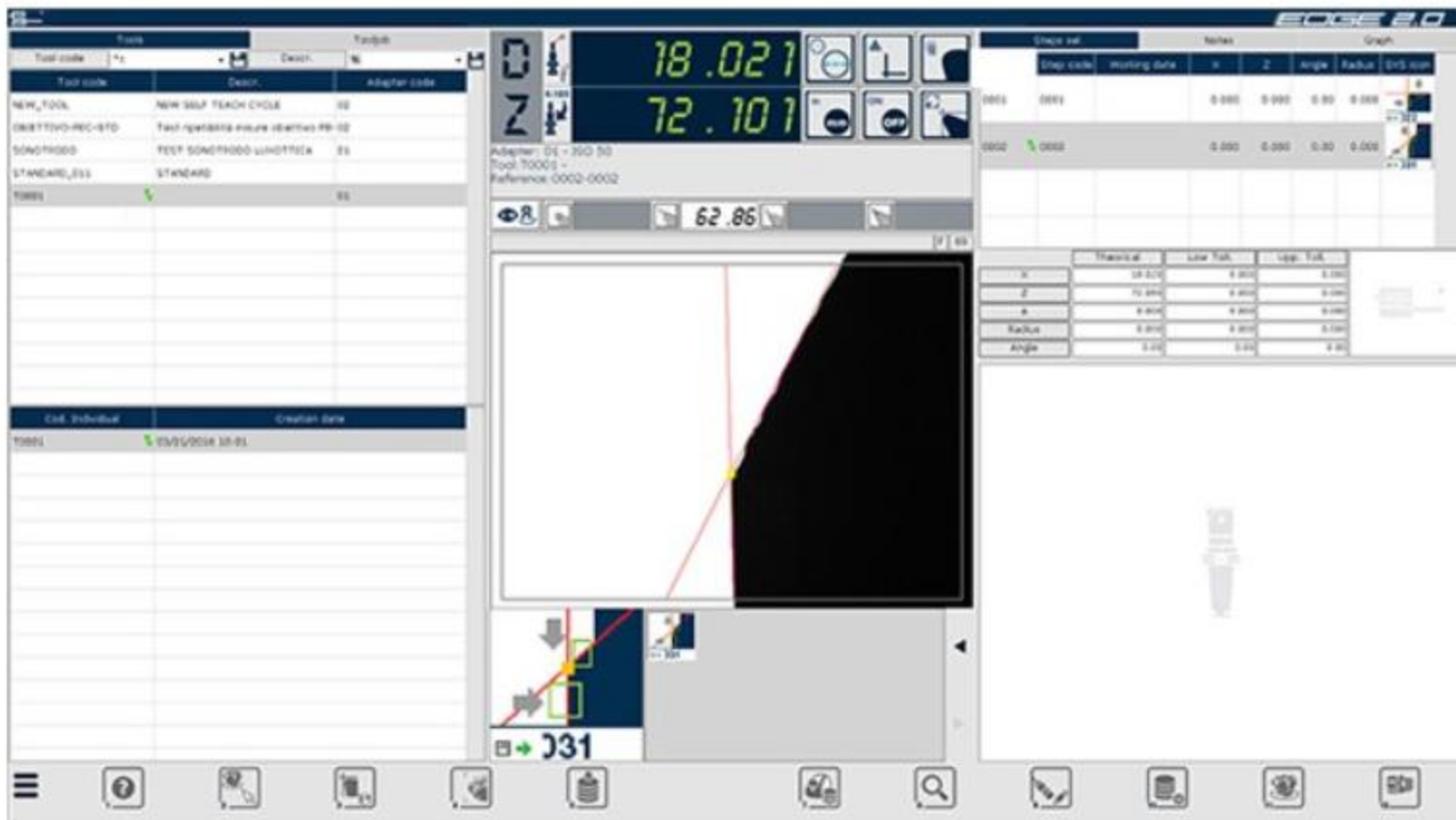
## EDGE 2.0

### UPGRADE AND INTEGRATIONS

EDGE 2.0, the new image processing and control unit, allows the upgrade to tool management, user management and integration with CAM interface.

