

Cleaning, polishing and marking of stainless steel.

OPTICLEAN

New inverter-technology installation for cleaning, polishing and marking of stainless steel.

Characteristics:

- Includes a torch with a manual pump and liquid cleaning hose inserted onto the torch itself.
- Works with alternating current and not direct current (electronic current control) "Inverter" technology.

Benefits:

- Operators no longer have to dip the pump into the liquid to clean the piece and therefore it is not necessary to interrupt the operation several times (increased productivity).
- There is no longer any risk of ruining the metal if the torch accidentally touches the workpiece.

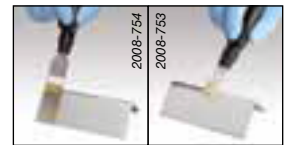


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Additional advantages:

If, instead, you usually apply cleaning gel or paste.

- **AESTHETICAL ADVANTAGE:** does not leave stains on the steel. Cleaning gel or paste, leave stains as they are very aggressive.
- **ECOLOGICAL ADVANTAGE:** does not produce toxic water requiring treatment, as the workpiece is cleaned with piece of damp cloth. In the traditional solution, for every metre of weld at least 5 litres of water have to be used to eliminate the cleaning solutions on the piece. This water becomes toxic and must be treated in very expensive treatment plants. Failure to observe the law is a criminal offence.
- **LOGISTIC ADVANTAGE:** large outdoor areas are not required for cleaning as use of the machine does not generate toxic vapour emissions or the need for water treatment plant. Being toxic, gel or paste must not be used in closed areas in order to prevent the risk of inhaling harmful vapours.
- **ECONOMIC ADVANTAGE:** It is not necessary to passivate after cleaning with OPTICLEAN. Cleaning with gel or paste, requires a further passivation phase in order to reconstruct the chromium layer weakened through cleaning. If the passivation phase is not performed, the steel will no longer be stainless in the areas where welding and cleaning were performed.



Technical Data:

Model	OPTICLEAN
Supply Voltage	220 V
Frequency	50/60 Hz
Capacity	300W
Electrode Voltage	10/30V AC/DC
Isolation Class	IP23
Noise level	<10 dB (A)
Machine weight (empty)	4,5 kg
Machine dimensions	280 x 210 x 135 mm

To order:

Equipments and products for cleaning

Reference	Name	Complete installation OPTICLEAN W 000 271 933	Extra kit cleaning OPTICLEAN W 000 271 938
-	OPTICLEAN Inverter	•	-
-	OPTICLEAN Torch	•	•
W 000 272 355	Inox narrow insert 60°	•	•
W 000 272 354	Inox narrow insert 90°	•	•
W 000 272 357	Inox standard insert 60°	•	•
W 000 272 356	Inox standard insert 90°	•	•
W 000 272 351	Narrow soft bond pad 90°	•	•
W 000 272 348	Standard bond pad 90°	•	•
W 000 272 352	Narrow soft bond pad 60°	•	•
W 000 272 349	Standard bond pad 60°	•	•
W 000 272 038	Neutral OPTICLEAN solution 100 ml	•	•
W 000 272 346	Soft OPTICLEAN solution 100 ml	•	•

Equipments and products for polishing

Reference	Name	Polishing extra kit - W 000 271 935
W 000 272 028	Narrow graphite insert 11 mm	•
W 000 272 030	Standard graphite insert 22 mm	•
W 000 272 034	Narrow brill bond pad 11 mm	•
W 000 272 036	Tampon brill bond pad 22 mm	•
W 000 272 035	Narrow teflon ring 11 mm	•
W 000 272 037	Standard teflon ring 22 mm	•
W 000 272 347	Brill OPTICLEAN solution 100 ml	•


Equipments and products for marking

Reference	Name	Marking extra kit - W 000 271 936
W 000 272 039	Graphite marking insert 35 mm	•
W 000 272 040	Marking felts insert	•
W 000 272 041	Stainless steel marking electrolyte 100 ml	•

DECLARATION OF CONFORMITY

- CE
- Machinery Directive 98/37/EC and its subsequent modifications
 - Low-voltage Directive 2006/95/EC
 - Electromagnetic Compatibility Directive 2004/108/EC

And the following harmonised standards:
DIN EN ISO 12100-1, DIN EN ISO 12100-2, DIN EN 60204-1, EN 55011, DIN EN 61000-6-4, DIN EN 61000-6-2, EN 61000-4-2, EN 61000-4-4.

-  Directive 2002/95/EC (RoHS Directive) – concerns the restriction of the use of six specific hazardous substances (cadmium, mercury, lead, hexavalent chromium, polybrominated biphenyls – Pbbs, and polybrominated diphenyl ether PBDE) in electrical and electronic appliances sold in the EU.

We recommend the users of OPTICLEAN to wear a disposable respirator in order to protect them from vapours and fumes while :

- using polishing solution in a intensive mode,
- working inside a tank or in confined areas.