

TIG Inverter Rectifiers

Pontig 3200DC MOST and Pontig 4000DC MOST



Pontig 3200DC and 4000DC by MOST are cutting edge inverter rectifiers for TIG DC welding of steel and stainless steel MMA coated electrode welding. Pontig 3200DC and 4000DC are efficient industrial devices electrically powered by 3x400 V.

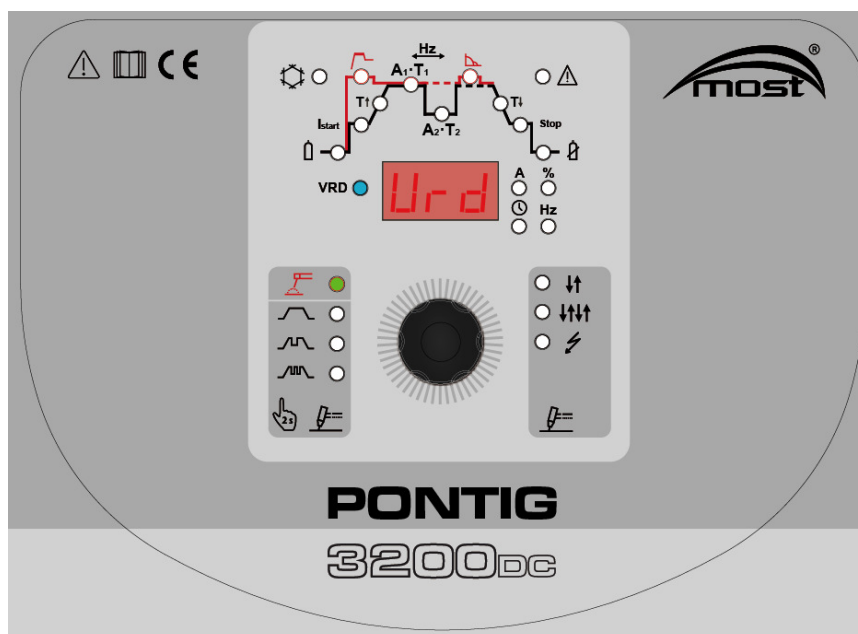
Main applications:

- Food industry and stainless steel installation welding.
- Chemical industry and pipelines.
- Crafting, manufacturing items of lightweight steel or stainless steel and copper alloys.
- Yacht construction, rigging welding, etc.



Pontig 3200DC - current source.

Control panel equipped with display presents welding process functions. Parameter setting is executed with single knob used both for choosing and confirming functions or values. The control panel is identical for both device types.



TIG welding is performed with a direct or pulsating current of up to 500 Hz.
In MMA method a VRD safety function is available for reducing idling voltage to 12 V

Pontig 3200DC/4000DC devices allow you to set all additional functions required for professional TIG welding.
(gas pre/post flow, current rising, crater filling, etc.)

These devices are designed to work with different types of liquid-cooled or gas-cooled guns after switching off the radiator (settings of internal menu) also if liquid connections at the front of the radiator were bridged.

Parameter	Unit	Pontig 3200 DC	Pontig 4000 DC
Electrical power supply	V/ Hz	3x400/ 50-60	3x400/ 50-60
Power fluctuations tolerance	%	+/- 15	+/- 15
Welding current range/Work cycle for TIG/MMA	A /%	5-320	5-400
		320A/40%	400A/40%
		280A/60%	320A/60%
		250A/100%	280A/100%
Idling Voltage (MMA) U0	V	62	62
Network protection	A	25 (delayed)	32 (delayed)
Current Ieff	A	16,5	22,1
Current I1max	A	26	35
Insulation class		H	H
Protection class		IP 23S	IP23S
Dimensions (current source)	mm	655x275x385	655x275x385
Weight	kg	23	26
Aerocool 30 cooling unit			
Electrical power supply (from Pontig current source)	V/Hz	3x400/ 50-60	3x400/ 50-60
Power P	kW l/min	0,9	0,9
Max. Pressure	bar	3,5	3,5
Tank capacity	l	5	5
Dimensions	mm	665x254x285	665x254x285
Weight	Kg	21	21
Catague no.		Pontig 3200 DC	52 00 005500
		Pontig 4000 DC	52 00 005540

Equipment:

Each device is supplied with a mass cable, a gas hose and a manual booklet.

An optional cooling unit and transport trolley is and optional equipment available for Pontig 3200 DC. Pontig 4000 DC has a factory installed cooling unit and transport trolley.

Additional welding welding torches/holders and accessories (optional):

Welding torch (gas). TIG T26 SGRIP 4 m	56 01 032628
Welding torch (gas). TIG T26 SGRIP 8 m	56 01 032630
Welding torch (water) TIG T20 SGRIP 4 m	56 01 032636
Welding torch (water) TIG T20 SGRIP 8 m	56 01 032637
Welding torch (water) TIG T18 SGRIP 4 m	56 01 032632
Welding torch (water) TIG T18 SGRIP 8 m	56 01 032633
Remote control (manually operated) 56207 10 m	52 00 005499
Remote control (foot-operated) 06034	52 00 005498
Aerocool 30 cooling unit (optional for Pontig 3200 DC)	52 00 005494
Large transport trolley 56173+56209 (optional for Pontig 3200 DC)	52 00 005490



Pontig 4000DC with cooling unit and transport trolley.