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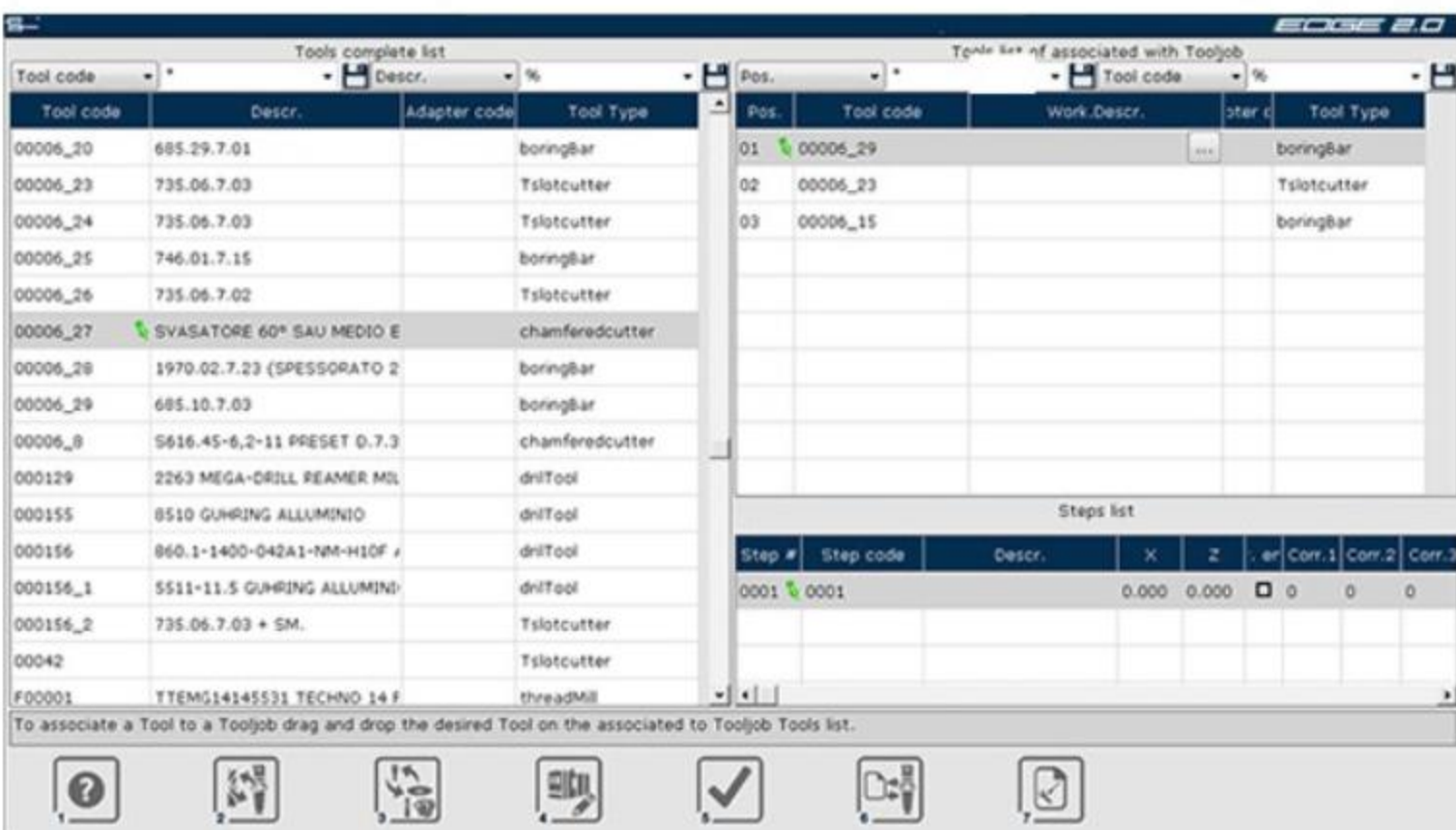


### DATABASE PROGRAMMING STEP-BY-STEP

Catalogues and programs all your tools in just a few seconds, on and offline, through the EDGE 2.0 RDL system.

### TOOL LIST AND USER MANAGEMENT

Management of tool lists specifically necessary for production cycles on machine tools. Multi-user access: it is possible to implement a specific user ID and password with its relative access level.



### REPORTING

Rapid and updated traceability of all operations carried out on the tool presetting and measuring system.

