Discover Incredible Productivity with

HIGH POWER CUTTING

UP TO 25 kW

NEW PRODUCT

Applications

Features

Advantages

www.ipgphotonics.com

The Power to Transform®
**IPG Cut-HP Cutting Head**

**IPG Photonics’ Process Heads**

**Standard Features**

IPG's HP cutting heads are designed to provide the highest laser power handling capability in the industry in a completely sealed and lightweight package. The IPG Cut-HP provides effortless integration with IPG lasers and offers precise monitoring of height even under high power and high pressure cutting conditions. Available in multiple configurations with the broadest focus and collimator lens options, the HP is the ultimate tool to cut a multitude of different material types and thicknesses.

**Specifications**

- **Laser Power**: Up to 25 kW
- **Collimating Lens**: 100 mm
- **Focusing Lens**: 200 mm
- **Weight**: ~4.7 kg
- **Focal Plane Movement**: +15 / -30 mm
  - Collimating Lens
- **Control Unit**: IPG Control Electronics
  - Contact IPG for other optical configurations

**Power and Integration**

- Highest power handling on the market
- Ready for smart manufacturing integration
- Online monitoring and on-the-fly configurable sensors

**Improve thick cutting speed and quality with the highest power handling on the market**

**ACCESSORIES**

- **Protective Window**
  - Parts Available
    - Full Assembly CDSBOM000124XXXU
    - Optics COPWXEXXXXXXX009X
    - Seal CMSEACXX000001PX

**BENEFITS**

- Various electronics integration options: Standard IO, FieldBus, EtherCAT

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**The Power to Transform**
IPG Photonics manufactures a wide range of laser products with laser classifications ranging from Class I to Class IV. Please review the individual product specification for the optical performance characteristics specific to the device. This information typically includes the wavelength range, output power (CW and/or Peak), Pulse Energy, Pulse Repetition Rate, Pulse Width, etc.