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High power  
Maintenance-free  
High reliability and stability  
Air-cooled

Overview

Features

## Fujikura's pulsed fibre lasers can be found in surface processing applications such as marking, micro-fabrication, welding, cutting, and measuring.

We produce fibre lasers for a range of output powers from 30W - 75W. Thanks to its tolerance to back reflections at high optical powers, the FLP-G10 Series offers excellent performance when cutting highly reflective materials.

Fujikura Group manufactures all key components for each laser technology in Japan. Major parts of the Fujikura FLP series are designed for highly customised proprietary optical technology.

FLP-G10 series is maintenance-free Q-switched pulsed Ytterbium fibre lasers. The lasers deliver a high power 1.08- $\mu\text{m}$  laser beam via a flexible metal, sealed single-mode fibre cable. Benefits to the end user include unprecedented deep engraving capabilities on high-melting-point metals, black laser marking on car components and high-speed micro-fabrication.

### Applications

- Metal cutting
- Welding
- Drilling
- Annealing
- Rapid prototyping
- Engraving/ marking
- Micro machining
- Scribing