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- [CO2 Laser Wire Stripping Machine/Metal Laser Cutting Machine](#)

CO2 Laser Wire Stripping Machine/Metal Laser Cutting Machine



The machine is capable to remove wire insulation or coatings, ablating the different shapes of magnet wires or stripping composite wires in fast and precise operations. For the strip of composite wires such as flexible flat cables (FFC), USB 3.1 and USB4 coaxial cables, the outer aluminum foil of the core wire and the insulating layer of the ultra-fine wire are very troublesome. Using this device can easily solve complex multi-task manual operations.

SD-062A carbon dioxide laser wire stripping machine is used to strip enamelled wires, FFC, micro-coaxial wires (0.3mm), the core wires of USB 3.1, Type-C and USB4, as well as various non-metal materials. No additional expendables are required. It is equipped with a aspirator and a cooling system.

SD-063A metal laser cutting machine is used to cut the outer layer after metal braiding or tin plating.

Equipment for USB4:

- [CO2 Laser Wire Stripping Machine](#)
- [Metal Laser Cutting Machine](#)
- [Slide-table CO2 Laser Chopping and Striping Machine](#)
- [Dual-Side Stripping Machine](#)
- [Step Double Pulse Welding Machine \(Hotbar\)](#)

USB4 Manufacturing Process USB4 製程 | COMOSS 昕鈺

Inquiry

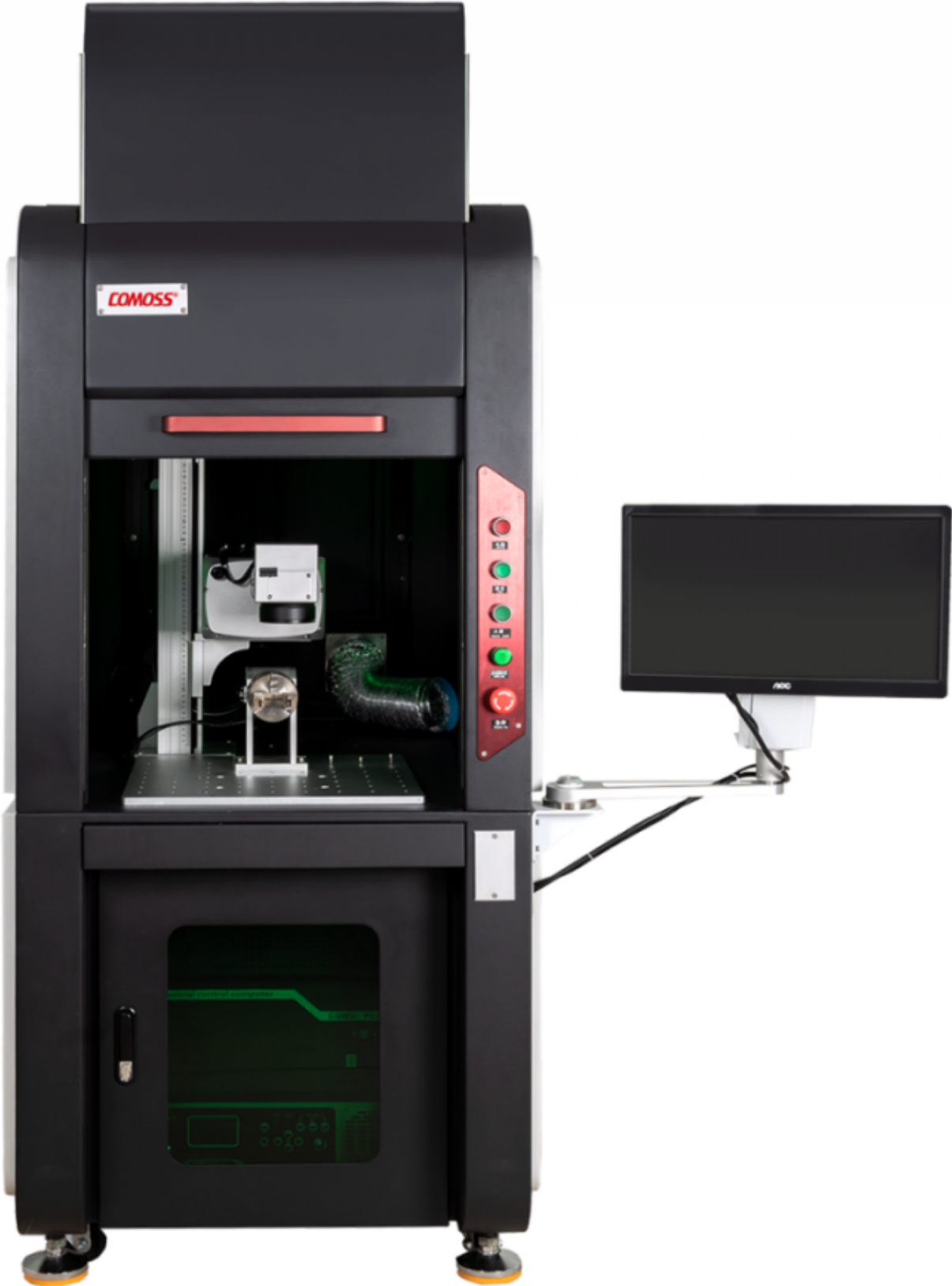
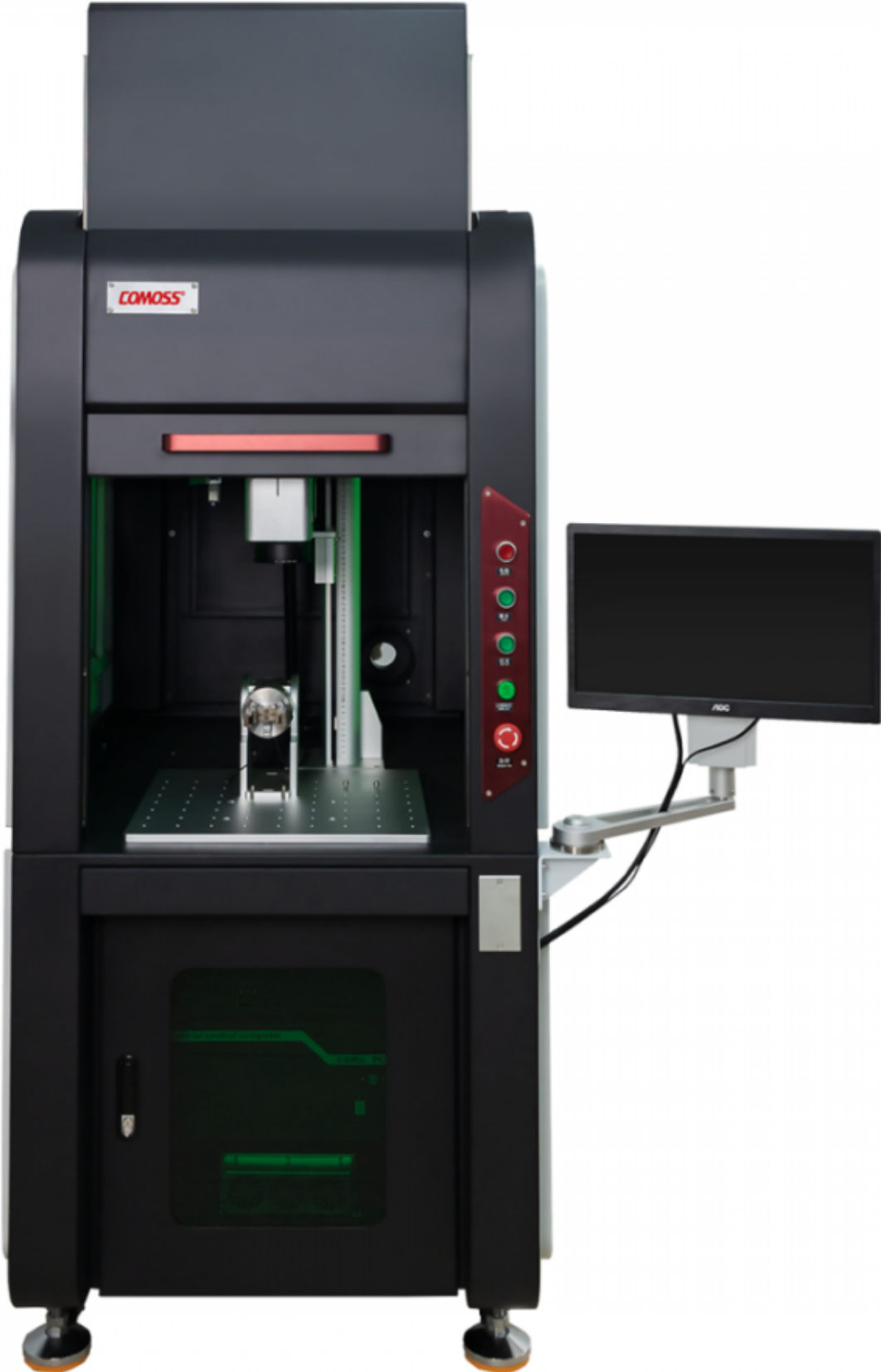
FEATURES



