

MZ-1000 is the automatic submerged-arc welding machine with IGBT inverter technology, which consist of large capacity arc welding power source and welding tractor. It is suitable for all kinds of steel($\geq 5\text{mm}$)

Alternation of characteristic of constant voltage/current.
Wide range of output current. Welding current and welding voltage as well as travel speed of welding tractor can be preset and displayed digitally. Adjustable: arc force, welding current and welding voltage. Remote/panel control selection. MMA welding and air carbon arc gouging with suitable carbon electrode.



Input voltage	3 phase380V $\pm(15\%-20\%)$ 50~60Hz
Rated input current(A)	80
Rated input power(kw)	52
Voltage adjusting range(V)	20-50
Current adjusting range(A)	150-1000
Duty cycle(40)	100%
Tractor travel speed range(m/h)	6-72
Wire feeding rate range(m/min)	0.5-2.5
Suitable welding wire dia.(mm)	$\varnothing 3.2\text{-}\varnothing 5.0$
Efficiency	92%
Power factor	0.92
Insulation grade	F
Case protection grade	IP23
Cooling mode	Wind
Dimensions of power source (mm)	810x345x1022
Net weight of power source (kg)	98
Dimensions of welding tractor (mm)	1038x480x628
Net weight of welding tractor (kg)	51



**OPTIONAL:
METAL FRAME**