

# grind SELECT

... define your success





## grind SELECT

User-friendly software

With the purpose of creating a grinding system based on geometry, intuitive and with a new architecture, we exploited all our experience and employed considerable resources. The main features of grindSELECT, the LIZZINI WALLRAM GRINDTEC new grinding software, are user-friendly flexibility and efficiency.

- define your success.



## grind SELECT

Simple – clear – safe

GrindSELECT offers a simple architecture, and guides to the grinding process through a guided navigation. During the whole process the connection among parameters is clearly proposed.

Thanks to this program you can control all the most relevant parameters such as rough pieces, the clamping system, contours, geometry, grinding operations and grinding wheels. GrindSELECT will give a real-time answer to every request.

[grindSELECT – a software re-defined.](#)



Choice of the function such as rough piece, clamping system etc...

Insert instructions and contents to the operator

## SIMULATION AND VISUALIZATION

In addition to the visualization of every function, grindSELECT offers four different simulations:

1. real-time grinding on rough piece
2. rough piece positioning simulation in the machine
3. simulation of stock removal
4. process simulation; every data is taken by the machine control and then edited as 3D

**We follow our tradition – with a clear view of the future.**



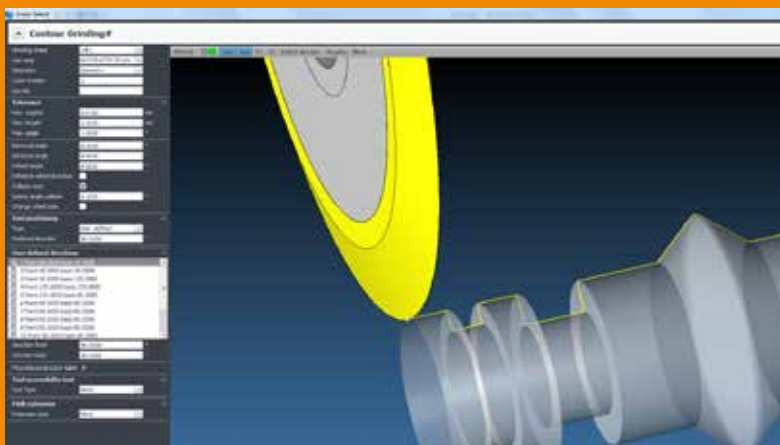
The contour can be defined also through CAD system

Definition of the working sequence

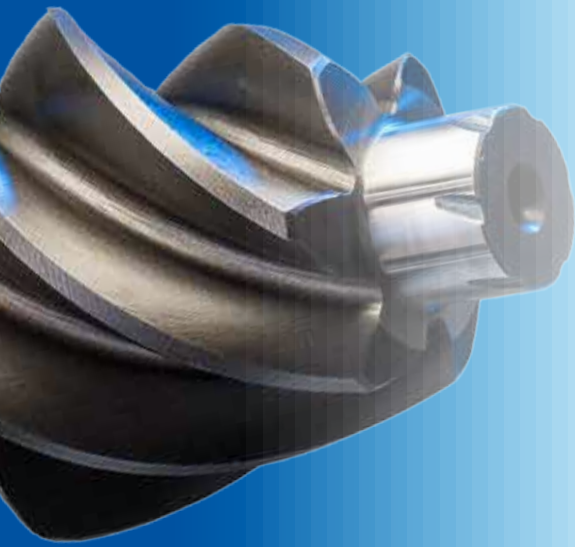
Technologic data determination

Grinding wheels management

Clear visualization





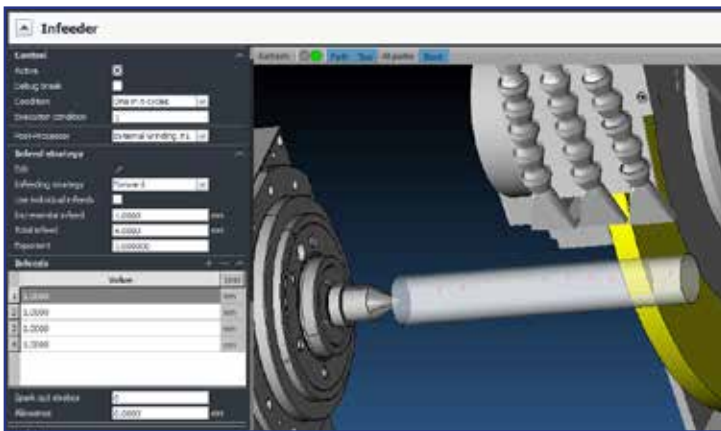


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## For flexible utilisation

With grindSELECT you hold in your hand an innovation allowed by new technologies as multi-process calculators or multi-threading (different calculations during a single process). Flexibility and the modular construction allow the customization to the corresponding production process and error tracking.

## Visualization - control - production



### TECHNOLOGY:

- ▶ choice of grinding technology, plunge, multiple plunge, oscillation
- ▶ input of technical datas, technological parameters, messages, % visualization spindles employment

### GRINDING WHEELS MANAGEMENT:

- ▶ grinding wheels definition and choice for the rough piece and for the global process





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powered by **multigrind<sup>®</sup>**  
**horizon**

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