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CHAMP PULSE 225 MICRO

PORTABLE MULTI-PROCESS MACHINE

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CHAMP PULSE 225 MICRO

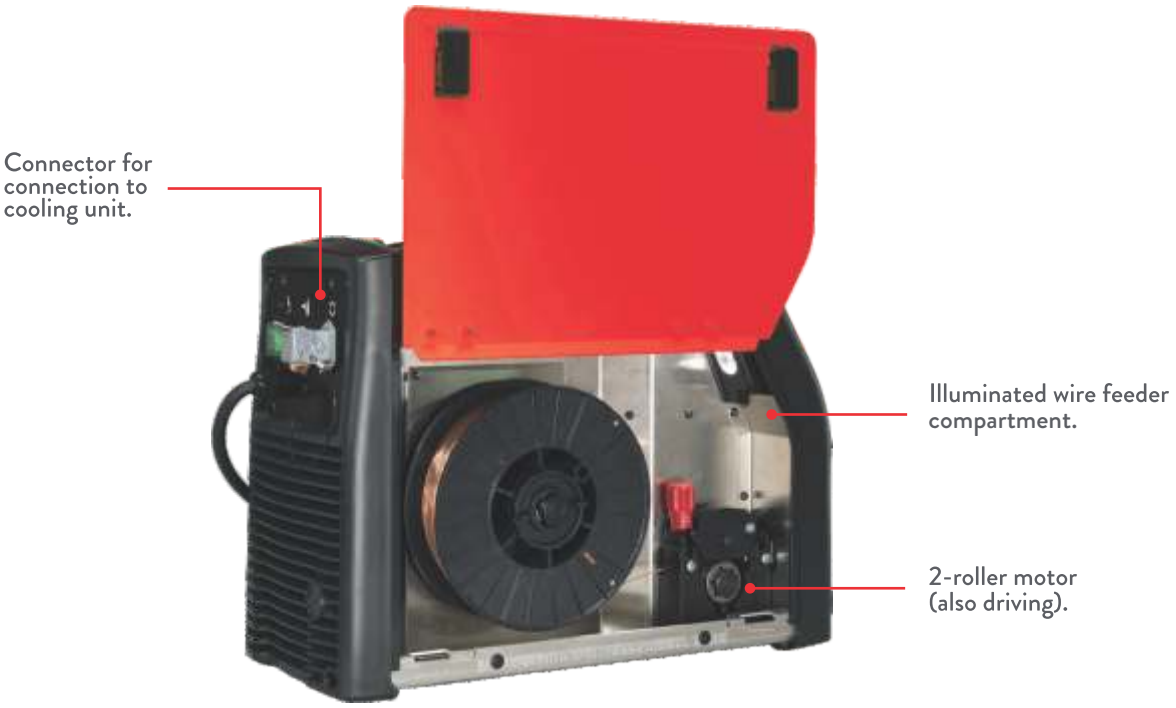
CHAMP Pulse 225 Micro is a portable, very light (only 16kg), powerful multiprocess welding machine. The **CHAMP Pulse 225 Micro** provides all MIG/MAG STANDARD SYNERGIC, MIG/MAG PULSED, MMA and TIG DC LIFT processes. It is also made available to include the DOUBLE PULSED function for those alternative MIG/MAG applications.

TECHNOLOGY

The PFC module allows low current absorption and let to weld up to 220Amps only with a 230Vac single-phase power supply.

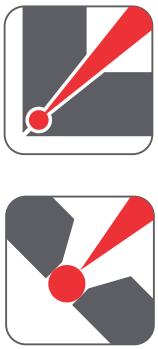
The digital control of the inverter through the latest generation DSP (Digital Signal Processor) allows for quick and precise welding arc regulations.

Generator mode is set to optimize the power absorptions from the available nominal power of the Generator in use, protecting the welding machine whilst using all the available power provided.



CHAMP PULSE 225 MICRO

Special Functions



Power Focus
for deep penetrations.

Power Root specific
for first root welds.

The duty cycle of 220Amps at 30% (40°C)
make it suitable also for heavy tasks.

More than 50 MIG/MAG
synergic programs available.

EURO connection
for easy torch exchange.

