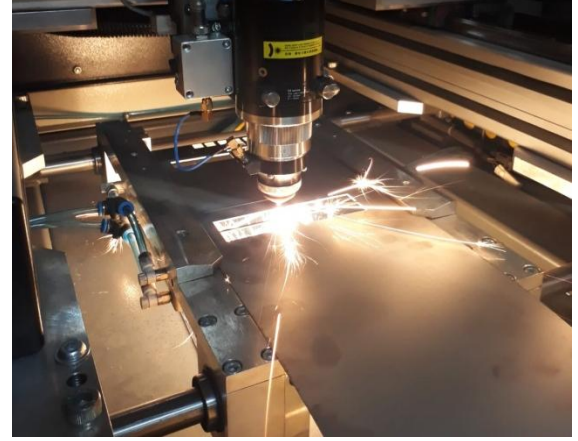


## Alternative Fiber Laser Cutting Systems

LASERAL Fiber Laser Cutting Systems are designed for cutting of **steel, stainless steel, aluminum** and **other common sheet metals**. Its **fiber laser technology** provides very **low service and operating costs**.

Most of the laser systems operating in sheet metal cutting industry use CW fiber laser sources. LASERAL also offers **Quasi-CW** apart from CW fiber laser sources. Q-CW fiber laser cutting systems are usually used for lower thicknesses and **higher cutting edge quality** thanks to its operation characteristic, **processing with long pulses** instead of continuous wave. That provides **lower heat input** than common CW fiber laser cutting systems.

Our cutting systems can be combined with **fiber laser sources**, which are available with different **average power outputs 150W, 300W**.



Laser Source Features	
Laser Source	QCW Fiber
Output Power	150 W – 300 W
Wavelength	1064 nm
Cooling System	Air -cooling
Electrical Connection	220 V ± %10, 50-60 Hz

LASERAL is the **true choice** for **thin sheet metal cutting** applications. When you require a **alternative solution** to use in **small or midsize business** purposes as in the form of an enclosed system for ensuring **work safety**, LASERAL Alternative Fiber Laser Cutting Systems are the **ideal systems**.



Workstation Features	
Processing Field	210x290 ;700x700 mm
Machine Axis	3-Axis [X, Y, Z]
Transmission	Ball Screw
Positioning Accuracy	+/- 0,08 mm/m
Repeatability	+/- 0,08 mm
Cutting Gas	O2, N2
Cutting Head	QBH type, distance sensor
Software / Control	Cypcut
Control Method	Pulse & direction
Control Unit	PC
Cabinet Type	Class 1