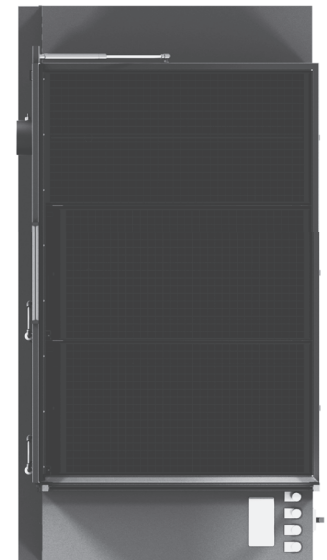
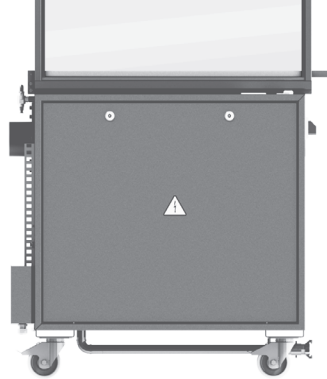
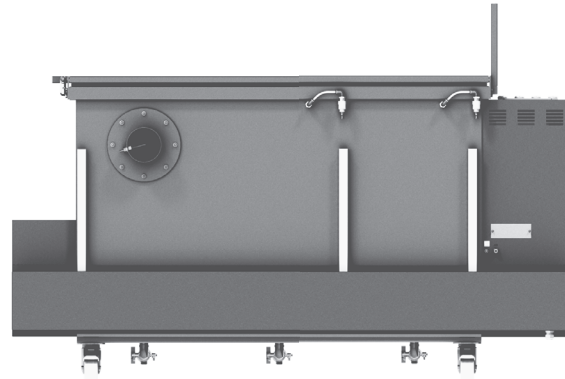
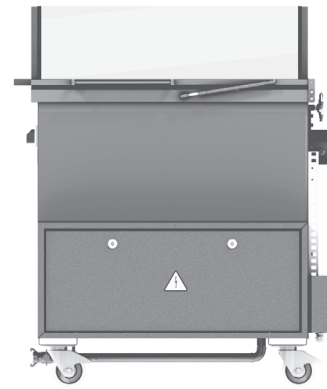
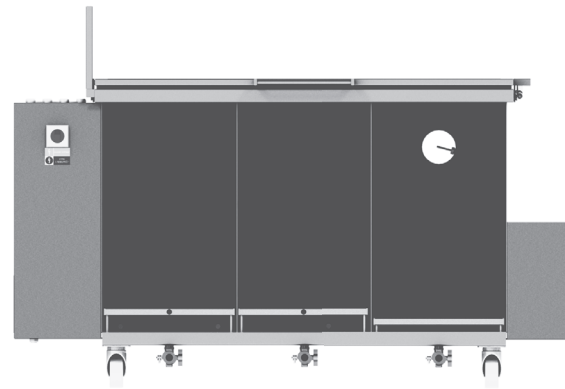


Airjet[®]

366 mCRD
486 mCRD

Cleaning technology: **Air bubble**



Technical parameters

Device dimensions	366	1280 × 650 × 950 mm
	486	1550 × 900 × 950 mm
Min. service space around device	600 mm	
Max. dimensions of cleaned parts	366	320 × 560 × 550 mm
	486	400 × 750 × 550 mm
Weight	366	170 kg
	486	250 kg
Ambient temperature	15–50 °C	
Noise level	max. 53 dB	
Connection to central air pressure	Ø 6 mm; 4.5–6.0 Bar	
Device control	Touchscreen 4.6 inch PLC	

Electrical parameters

Energy consumption per 1 cycle	0.6–2.4 kWh Ø 1.7 kWh
Power supply	3+N+PE 400 V/230 V 50 Hz 3.1 kW
Power connection	plug 32A

Application

Highly recommended

- 1 Reflow and wave soldering machine parts cleaning
- 2 Soldering frames, soldering pallets
- 3 Conformal coating machines parts cleaning