### CONNECTIVITY

The EDGE 2.0 control can implement RFID solutions for optimal tool management and data transfer at any time.

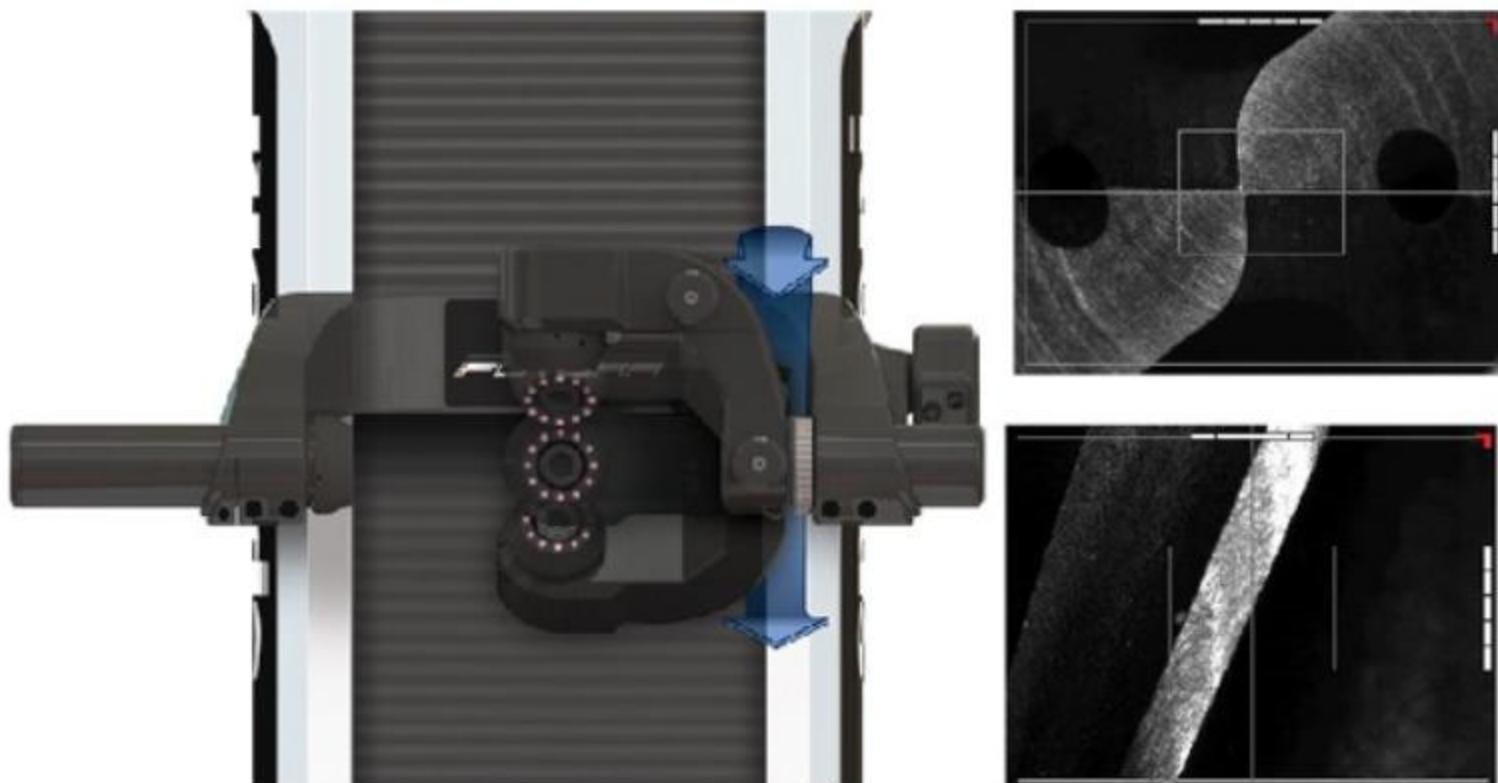


### FRONTAL CAMERA MANAGEMENT

The fixed central camera, complete with LED episcopy, together with the SEF – Speroni Edge Finder function – allows the presetting and measurement of the transversal "off-center" position of the cutting edge.

### PIVOTING CAMERA MANAGEMENT

The pivoting camera, complete with episcopy, allows the measurement of the cutting edge's geometric parameters. This integrated device makes inspection possible during normal tool measurement, without additional setups.





