

Optical system

Focal length (magnification)	125 mm (1.25) 150 mm (1.50) 175 mm (1.75) 200 mm (2.00)
Adjustment range focusing (horizontal)	±1 mm
Wavelength	1030 up to 1130 nm
Max. laser power	8 kW
Max. beam parameter acceptance (half angle)	125 mrad
Laser light cable receiver	Optoskand QBH, Trumpf-D
Diameter laser light cable	up to 200 µm

Focus range

Magnification	1.25	1.50	1.75	2.0
In work piece direction (-)	9 mm	13 mm	18 mm	20 mm
In nozzle direction (+)	6 mm	9 mm	13 mm	15 mm
Correction range / offset Z-axis +/-	1 mm	1.5 mm	2 mm	3 mm

Housing

Dimensions	118 × 116 × max 388 mm (depending on configuration)
Weight	ca. 5 kg (depending on configuration)
IP-Protection	64 (when the fiber is inserted)

Supply

Electric	DC 24 V / max. 4 A
Process gas	inert and active gases, max. 25 bar
Cooling gas	Air, max. 5 bar Flow min. 1.5 l/min
Cooling circuit	Operating pressure max. 5 bar