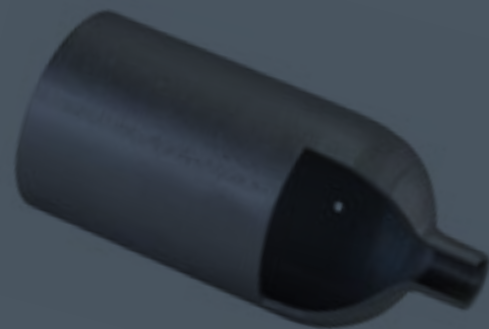
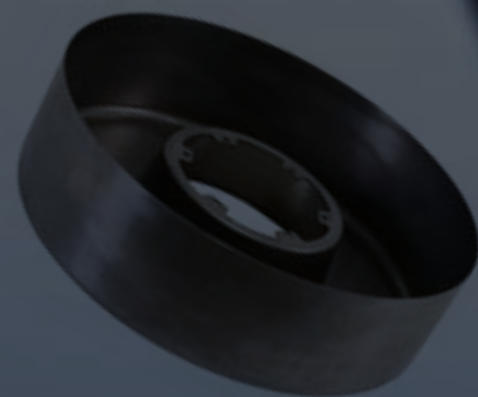


ZANI SPINNING LATHES,
FLEXIBLE SOLUTIONS
AND DYNAMIC SECTORS.



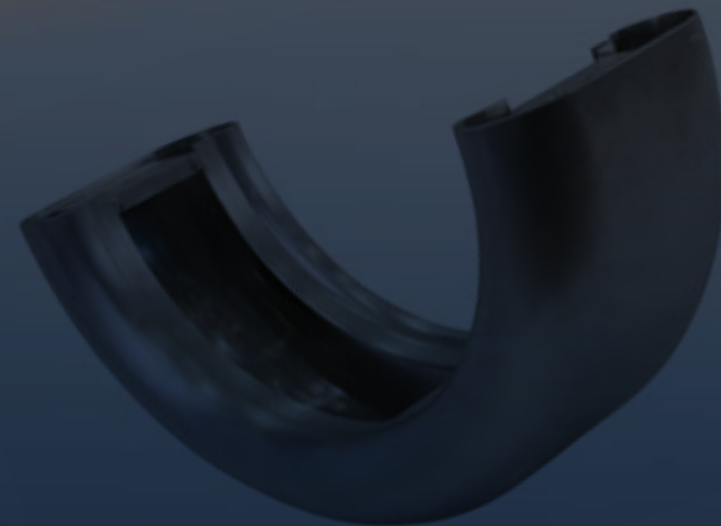
-  Aerospace
-  Automotive
-  Military/Defense
-  Agriculture
-  Energy
-  Medical
-  Furniture
-  Lighting
-  Housewares
-  Music
-  Construction
-  Architecture



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SPINNING LATHES



OUR INNOVATION.
FOR YOUR VALUE.