# EDGE PRO

The new EDGE Pro control and image elaboration unit is available on manual and automatic NC systems. The integrated database allows management of components, tools, tool lists, zero points and adapters.

WITH THE NC AXES, EDGE PRO'S SIMPLE INTERFACE ALLOWS THE AUTOMATIC MEASUREMENT OF ALL YOUR TOOLS.

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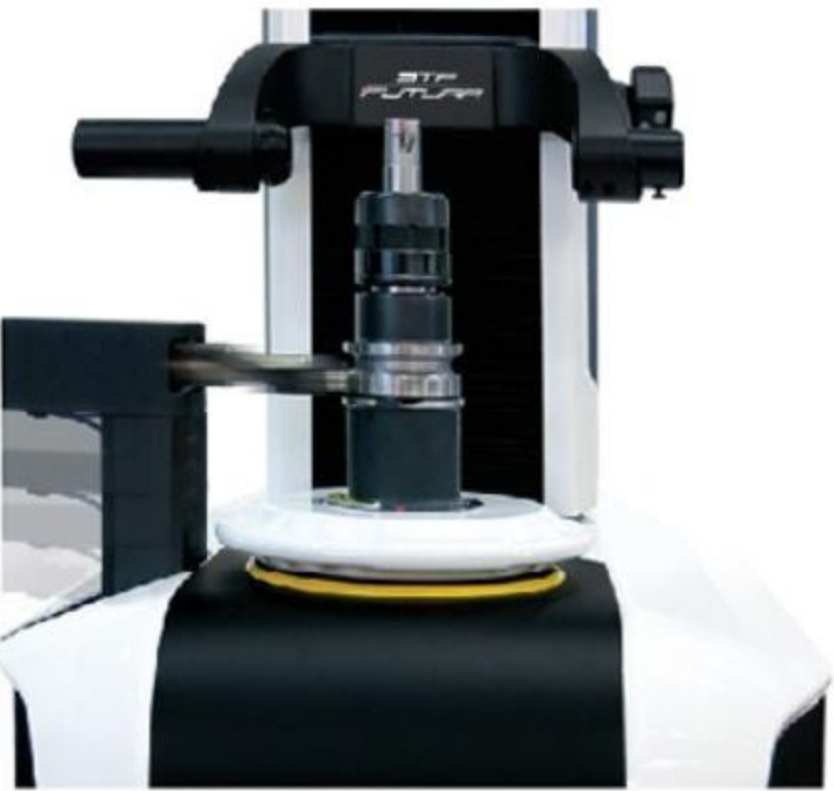
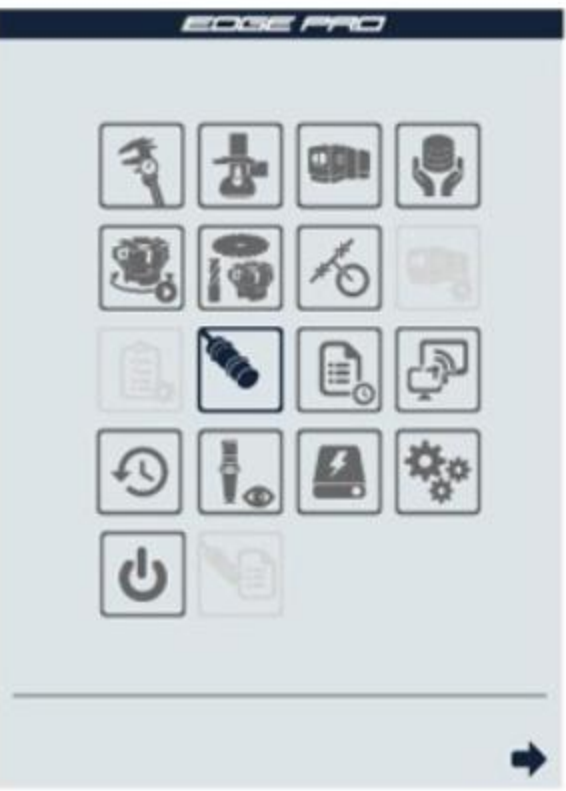
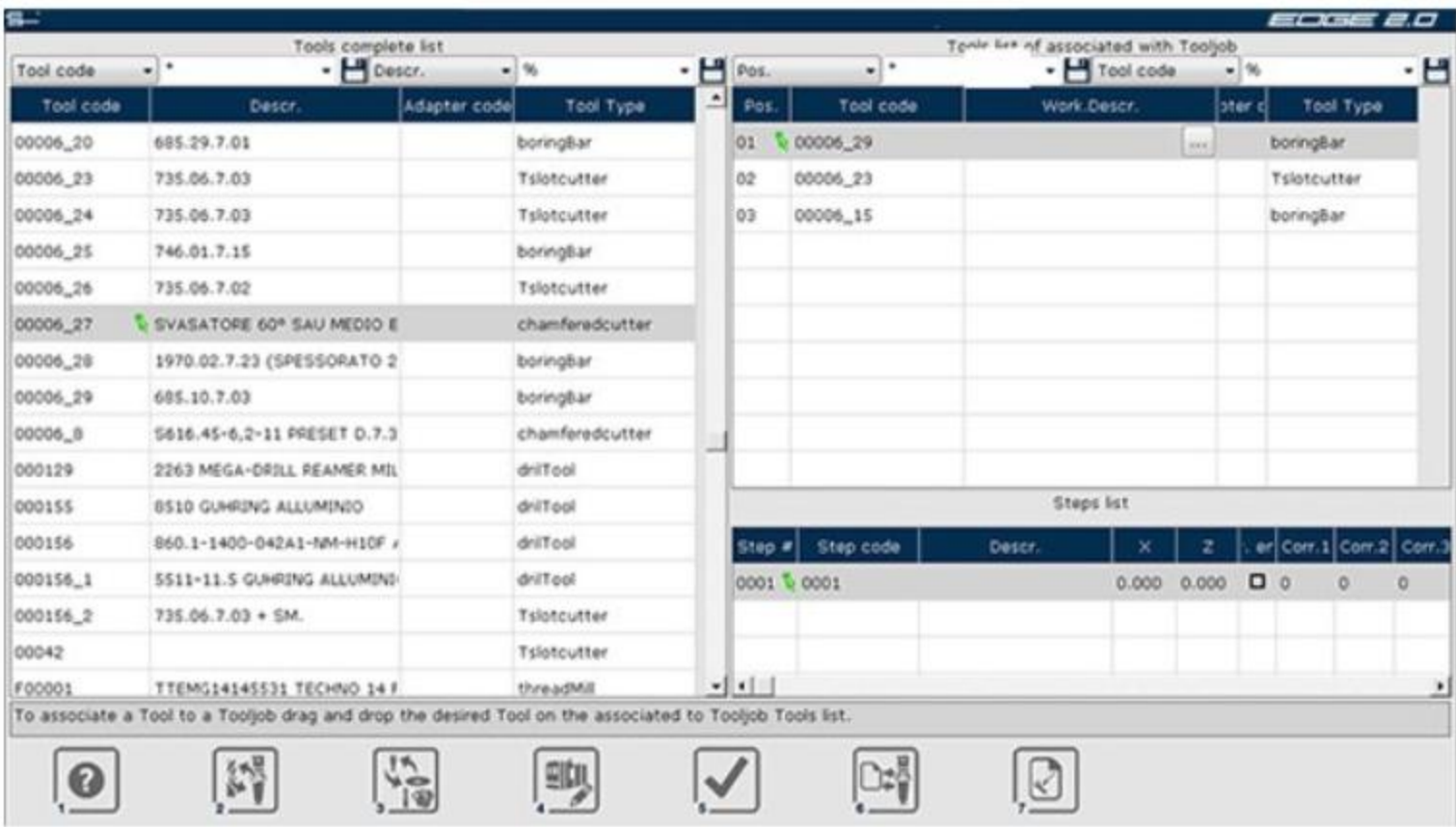


## SELF-LEARNING

EDGE Pro's integrated self-learning functions allow a simple, complete and intuitive programming of complex tools, as well as the elaboration of a detailed and completely personalized inspection certificate.

## 3D REPRESENTATION

Automatic measurement and 3D representation of the acquired characteristics.



## TOOL IDENTIFICATION

Highly customizable and modular, integration with all available systems such as Balluff®, Pepperl & Fuchs®, Bilz® etc. The system positions itself and automatically reads information from the chip.