



INT-SLS-1002 Basic International Welding Accessories

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Information Class: Confidential



MagicCleaner 150/300



Cleaning of Stainless CrNi-Steel

Different processes and the advantages of Magic Cleaning.

Cleaning processes

- Pickling
- Sand-blasting
- Grinding
- **Electrochemical cleaning**

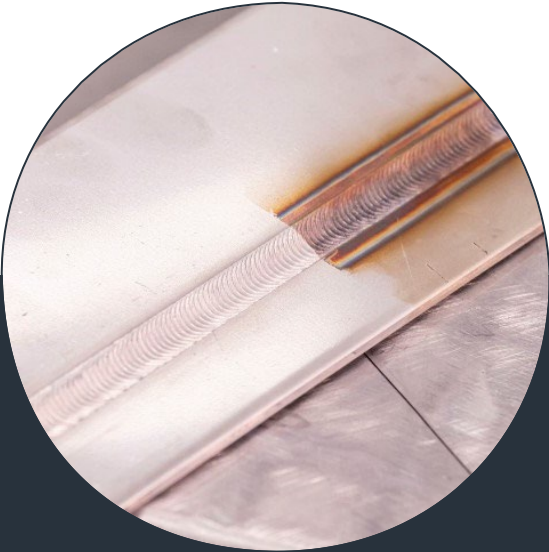
Advantages of Magic Cleaning

- Economical cleaning of stainless steel surfaces
- Dosed electrolyte consumption
- Cleaning and passivating in one
- No subsequent passivation needed



MAGIC
CLEANER

3 Different Processes



Cleaning (AC-Current)

The electrochemical **cleaning** process uses AC-current and electrolyte liquid to remove tarnish after welding.



Polishing (DC-Current)

Electrochemical **polishing** is a process that removes part of the base material from the workpiece and brightens the weld seam.



Printing

For **marking** stainless steel permanently you need in addition:

- Printing foil
- Special electrolyte liquid

MagicCleaner 150

Highlights

- Light weight 4,5kg
- Ready to use in 2 steps

Existing certifications

CE, UKCA, UL/CSA, CCC, EAC, AUS/NZ

Easy to use

- Select the right process
- Power adjustment

Housing

- Proven housing
- IP23-Protection

Small cleaning torch

- Manual electrolyte dosing
- Mountable 0,1 liter tube

Torch holder

For easy pad mounting



MagicCleaning



MagicPolishing



MagicPrinting

MagicCleaner 300

Powerful cleaning torch

Integrated compressed air blowing system
(Patent)

Easy to use

- Select the right process
- Power adjustment
- Integrated tank (1,8 liter)
- Liquid pump (manual/automatic)

Existing certifications

CE, UKCA, UL/CSA, CCC, EAC, AUS/NZ



Highlights

- Ready to use in 3 steps
- Integrated tank (1,8 liter)
- Torch with compressed air blowing system

Inverter technology inside

- Weight reduction
- Energy saving

Housing

- Proven housing
- IP23-Protection



MagicCleaning



MagicPolishing



MagicPrinting

Technical Data

	Magic Cleaner 150	Magic Cleaner 300
Mains voltage -15 / +10%	230V / 50/60 Hz or 100 - 110V / 50-60 Hz	230V / 50/60 Hz or 100 - 110V / 50-60 Hz
Mains fuse	6,3 A	10 A
Maximum primary power	500 VA	1000 VA
Output current	0 - 15 A	0 - 30 A
Output voltage	0 - 30 V	0 - 30 V
Output power	450 W	900 W
Open circuit voltage	30 V	30 V
Liquid dosing rate	Manual	1 - 3,6 l/h
Liquid tank	100ml Tube	1,8 l
Protection class	IP 23	IP 23
Dimensions l x w x h	365 / 130 / 285 mm	558 / 210 / 369 mm
Weight	4,5 kg	14 kg

Variants in Detail



MagicCleaner 150

Mains plug EF	4,075,253
Mains plug CN	4,075,253,005
np - without mains plug	4,075,253,008

MagicCleaner 150 MultiVoltage

Mains plug B	4,075,253,631
np - without mains plug	4,075,253,638



MagicCleaner 300

Mains plug EF	4,075,254
Mains plug CN	4,075,254,005
np - without mains plug	4,075,254,008

MagicCleaner 300 MultiVoltage

Mains plug B	4,075,254,631
np - without mains plug	4,075,254,638

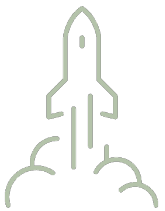
Product Benefits



Ready to use in max. 3 steps



3 processes are available



Inverter based cleaning
technology



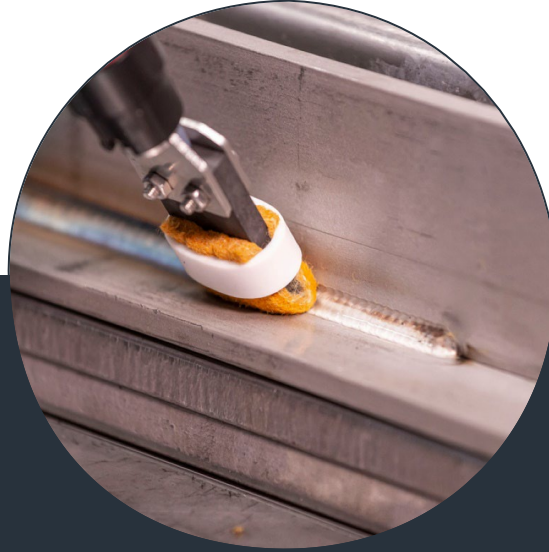
Torch Attachments



Graphite electrode

Using for linear movement:

- Linear welds
- Corner joints
- T-joints
- Butt welds



Tungsten electrode

Using for linear movement:

- Linear welds
- Corner joints
- T-joints
- Butt welds



Carbon fiber brush

Typical applications:

- Welded pipes,
- Undercuts,
- Very sharp corners
- Complex shapes

Overview Liquids

Cleaning/Polishing red



Using for:

- Intensive & highly demanding cleaning
- Fast cleaning
- Polishing

Classification:



Cleaning blue



Using for:

- Normal Cleaning operation
- Lower CLP classification
- Easier to store and transport

Classification:



Printing



Using for:

- Printing operation

Classification:

Printing white:



Printing black:



Neutralizer



Using for:

- Neutralizing the surface after electro-chemical process

Classification:

EU: -

USA:



MX,BRA,UK:





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