01 C cleaning

Process parameters

01 4	requested amount of fluid [min.; max.]	366: 75 l; 100 l
		486: 100 l; 150 l

Process setting

01 1	technology	AIR BUBBLE
01 2	time	10-30 min
01 3	temperature	20-45 °C

03 D drying

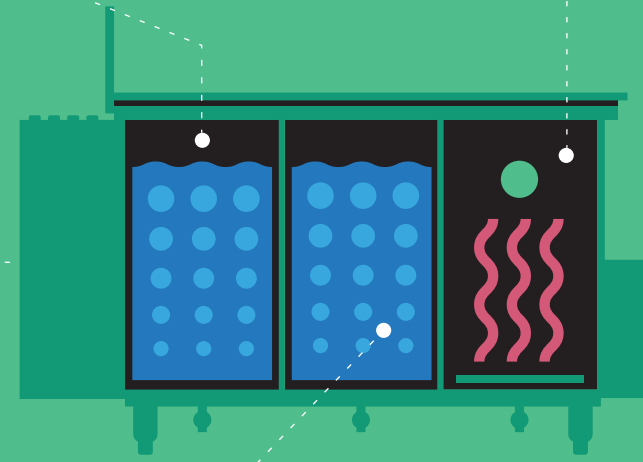
Process parameters

03 4	max. temperature	70 °C
03 5	air volume	160 m³/h
03 6	Ø exhaust pipe	100 mm

Process setting

03 1	technology	HOT AIR DRYING
03 2	time	10-45 min
03 3	temperature	40-70 °C

Processes



3 process chambers
3 individual processes

02 R rinsing

Process parameters

02 4	requested amount of fluid [min.; max.]	366: 75 l; 100 l
		486: 100 l; 150 l

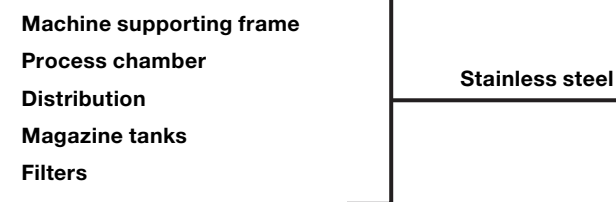
Process setting

02 1	technology	AIR BUBBLE
02 2	time	1-5 min
02 3	temperature	20-45 °C

Components we use

PTFE air distribution systems and components Festo , Germany	Touchscreen and control display and PLC Idec , Japan
Control and switchboard components Moeller/Eaton , Germany	Industrial wheels with capacity of 280 kg/wheel Blickle , Germany
Air piston Bansbach , Germany	Switchboard cabinet Rittal , Germany
Stainless steel heaters for fluids Igservice , Czech republic	Stainless steel heaters for drying Acim Jouanin , France
Stainless steel pipe Ø100 mm with thermo sensor DCT Czech , Czech republic	Bronze drain valve Giacomini , Italy
Stainless steel bubble grids with guaranteed constant air flow DCT Czech , Czech republic	Stainless steel mechanical basket DCT , Czech republic
All fasteners made of stainless steel	

DCT Construction Solutions:



Advantages

- Welded joints are easily repairable compared to non-repairable glued or welded plastic joints.
- Cleaning and maintenance of stainless steel surfaces is easier compared to plastic surfaces.
- Long service life in operating conditions – tenfolds compared to service life of plastic components.
- Not subject to negative impact of chemical waste from the washing process.
- Significantly higher degree of resistance against physical stress and mechanical wear compared to welded and glued structures and joints made of plastics
- Corrosion resistance (unlike non-corrosion resistant common steel)
- Eco-friendly and easily disposable material
- No impact of UV radiation (unlike plastic materials)

Disadvantages

- Higher weight compared to plastics
- More technology intensive and time-consuming production
- Higher price

Other commonly used materials: plastics, common steel.

Quality, Philosophy, Guarantee

- 1 Development, production and testing takes place in the Czech Republic**
- 2 High-quality components**
- 3 Extraordinary materials**
- 4 Precision and strict quality testing**
- 5 15 year guarantee on all welded stainless steel parts**

All of our activities – development, production and testing – are carried out at our office in the Czech Republic. We guarantee using only high quality, attested and reliable materials.

All components are welded from certified 304 and 316 stainless steel, thickness 2.0, 3.0 and 5.0 mm. Customers can thus be given a 15 year guarantee on all DCT welded components.

Each detail and functionality is to be made with precision – welding, wiring, completion as well as final quality testing are our responsibility.

Our machines are constructed using Solidworks 3D CAD which enables us to constantly introduce innovations to our industry.

