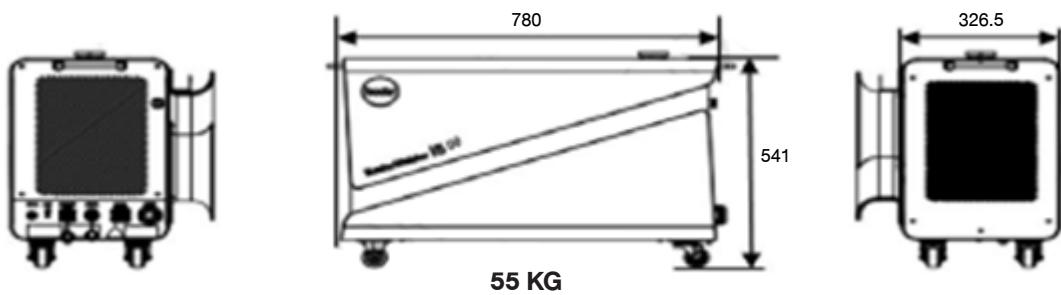


BodorWelder 1500 Pro

Spec Sheet

Function¶meter List		BodorWelder1500 Pro Self-cooling Handheld Laser Welding User Guide
Item	Subitem	
Basic parameter	Output Power	1500W
	Working mode	Continuous/Pulsed
	Dimensions	760mmx325mmx540mm
	Overall weight	55KG
	Operating ambient temperature range	-20°C ~ +60°C
	Operating environment humidity range	≤90%
	Storage temperature range	-25°C ~ 65°C
Intelligent function	Quality cutting	<ul style="list-style-type: none"> Self-cooling – not afraid of high temperature and extreme cold Constant power continuous light output Smart control Laser welding process library
	Optical performance parameters	Output power regulation range
		1%-100%
		Maximum modulation frequency
		5k HZ
		Indication of laser wavelength
		650nm
		Output laser wavelenght
		1075nm±10nm
		Laser response time
		10us
		Interface type
Performance	Optical performance parameters	QBH
		Collimation focal lenght
		50mm
		Focus focal length 150mm
		150mm
		Length of optical fiber cable
		10m
		Transmission length
Configuration	Optical system	10m±0.5m Standard length 10m±0.5m
		Output fiber core diameter
	Peripheral system	50um
		Bending radius of optical fiber cable
		175mm
		Laser head
		Bodor
		Laser source
	Others	Bodor
		Wire feeder individually packed
		Maximum supported wire weight
		25KG
	Others	Cooling method
		Self-cooling
		Maximum supported wrid feed diameter
		1.6mm
	Others	Control mode
		Knob control
		Laser protective glasses
		Contains 7 copper nozzle, 1 cutting nozzle, 1 graduated tube
		Total power capacity/current
		4.64KW/21.1A



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