

# HC12

## Laser Cutting Head

The Han's Focus HC12 cutting head offers high-power precision cutting with advanced thermal stability, auto-focusing, and robust durability for industrial applications.



### Features

- **Servo Focusing:** The focusing module is controlled by a servo motor, achieving high focusing accuracy and fast focusing speed
- **Height Adjustment Module:** compatible with various mainstream height adjustment systems in the market, the height adjustment module can be equipped with an integrated follow-up sensor、 External sensor for amplifier
- **High Dust Resistance:** multiple protective sheets protect the internal lens; patented internal dust-proof technology effectively extends the lifespan of the lens
- **Bus Control:** Optional bus configuration, utilizing EtherCAT bus communication mode to control the focusing module
- **Intelligent Monitoring:** Monitor the temperature, cavity pressure, and pollution level of each lens, and display the working status of the cutting head through indicator lights

## Applications

- Aerospace
- Shipbuilding
- Automobile Making
- Machinery Manufacturing

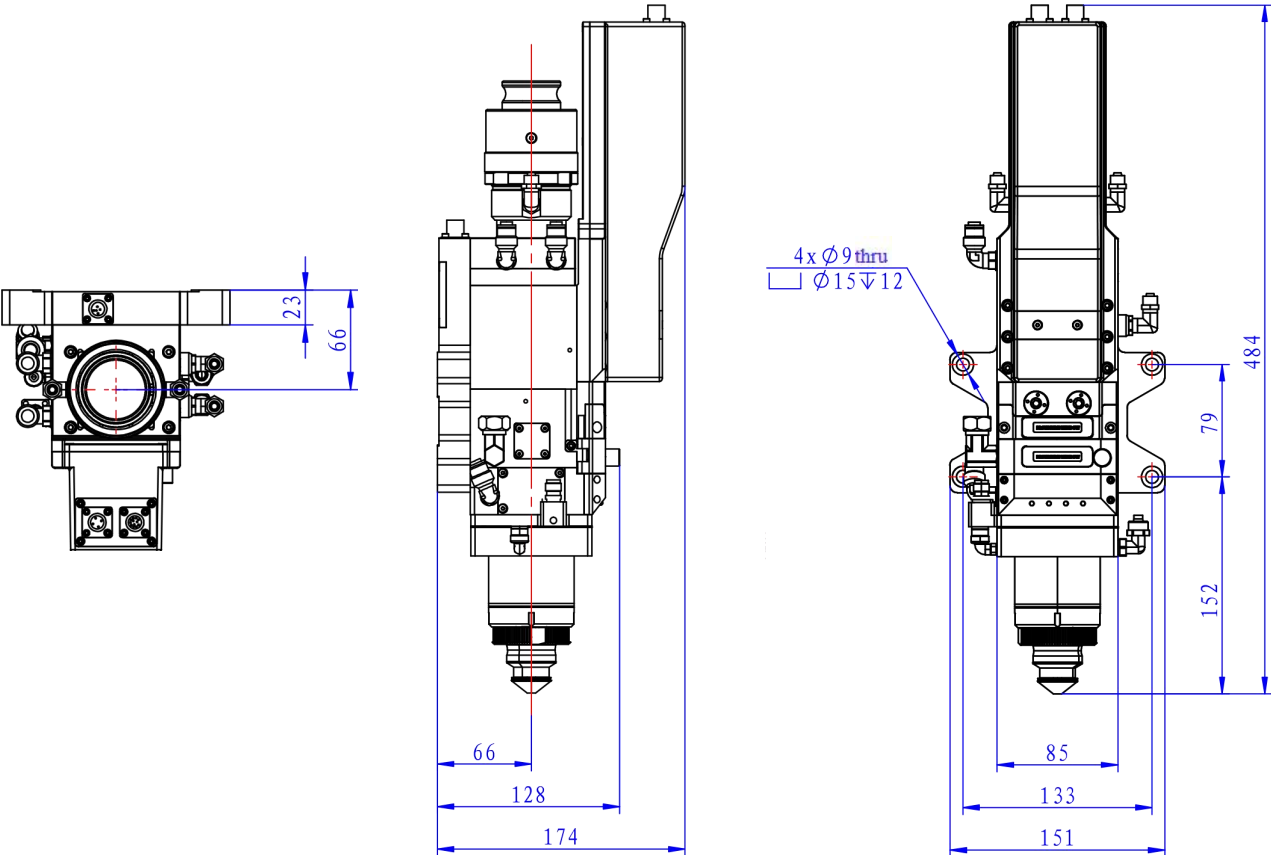


## Parameters

	HC12
<b>Technical Parameters</b>	
Applicable Power	≤ 12 kW
Collimator Focal Length	100 mm
Focal Length	200 mm
Coaxiality Adjustment Range	± 1.5 mm
Vertical Focus Adjustment Range	- 30 ~ + 20 mm
NA	0.14
Max Gas Pressure	25 bar
Fiber Core Diameter	100 μm / 150 μm
Fiber Connector	QBH, Q+, QD, LOE, etc.
Weight	≤ 8.5 kg
Ceramic Ring	Φ 41 mm
Threaded Nozzle	M11 * 0.75 mm

\* All specifications are typical data and subject to change without notice due to product improvements.

Dimensions (mm)



\* For reference only