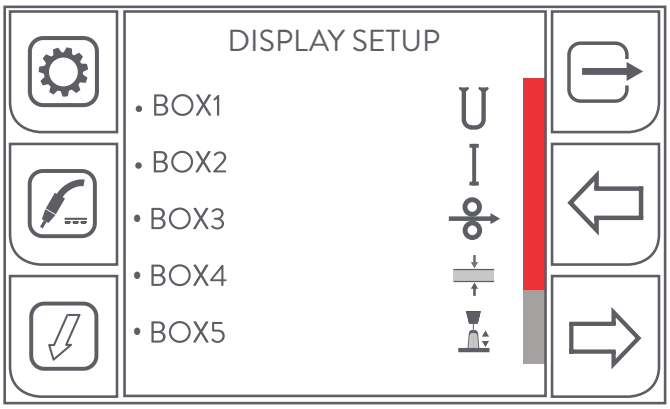
USER INTERFACE

USER INTERFACE

A simple interface that is easy to approach for a quick access to all parameters. The large 5” high resolution colour display permits all parameters to be easily read even in the poorest lighting conditions.

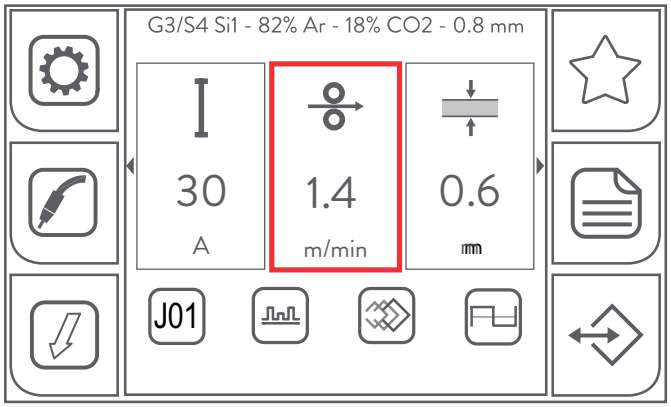
Quick Setting

The possibility to select from the panel any parameter, either through keys or through Encoder or in Touch Screen mode, allows you to quickly adapt to any condition of use.



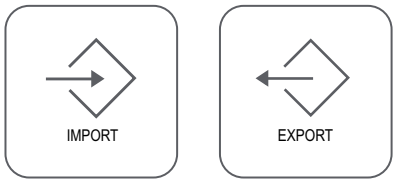
Display customizable

The users can set the display layout according to their needs.



Favorites

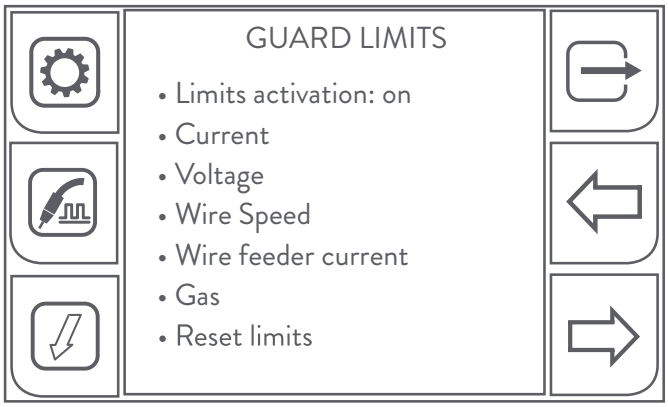
Favorite mode permits to create functions and JOBs shortcuts.

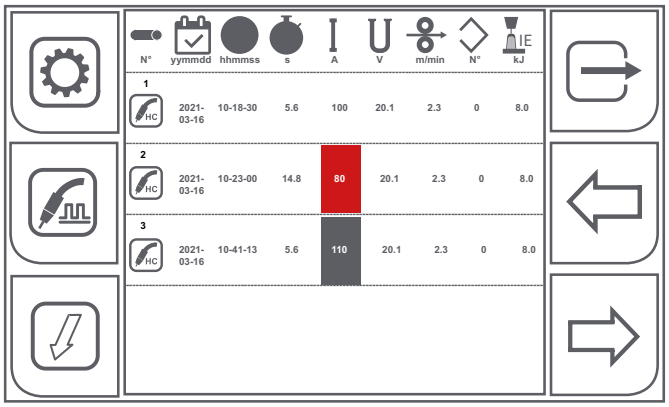


Import/Export

Import/Export Mode to “clone” the welding machine and customize any functions or adjustments.