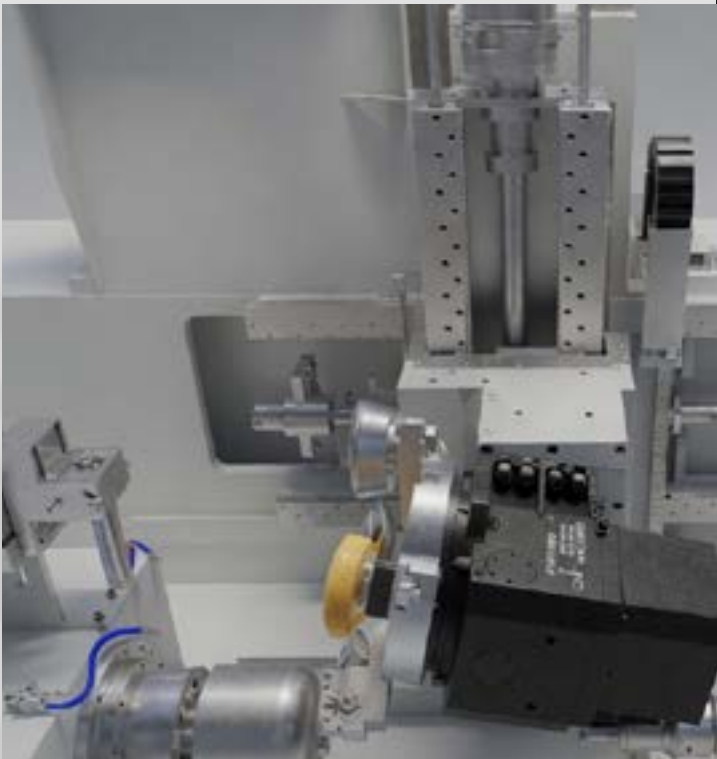
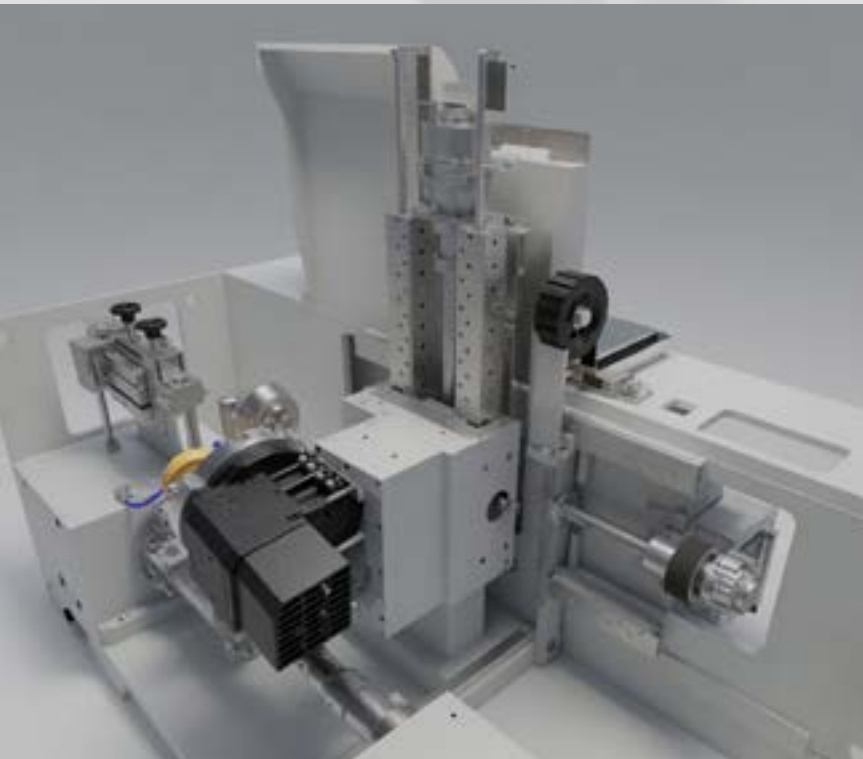
ZANI S.P.A.
Metal Forming Machines

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EXPERIENCE
LOOKING TO THE FUTURE

PROCESS INTELLIGENCE: THE ZANI DIGITAL CORE



THE INTELLIGENCE DRIVING YOUR PRODUCTION

Computing power meets workshop expertise. The control system of the **SPIN MASTER** series transforms the complexity of metal forming into a fluid, automated, and easily manageable process. We offer more than just a machine; we deliver a software ecosystem capable of evolving with your production requirements.

Integrated Programming Methods

- **Auto-Learning (Replay)**
Ideal for replicating the craftsmanship of an expert operator with extreme fidelity, allowing a seamless transition from the first-off piece to mass production in record time.
- **ISO Code**
For maximum creative freedom and total integration with standard workflows of the modern mechanical workshop.

Advanced CAD-CAM Module

Available both on PC and directly integrated on board the CNC, our user-friendly graphic environment allows operators to simulate and validate every cycle before the tool touches the material, eliminating scrap and reducing time-to-market.

Towards Artificial Intelligence

The new **SPIN MASTER** series integrates predictive analytics algorithms. The software monitors machining parameters in real time, suggesting optimizations for feed rates and forming pressure, thereby ensuring superior tool longevity and consistent surface finish across every batch.

Dynamic Flexibility:

Thanks to the modularity of ZANI's software, production cycles can be modified even while machining is underway, enabling rapid product variations without the need to reprogram the entire sequence.

