

Apparatus for processing an object



Business need

Conventional machine tools adopt a layout that limits the possibility of compensating for errors and inaccuracies during machining. This is due to a non-optimal relative movement between the spindle and the workpiece table.



Solution overview

Innovative patented solution for the definition of the machine layout and its control, it introduces an additional degree of freedom into the machine architecture, allowing the optimisation of machining. The solution can be applied not only to newly designed machines but also to existing ones.



Key benefit

- Compactness and efficiency (increased machining space available for the same size).
- Increased quality (precision, finish, minimisation of errors, ...)
- Reduced processing times
- Versatility (types of parts that can be produced)

Contacts

antonio.caputi@unibg.it

davide.russo@unibg.it

Target

Tooling machines

Additive manufacturing

Development phase

0. Pre-seed

1. Research

2. MVP Testing

3. Patent request

4. Industrial scale-up

5. Ready for market launch

Keywords

Tooling machines

Mechanics

Additive manufacturing

3D



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