

# Technical details

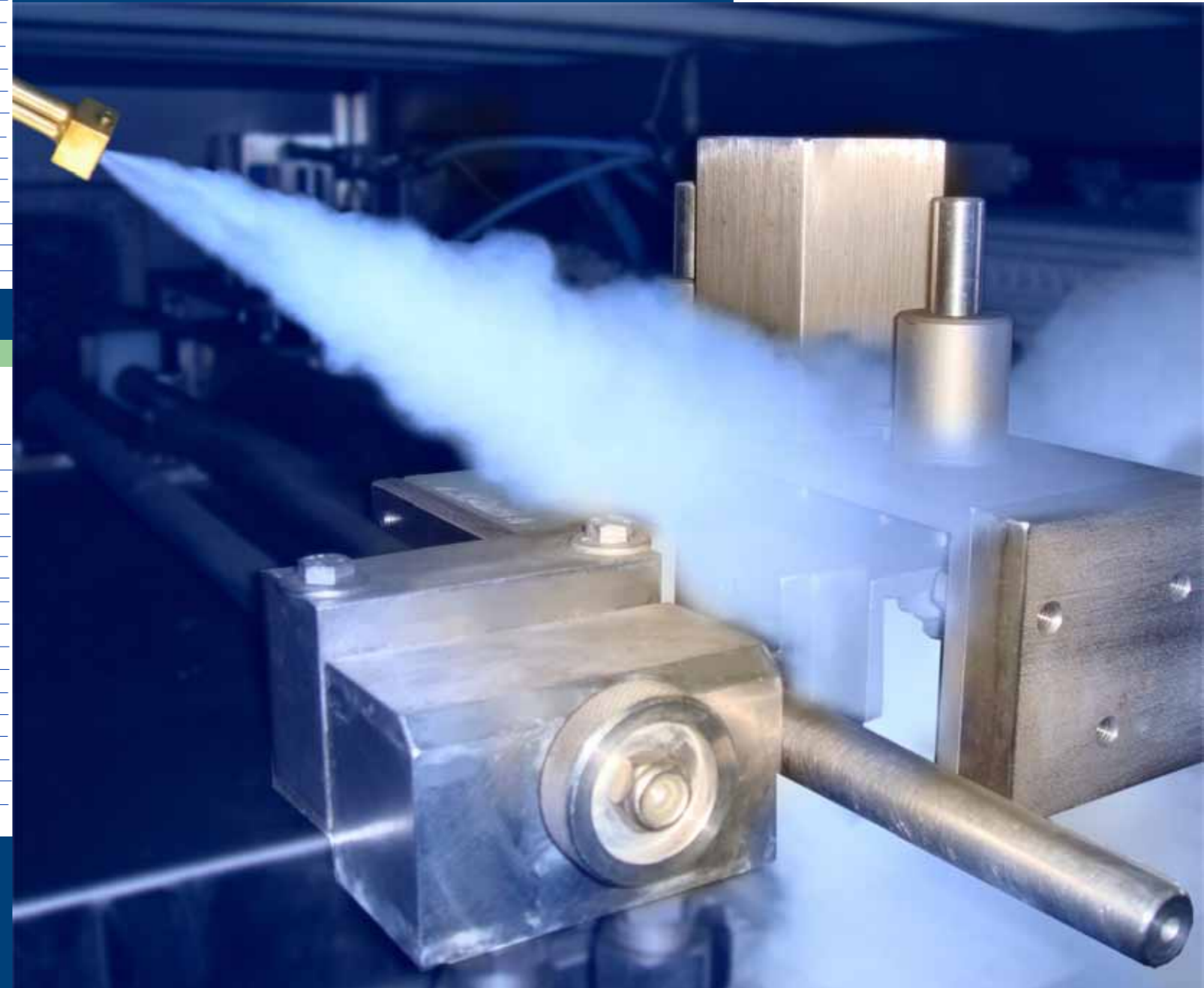


Steamtechnology

Modern cleaning technology for production plants, machinery, components and workpieces.

