

F100

The future of precision and performance



FIDIA 

F100

The perfect solution for every need. With its modular design and full customization, it adapts to any machine with unmatched flexibility.

IEC61131-3 compliance, advanced drives and intuitive programming ensure top performance.

Take your production to the next level with the precision and power of Fidra F100.



- › Configurable display and console
- › Headless configuration
- › Red backbone for expansion
- › Modular combination button panel
- › EtherCAT
- › Other protocols - connectivity
- › Legacy FFB and AUCOL support
- › Configuration and programming environment - IEC 61131



- › From 1.5A to 300A
- › Small footprint in EC
- › Bi-Axis and Tri-Axis
- › Regenerative Power Supply
- › Single Cable support
- › Digital encoders



- › Same V6 algorithms for CNC and Look Ahead
- › Transparency for the operator – Same UI
- › Gantry – Tandem – Axis configuration in continuity with the past
- › Speed and quality of 3D profile milling



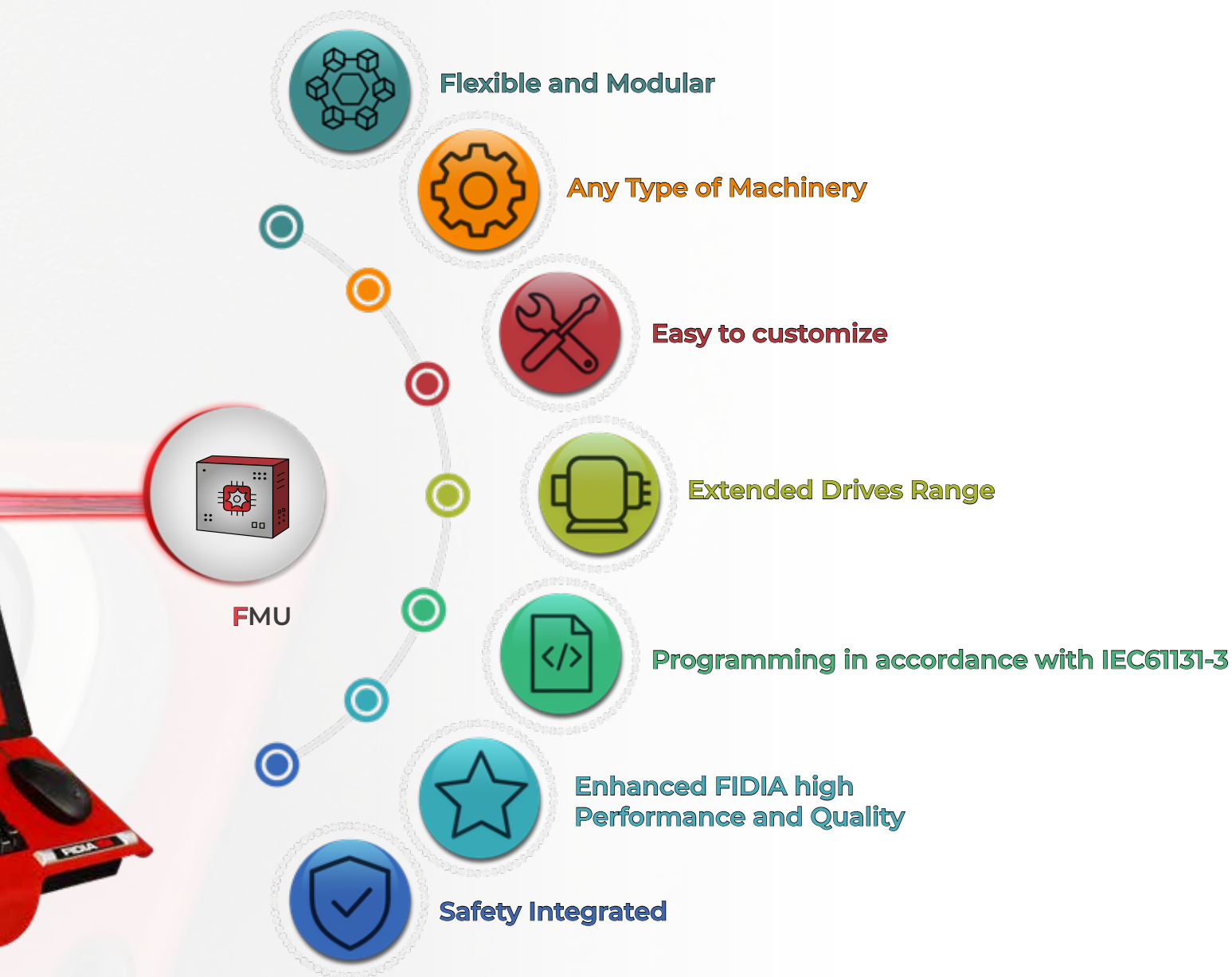
- › Drives with Safety Functions integrated
- › FMU will have with built-in safety control



Drives



I/Os



High level performance for 5-axis machining

- 21,5" WIDE FHD. P-CAP multi-touch;
- Fidia FMU 2GHz double core (for axis management, PLC, etc.);
- Scalable up to 3.0 GHz Intel® quad core (for User Interface and User Applications);
- Windows 11 Enterprise, SSD and expandable RAM;
- Data transfer: serial, parallel, console USB ports, Ethernet;
- i4.0 Ready;
- High Speed Machining – LAV6;
- Powerful integrated PLC - IEC 61131;
- EtherCAT and I/O expansion;
- Full Digital drives with safety functions integrated.



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