- Based on light sources and the applications, the machine is categorized into two types, namely Metal Laser Striping Machine and CO2 Laser Striping Machine. The metal laser one keeps the shield completed, not damaging any of shields. The CO2 laser one have shield peeled off and keep the metal material from damage in operation.
- Precisely control the stripping position, size and depth. It’ s capable to strip multiple wires at the same time with its multi-function and user-friendly operation.
- Rather than mechanical operation, no extrusion or stress from physical mechanism, the machine ensures the quality at the end of conductor in consistency and its high reliability.

APPLICATIONS

- USB4
- SFP
- HMI
- DVI
- DP
- Magnet wire
- Micro-coaxial cable
- Flexible flat cable (FFC)



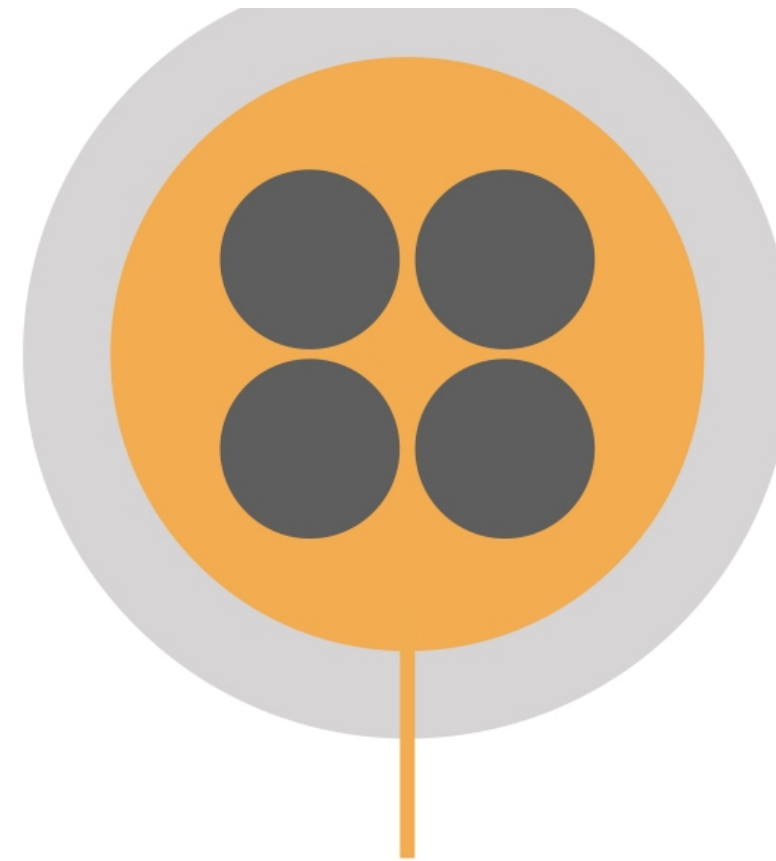
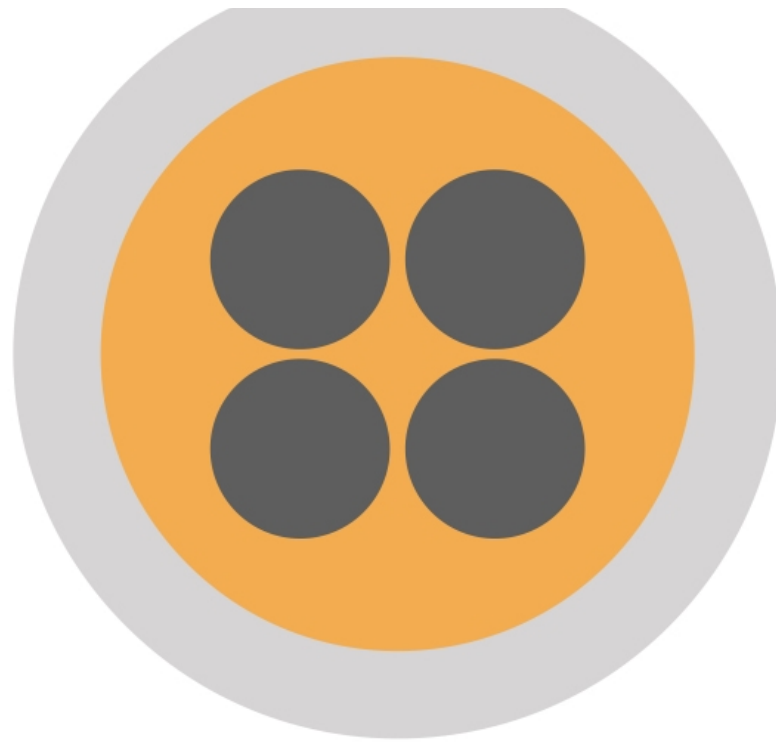