Mobile model		SUPER	SPECIAL 2	MAXI-4	
Voltage	V	400	400	400	
Current consumption	A	14	27,3	54,7	
Output	kW	9	18	36	
Thermal output	kcal/h	7.700	15.462	30.924	
Operating pressure	bar	10	10	10	
Number of steam generator		1	2	4	
Steam output	Kg/h	12,8	25,7	51,4	
Temperature in the generator	°C	180°	180°	180°	
Temperature at the nozzle exit (steam)	°C	110:150	120:150	120:150	
Temperature at the nozzle exit(steam+additive)	°C	ca. 73°	ca. 100°	ca.100°	
Water storage tank	l	50	110	2x50	
Additional product storage tank	l	1,4	2x1,4	5	
Water consumption	l/h	13	25	50	
Maximum hose length	m	18	20	36	
Time from switching on to standby	min	4	4	4	
Working hours per day	h	24	24	24	
Preparation for extraction		SERIE	SERIE	SERIE	
Dimensions	Length	mm	880	1.055	1.390
	Width	mm	520	700	900
	Height	mm	910	815	1.050
	Weight	Kg	80	165	257

Stationary model		GIOVE	9KW	18KW	36KW	72KW
Voltage	V	400	400	400	400	400
Current consumption	A	14	27,3	54,7	109,4	109,4
Output	kW	9	18	36	72	72
Thermal output	kcal/h	7.700	15.462	30.924	61.848	61.848
Operating pressure	bar	10	10	10	10	10
Number of steam generator		1	2	4	8	8
Steam output	kg/h	12,8	25,7	51,4	102,8	102,8
Temperature in the generator	°C	180°	180°	180°	180°	180°
Temperature at the nozzle exit (steam)	°C	110:150	120:150	120:150	120:150	120:150
Temperature at the nozzle exit(steam+additive)		ca.73°	ca.100°	ca.100°	ca.100°	ca.100°
Additional product storage tank	l		Depending on the design			
Water consumption	l/h	13	25	50	100	100
Maximum hose length	m	18	20	36	36	36
Time from switching on to standby	min	4	4	4	4	4
Working hours per day	h	24	24	24	24	24
Preparation for extraction			Depending on the design			
Dimensions			Dependind on the design			



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# Save costs - Improve cleaning

# Reduce downtimes

### Steam cleaning - quick, through, easy!

Dirt and waste are unavoidable wherever work is going on. During production processes, oil and other lubrication and conservation substances, as well as all types of production residue, settle on machinery and workpieces, bind dust and dirt or collect in poorly accessible areas. This doesn't just affect the optical appearance, it can also cause faults and result in downtimes in the production process because of unplanned work interruptions.

### We provide you with what you need!

Tailored to your needs - R.E.A. supplies mobile and stationary steam cleaning equipment from 6 to 72 kW.



Mechanical removal of this type of dirt is often difficult and costly, taking a lot of time and occasionally completely impossible. This is not the case with steam technology. Using steam, it is possible to reach nearly any part of a machine or workpiece, the cleaning quality is the same all over and the requirements in chemical detergents are minimal.

### Avoid cost intensive travel and holding times

Profit from the flexibility of mobile steam cleaners and the SAT 1200 cleaning table. Use the environmentally friendly combination for cleaning parts in the workshop.



Steam, the alternative to solvent for pre-treatment prior to colouring!

Thorough, gentle cleaning - even sensitive components don't get damaged!



Clean machinery and equipment are a guarantee for trouble-free production processes, improve product quality and reduce downtimes. Last but not least, a clean environment increases employee motivation and leaves them free to devote themselves completely to their designated responsibilities.



System easily transported to site for major repairs or TPM work. Here, you can clean the machine and dismantled parts immediately.



# Clean production plants, machinery, components and workpieces - anywhere and everywhere!

## Ecological, flexible, effective

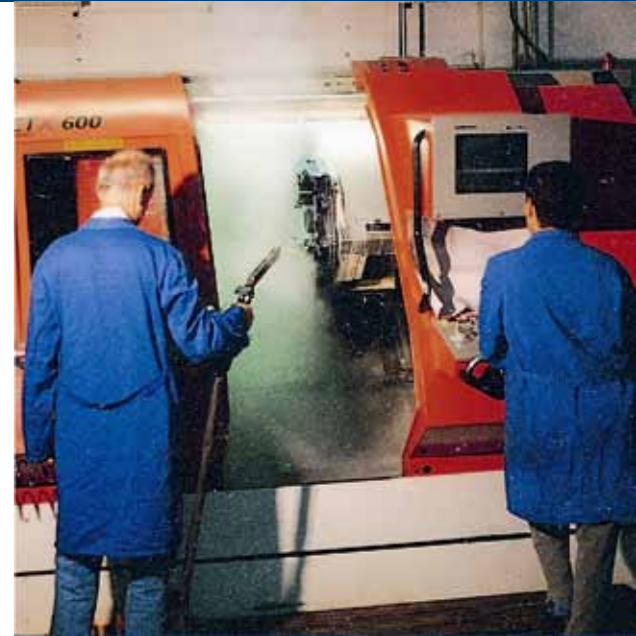
The mobile steam cleaning equipment from R.E.A. removes dirt even from the most inaccessible areas without any great expenditure in time and labour. It is ready for use in no time and easy to control using the operating handle. With the electrical heating, there is no exhaust and a 24 volt control ensures danger-free operation. Electric components are not damaged by the steam, though

