

# TR-1501 INV-1000-DC

(mma)

## INV-1000-DC TR-1501

The INV-1000-DC is a specially developed power source for submerged arc welding (SMAW) and gouging. This machine is extremely suitable for shipbuilding and off-shore applications and can be executed in a specially designed hoistable frame. For submerged arc welding, this power source is combined with the extremely stable and easy-to-operate welding tractor TR-1501. This tractor is fully digitally readable and very user-friendly. An intermediate package of up to 20 meters provides sufficient freedom of movement.



Technology: Inverter  
Supply: 3-phase  
Type: MMA



**Prior**  
Welding



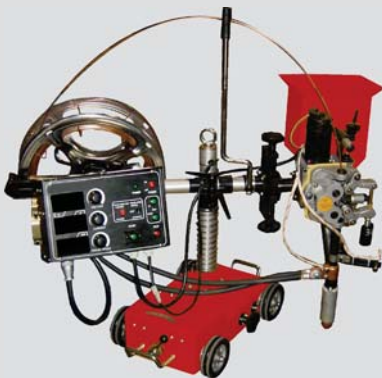
**Prior Welding**

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MODEL	INV1000DC		
Amperage I1	80A		
Power P1	52kW		
Controllable amperage I2	150A~1000A		
Duty cycle	100%		
Weight	98kg		
	supply voltage	3~380V±15% 50~60Hz	
	open voltage	68V	
	open amperage	0.8A	
	power loss	500W	
	voltage control	20V~50V	
	cos η	≥0.85	
	power factor λ	0.7~0.9	
	insulation class	IP23	
	cooling	lucht	
	dimensions	810-345-1022(mm)	



Type TR-1501	
Wire engine	V 42
Tractor engine	switch engine
Dimensions mm (lxwxh)	1010 x 470 x 700
Wheelbase mm	475
Wire capacity kg	25
Weight kg 55	
Wire speed m/min	0.3 - 3.0
Wire diameter mm	2 - 6
Welding speed m/min	0.2 - 2.0

## Accessories:

Welding cable  
Grounding cable  
Gutstang  
Electrode holder