CO2 Laser Wire Stripping Mac...	Metal Laser Cutting Machine I...
	

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Metal laser
peel off the metal material

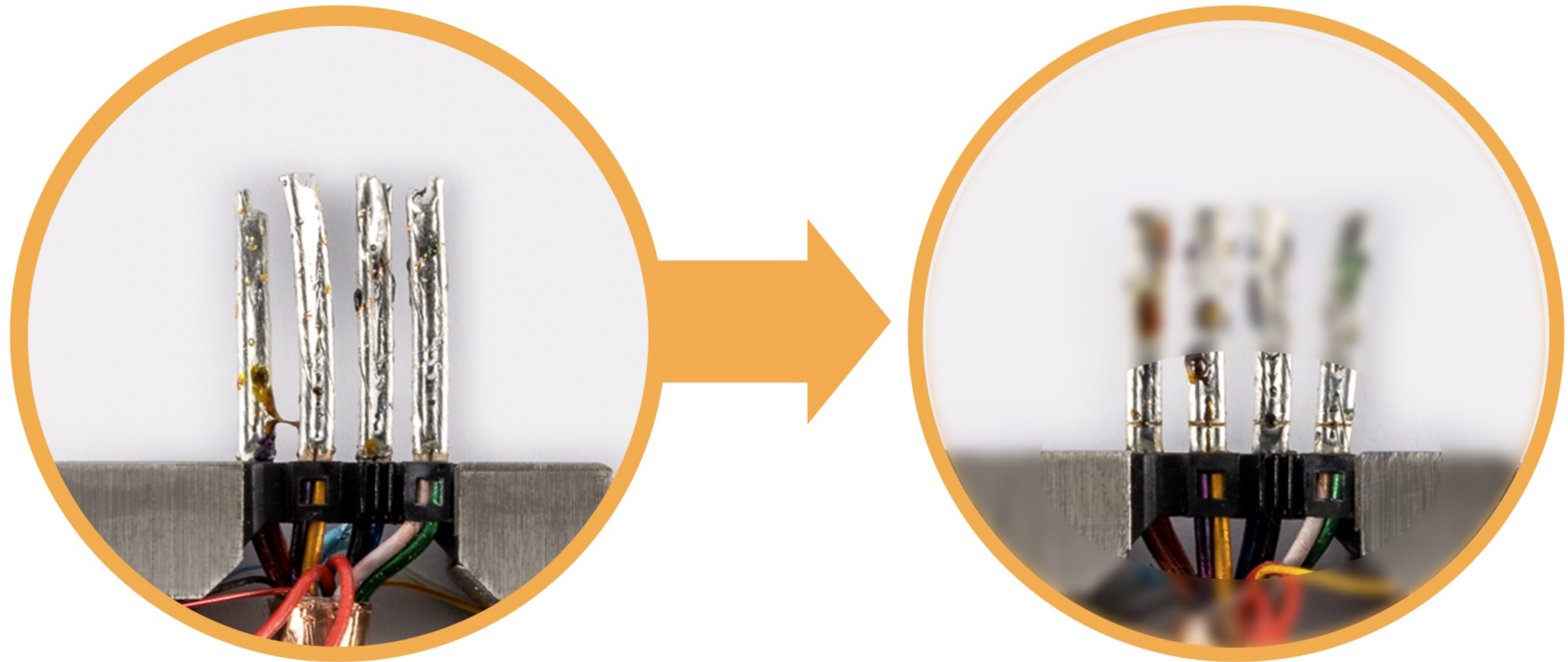




CO2 laser
peel off shields

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Precisely control



Position



Depth



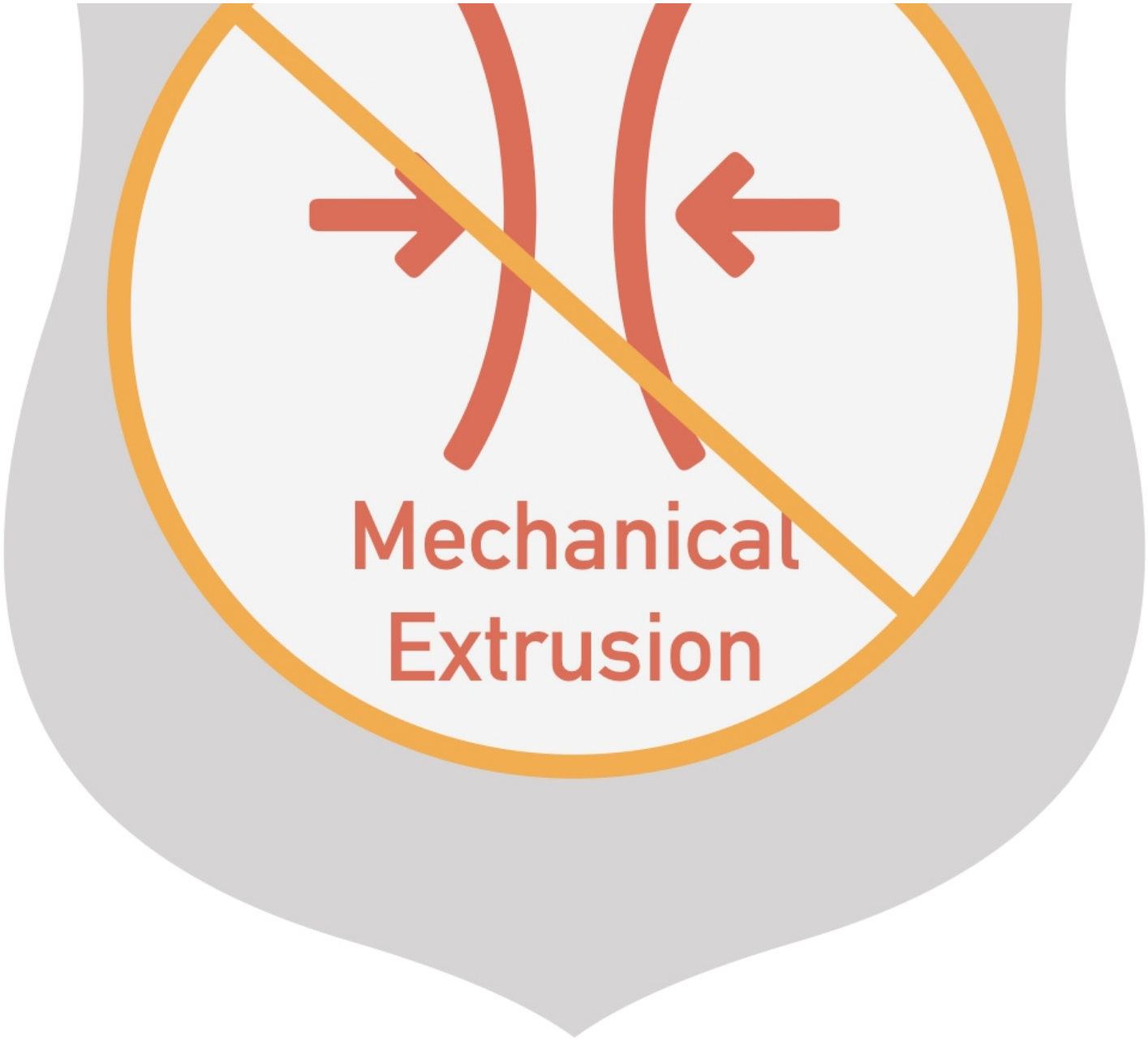
Size



Multiple wires

Non-mechanical contact processing





General Specifications

Model	Voltage	Power	Application	Equipment Size
SD-062A/063A	AC 220V 50/60Hz	≤1KW (Reference)	Used for cutting aluminum foil of various twisted-pair shielded wires	L1700mm x W840mm x H1200mm Inquire

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