USER INTERFACE





Guard limits

Setting of Warning and Alarm limits on welding parameters to avoid process drifts.

Weld Log

Weld log for saving welds.Exportable in csv format.

TECHNICAL DATA & MATERIALS

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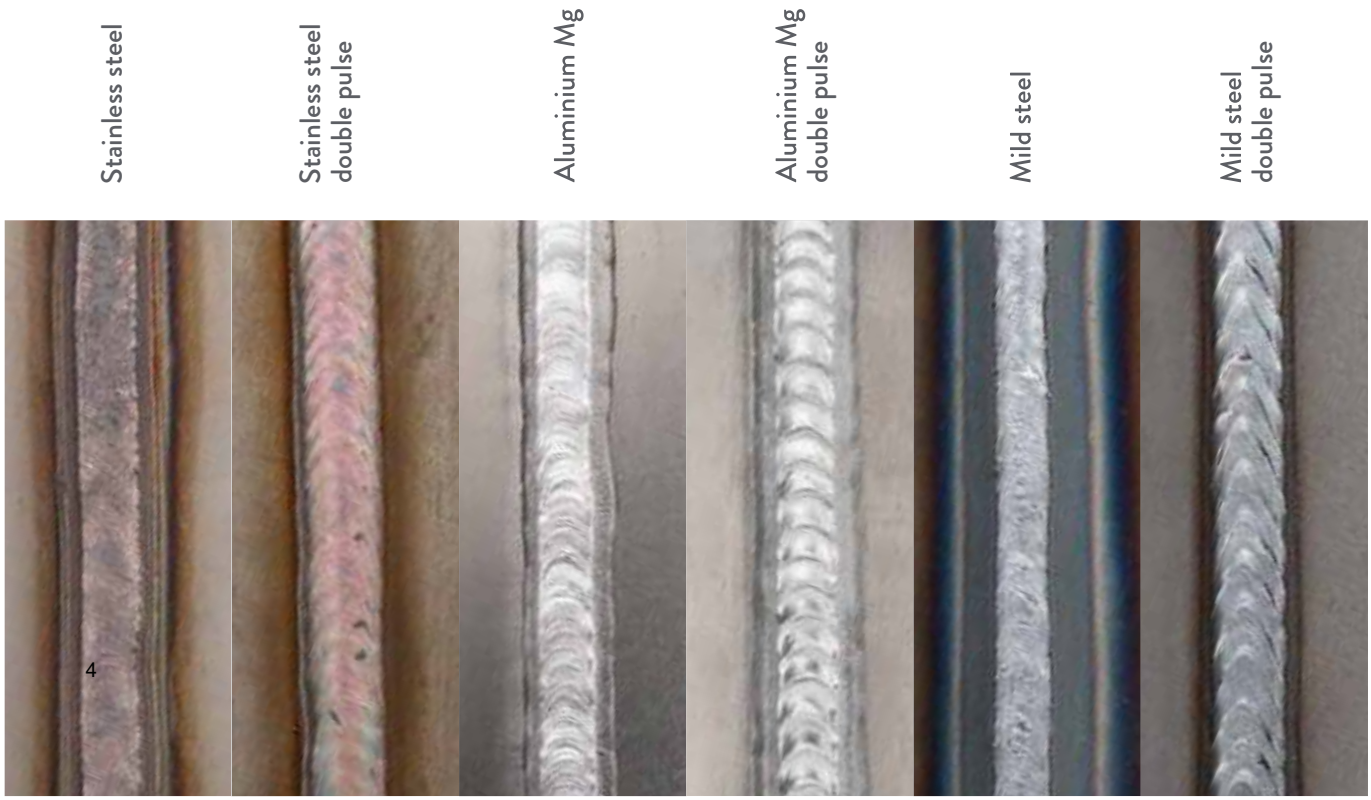
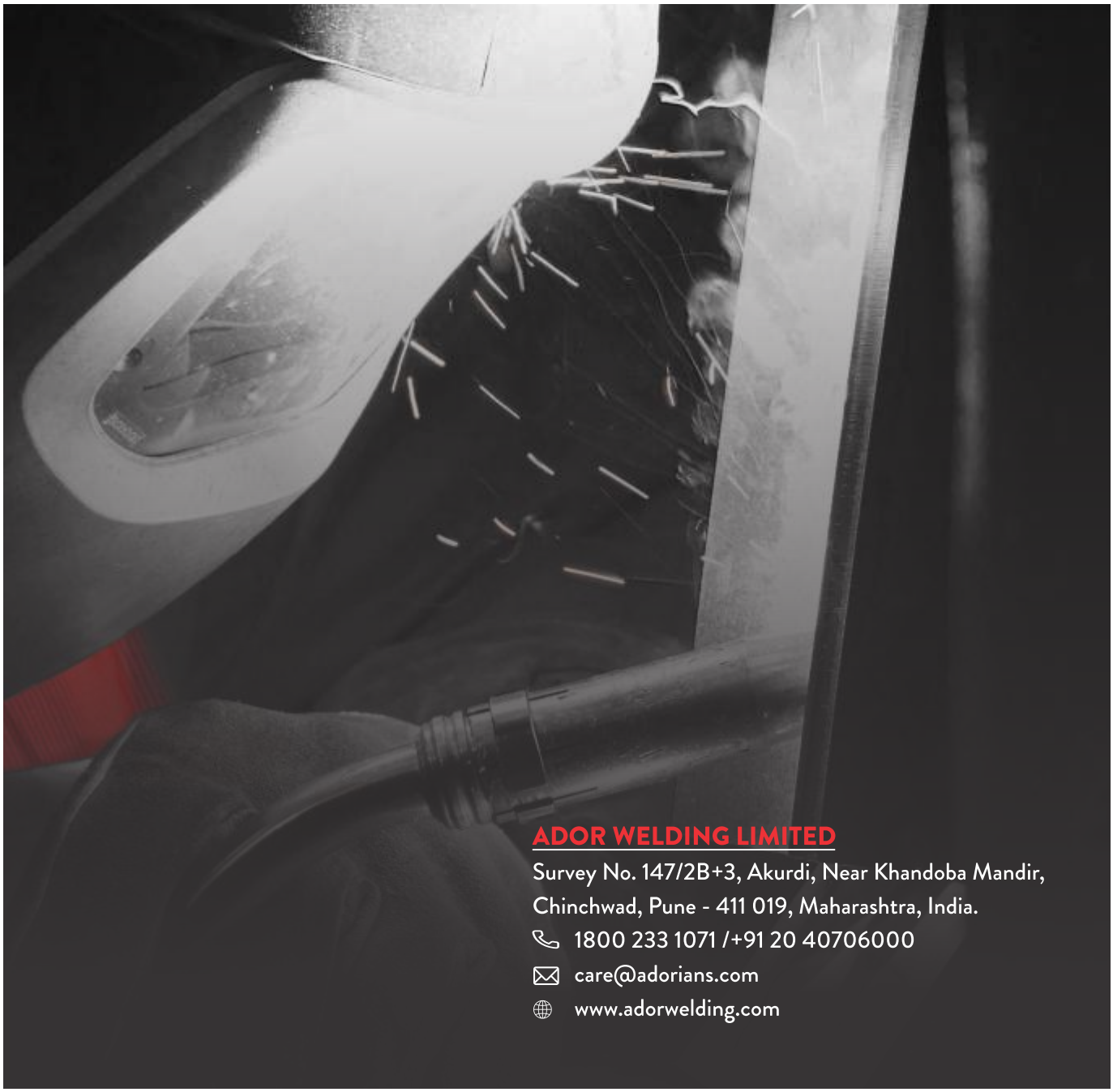
Technical Data

CHAMP PULSE 225 MICRO									
	1x230Vac ± 15% @ 50-60Hz								
	T 16A								
	MIG/MAG			TIG			MMA		
$\%_{40°C}$	30%	60%	100%	55%	60%	100%	40%	60%	100%
I_2	220A	175A	145A	220A	210A	175A	180A	155A	125A
$\%_{25°C}$	-	80%	100%	-	-	100%	-	-	100%
I_2	-	220A	180A	-	-	220A	-	-	180A
I_2	10A-220A			10A – 220A			10A – 180A		
U_0	52V / 5V								
$P_{1\,MAX}$	6,5KVA -6,4KW								
IP	23								
	509 x 226 x 368mm								
	16 Kg								

Materials





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