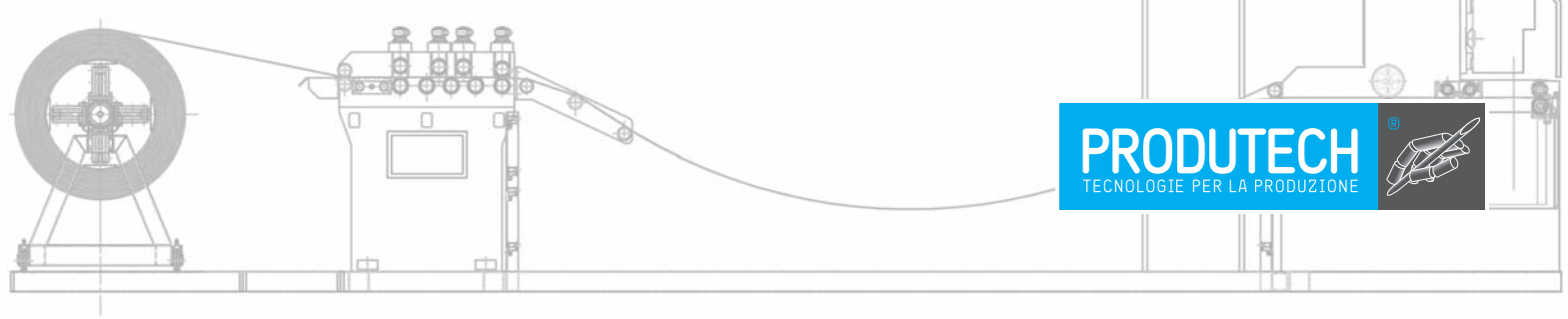
PRODUTECH
TECNOLOGIE PER LA PRODUZIONE

Fiber laser technology to cut directly from coil

ISEO Laser

Your **partner** in progress



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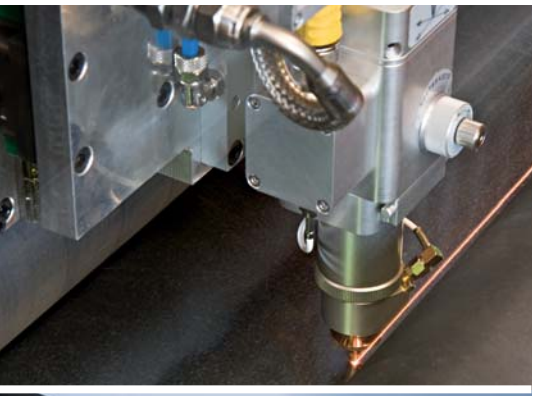

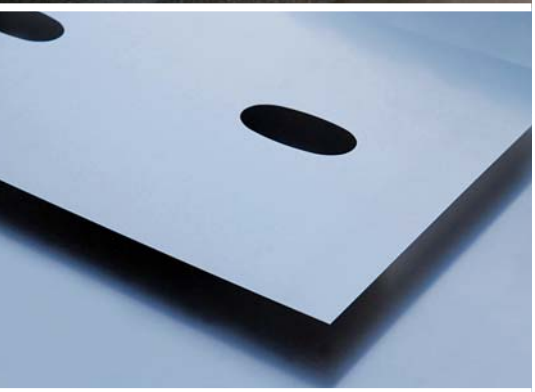

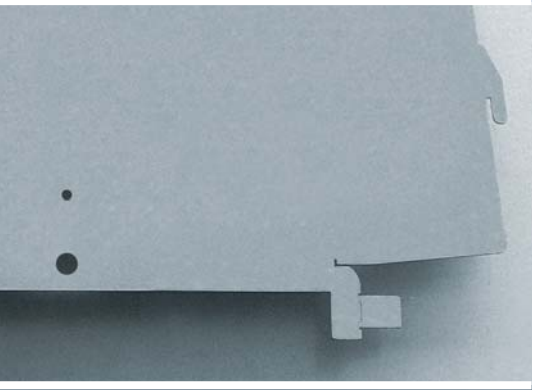

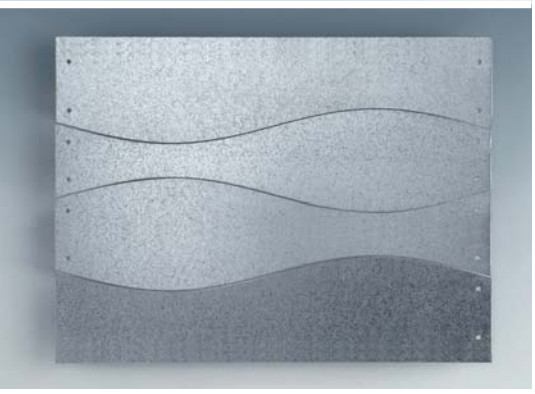

- High productivity
- No limit along the length
- Perfect cut quality
- Absolute precision
- Low consumption
- No maintenance
- Automatic download

ISEO laser collects Produtech's know how , experienced thanks to the punching lines production, about producing parts directly from coil.

The advantages about producing from coil are the chance to obtain finished parts without any limit along the length, the continuous feeding of the laser machine, the high productivity, the possibility to start with a coil already finished along the width minimizing the scraps. Fiber laser technology can add to this advantages a fast and perfect cut obtained also on high reflective materials such as aluminum, brass, copper, with very low consumption and production costs. The new fiber laser technology is very easy, economic and safe to be managed because it doesn't require the optical path to transmit the laser beam and the focal lens to focus it, so the maintenance costs are eliminated and the costs for wearable parts are really low. The energy consumption is also significantly lower compared to the old CO_2 technology.

ISEO laser was studied especially to work on little thickness materials, it is suitable for insulation and ducting field. On little thickness materials the piercing and the cut are fast, also using low power laser sources, this feature makes the production quick and economic.

Working area is completely closed, as request by safety norms for fiber laser managing. Produtech laser works interpolating sheet advancing movement with head translation and so it is possible to cut every shape required.

The management of the cuts takes place advancing by strips of variable length (tipically 500 mm) and cutting every shape required inside these strips.

The high precision in the movements of the machine allows to obtain perfect reprises of the cuts.

TECHNICAL DATA	
Fiber laser	0,4 ; 1; 2 Kw
Maximum workable thickness	up to 5 mm
Maximum workable width	1500 mm
Main worked materials	Stainless steel, Iron, Copper, Aluminum, Brass

Machines comply with "CE" directive

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