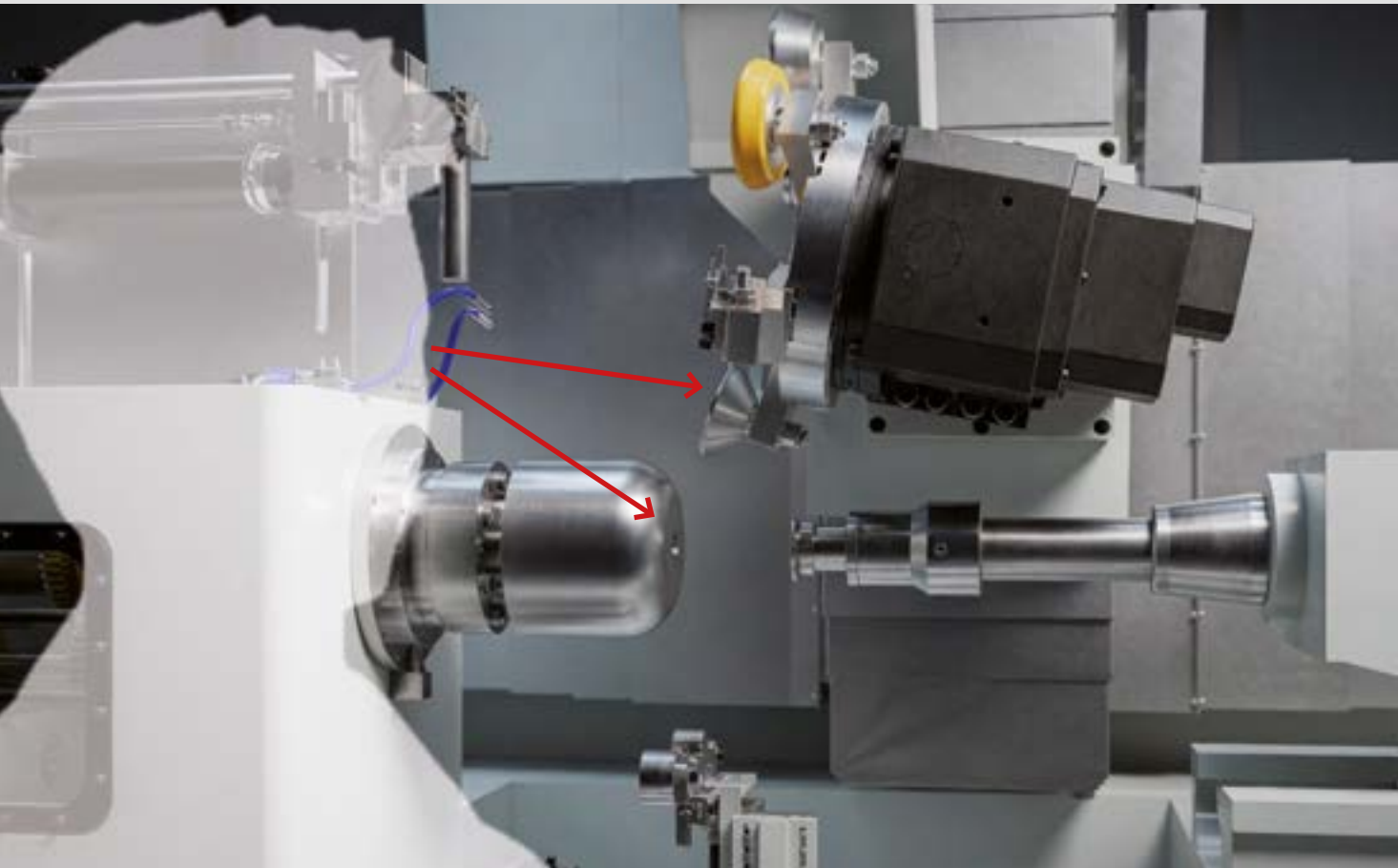


OUR STRENGTHS

- Vertical slides
- Excellent visibility and control of the process by the operator
- Recirculating ball screws
- High precision
- Rigid, robust, and compact structure
- Greater safety for the operator
- Easy application of smoke suction systems (less environmental pollution)



MECHANICAL ARCHITECTURE: RIGIDITY AND ADVANCED EFFICIENCY



THE POWER OF COMPACT PRECISION

The new **SPIN MASTER** series redefines structural rigidity standards in the metal spinning sector. Thanks to a design based on opposed **vertical slides**, we have achieved an optimized load distribution that eliminates vibrations, even under the most severe stresses typical of heavy-gauge forming.

Ergonomics and Visual Control

The vertical slide configuration not only optimizes mechanics, but also grants the operator superior visibility and a direct, constant control over the working area. This layout simplifies real-time cycle monitoring, allowing prompt interventions and safer management of the production process.

Structural Rigidity

The high-inertia monolithic bed ensures constant stability, guaranteeing tight, centesimal tolerances maintained over time-essential for critical applications in the aerospace and automotive industries.

Space-Saving Design

The vertical architecture is a key logistical asset: maximum production efficiency is enclosed in a compact layout, reducing the machine's footprint and facilitating integration into automated production lines (work cells).

Thermal Stability

The geometry of the slides is engineered to minimize thermal expansion, ensuring that part repeatability remains consistent from the beginning to the end of the shift.