## Constant cleanliness throughout the complete plant

Thanks to steam, you can achieve a maximum of cleanliness and hygiene - not just for machine cleaning but also for transport equipment, doorways, apparatus etc.



The high temperature of the steam ensures rapid drying and availability of the complete system and workpieces. As the saturated steam is not conductive, there is no danger of a short-circuit of electrical and electronic components and the addition of passivating substances simultaneously prevents the formation of rust when cleaning. In comparison with other cleaning processes, the cleaning time is down by 80 % and the water requirement by up to 95 %.



Quick, problem-free cleaning on site without any restricting effect on the environment.

Improved adhesion of paint and layers on steam cleaned surfaces and workpieces.

dirt is cleaned from components which would otherwise have to be removed. The low level of water consumption without poisonous or dangerous additives contributes to reducing disposal costs considerably. The performance range of the steam cleaning machines ranges from 6 to 36 kW. They also provide a constant steam quality at temperatures of up to 150°C at the nozzle exit even during continuous operation. In the event of extreme soiling, an environmentally friendly cleaning product can be added to the steam.

## Environmentally friendly cleaning, degreasing and phosphating prior to coloration.

Components to be painted or coated are cleaned evenly and free of residue. The "contact" temperature of around 100°C allows the removal of oil and grease without bringing to the boil; in addition, the treated components dry quickly and can be further processed.



## Clean floors - easy and environmentally friendly

In combination with a floor cleaning set, the R.E.A. steam cleaning equipment cleans even highly soiled floors without the addition of poisonous or "aggressive" cleaning materials. Even difficult to reach areas directly on the machine are accessible. Dirty water is extracted "under steam" so that there is no residue left on the immediately dry floor.



The floor cleaning set consist of a cleaning unit with a wet steam extractor and suction hose.



We manufacture cleaning benches in all sizes to suit your requirements, e.g. with grid platforms, turning plates and possible crane loading.



# Non-stop operation with online-cleaning

## Integrate cleaning into your production process

The modular designed stationary steam cleaning system are space saving and fit into your production process in the respective required design.

By direct inclusion into the production rhythm you avoid resting times and other delays in the production progress.

Tunnel run-through system for cleaning components, including those with difficult to reach intermediate areas such as radiators!  
(see illustration on right)

Flow cleaning chamber - for pipes and profiles.  
The chambers are adapted to suit the respective cleaning tasks.  
The addition of supplementary products is possible.

## The following process alternatives are possible depending on requirements:

- 1) Individual cleaning in the cleaning chamber
- 2) Continuous belt system for bulk material
- 3) Continuous cleaning chambers for long workpieces
- 4) Robot-controlled steam guns for cleaning defined areas

With chamber system, option of using exhaust heat for pre-heating the feed water.



Tunnel system for mechanical components

Metal strap-de-greasing system  
Belt width: up to 2 m



Space-saving cleaning for long workpieces  
The continuous cleaning chambers for wire, profiles and sheet steel integrated into the production line only require a small amount of space.

# Standard systems



SUPER	
Output	kW 9
Operating pressure	bar 10
Steam output	Kg/h 12.8
Water consumption	l/h 13



SPECIAL 2	
Output	kW 18
Operating pressure	bar 10
Steam output	Kg/h 25.7
Water consumption	l/h 25



MAXI -4	
Output	kW 36
Operating pressure	bar 10
Steam output	Kg/h 51.4
Water consumption	l/h 50



GIOVE	
Output	kW 9 - 72
Operating pressure	bar 10
Steam output	Kg/h 13-100
Water consumption	l/h 13-100

GIOVE - The stationary system for use at washing points and cleaning cabins.

The right standard accessories for your requirements.  
Other accessories on request!

## kit 1 + 4

Hose package with control unit, long lance, brush holder with attachment, wiper, short lance.



## kit 1 + 3

Hose package with control unit, long lance, brush holder with attachment, short lance.

