

BM111 AUTO FOCUS LASER CUTTING HEAD

POWER RATING: 3kw



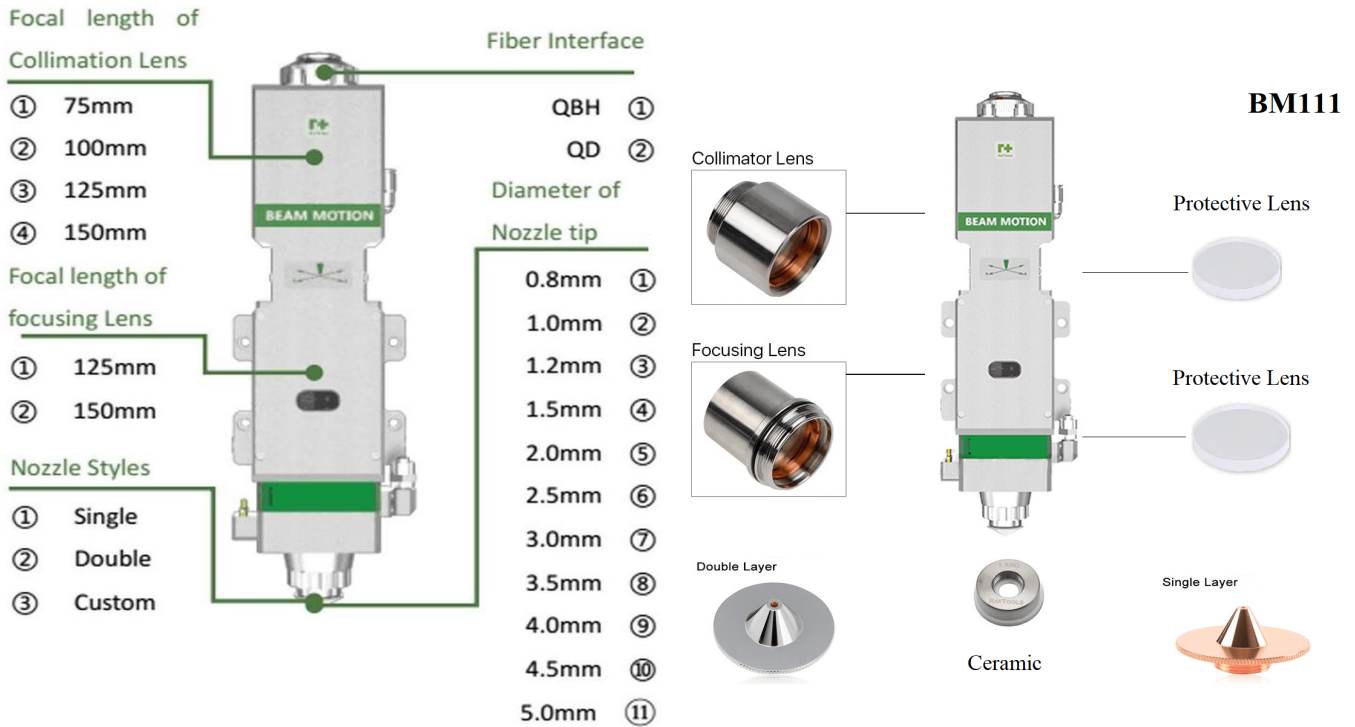
Dual water cooling circuits.

Auto focus to reduce human intervention and improve piercing and cutting efficiency.

Modular design with easy maintenance.

3 Cover glasses (top, middle and bottom) to protect collimation & focus lens.

IP65 class dustproof, patented cover glass cover plate. All-around dust prevention.





Machine Description:

Raytools Laser Cutting Head is equipped with Auto Focus Laser Cutting Laser Technology. It has the ability to cut High Thickness in High Speed at Lower Cost of Consumables. Lastly, it has anti-collision design and height adjustment sensitivity.

SUMMARY FEATURES:

- Modular design with easy maintenance.
- Dual water cooling circuits.
- Auto focus to reduce human intervention and improve piercing and cutting efficiency.
- 3 Cover glasses (top, middle and bottom) to protect collimation & focus lens.
- IP65 class dustproof, patented cover glass cover plate. All-around dust prevention.

TECHNICAL PARAMETER:

MODEL	: BM111
Brand Name	: RAYTOOLS
Fiber Interface	: QBH , QD
Clear Aperture	: 28 mm
Auto Focus	
Range	: +10 ~ -12 mm
Acceleration	: $\leq 10 \text{ m/s}^2$
Velocity	: $\leq 10 \text{ m/min}$
Accuracy	: $\leq 50\mu\text{m}$
Cover Glasses	
Collimation Side (Top)	: $\Phi 24.9^* 1.5\text{mm}$
Focusing Side (Bottom/Middle)	: $\Phi 27.9^* 4.1\text{mm}$
Collimation Length	: 100mm
Focus Length	: 125mm , 155mm , 200mm
Nozzle Styles	: Single , Double , Custom
Diameter of Nozzle Tip	: 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm
Assist Gas Pressure	: $\leq 30 \text{ bar}$
Weight	: 5.7 kg
Brand New	: Switzerland