

Intelligent "i" series

The Intelligent "i" Series high-end CNC fiber laser tube cutting machine is a premium laser tube cutting machine that integrates intelligence, digitization, and automation.

- **Innovative Architecture System:** This top-tier high-end CNC laser tube cutting machine is equipped with the latest generation of PA bus cutting system, fully incorporating a touchscreen operation experience. Its cutting system has undergone a complete transformation, featuring an intuitive and user-friendly interface. After the system upgrade, it integrates five core modules: production, process, debugging, maintenance, and settings, providing comprehensive and efficient functionality.
- **Seamless Integration with MES System:** The PA system demonstrates a high level of openness, easily connecting to the EMS intelligent cloud data management system in smart manufacturing factories, enabling data interconnection and improving production collaboration efficiency.
- **Flexible Expansion of Automated Loading and Unloading Solutions:** The equipment can flexibly interface with fully automatic loaders, conveyor material collection devices, and three-dimensional robots, constructing an efficient and smooth automated tube cutting operation line.
- **Intelligent and Efficient Cutting Experience:** It integrates intelligent functions such as automatic centering, intelligent weld seam detection, automatic slag removal, and breakpoint continuation control, ensuring precise and efficient cutting operations.

Intelligent "i" series

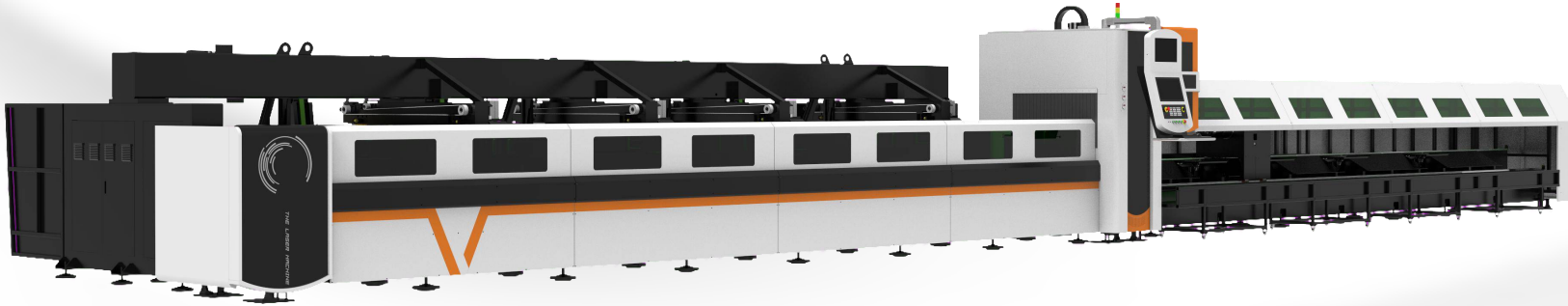


i 20 i 35
i 20A
i 25A



The Intelligent "i" Series high-end CNC fiber laser tube cutting machine is a premium all-around device meticulously crafted to align with the future trend of tube processing automation. It integrates a series of intelligent functions such as automatic loading, floating support, automatic unloading, intelligent weld seam recognition, and automatic slag removal. Even more advanced, this series can fully meet and extend customers' personalized needs. With the latest generation of bus-based CNC system architecture and top-tier hardware configuration in the industry, it has become a highly competitive leader in the market.

Intelligent “i” series



i 20A-3C
i 25A-3C

The Intelligent "i" Series i20A 3-chuck high-end CNC version fiber laser tube cutting machine is an upgraded model of the i20A. It breaks through the traditional 2-chuck mode by adopting 3-chuck cutting technology, comprehensively expanding the cutting dimensions. This equipment supports chuck-avoidance cutting, enabling it to flexibly handle complex tube materials. It achieves zero-scrap cutting, effectively reducing material costs, and is capable of processing entire tubes, accommodating both long and short workpiece requirements. Even ultra-long workpieces can be cut with high precision and speed. Leveraging these advantages, it significantly enhances processing accuracy and material utilization rates, while comprehensively improving its processing scope and capabilities. It meets the high demands for tube processing in industries such as photovoltaic supports and architectural steel structures.

Intelligent "i" series



i 20-3D
i 20A-3D
i 25A-3D

The Intelligent "i-3D" Series fiber laser tube cutting machine, as an advanced version of the "i" Series, is specifically designed for tube bevel cutting. This series adopts a brand-new fully enclosed exterior design, which not only showcases the product's high-end aesthetics but also enhances the safety protection performance of the equipment. With its three-dimensional swing-head tube bevel cutting technology, it greatly expands the applicable scope of laser tube cutting, ensuring perfectly seamless tube seams after cutting, thereby significantly improving the quality of the processed finished products.