

MAGNETRON HEAD MH100KI-500BU

COMPACT MICROWAVE POWER HEAD

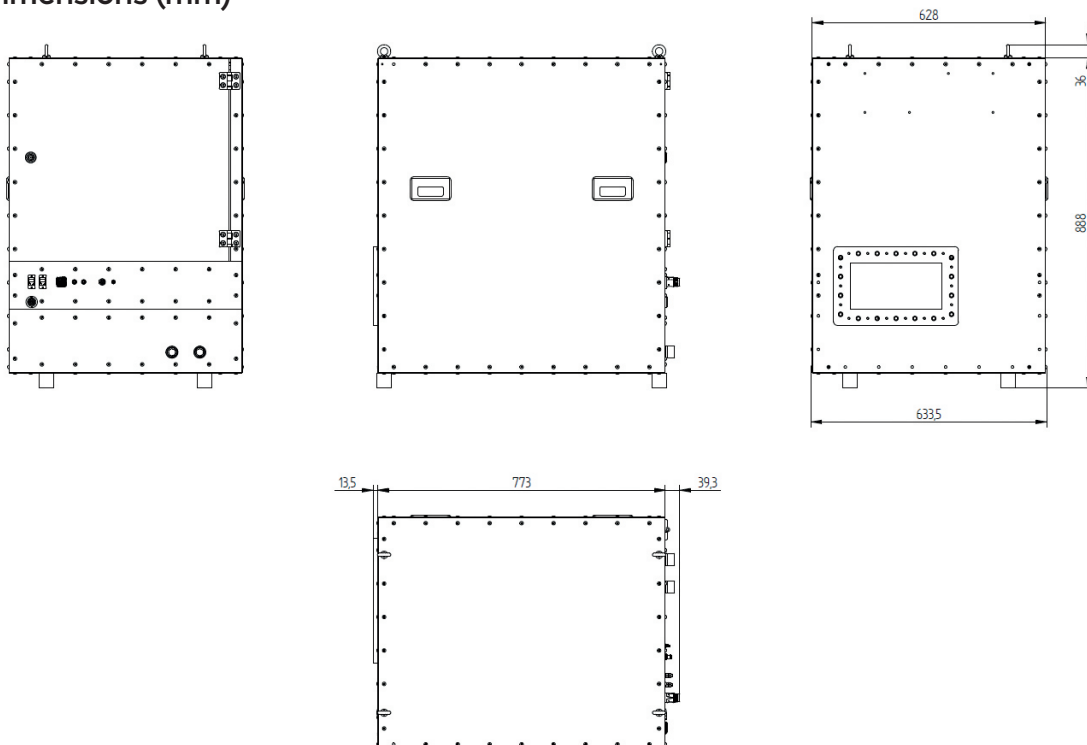


MUEGGE MH-Series magnetron heads offers a variety output power and configuration styles. Key features include compact designs, standard waveguide and coaxial output flanges. The MH-series also offers a wide range of options including reflected output power measurement.

Features

- 100000 W cw hf-output power
- Compact design
- Easy mounting
- Type of cooling: Air / Water
- Microwave output: WR975 / R9
- Incl. E-Magnet
- Ingress protection IP20
- Magnetron 100000 W / 915 MHz

Outline Dimensions (mm)



Specifications

HF-output power	100000 W cw max.
Frequency	915 MHz \pm 20 MHz
HF decoupling size	WR975 / R9
Magnetron	100000 W @ 915 MHz
Primary power circuit	-19500 DC / 5,8 A
Primary control voltage circuit	- V / - / - A

Recommended system components

- MS-series power supply, e.g. MS100KI-501DL
- Circulator e.g. MW1001B-260CC
- Water load e.g. MW1018E-230CD

Cooling	Air / Water: \geq 22 (5,81) l/min (US.gal/min), \leq 8 (116,03) bar (psi) @ 20 - 25 (68 - 77) °C (°F)
Assembly	Fully enclosed Aluminium / galvanized sheet steel housing
Dimensions	Compact design Width: 634 (24,96) mm (inch) Height: 924 (36,38) mm (inch) Depth: 826 (32,352) mm (inch)
Conditions	In operation: 5 °C (41 °F) - 40 °C (104 °F), relative humidity 80% to 30 °C (86 °F), above this linearly reduced to 50%, non-condensing, 3K3 Storage: - 25 °C (-13 °F) - + 70 °C (158 °F), 70 kPa - 106 kPa, relative humidity 80% to 30 °C (86 °F), above this linearly reduced to 50%, non-condensing, 1K3
Primary heating Current circuit	400 V AC / 50 / 60 Hz / 7,6 A
Weight	Approximately: 250 (551,2) kg (lbs)