



TECHNICAL DATA SHEET



Sausage dog

InJet® TWIN 388 CRRD

- ★★★ PCB cleaning
- ★★★ STENCILS cleaning
- ★★★ PUMPRINTS cleaning





TECHNICAL PARAMETERS

Dimensions (w x l x h)	1050 x 2580 x 1825 mm
Weight	650 kg
Ø energy consumption per 1 cycle	1,54 kWh
Cleaning fluid consumption per 1 cycle	0,05 – 0,2 l
Compressed air consumption per 1 cycle	1 l / 5 Bar
Max. dimensions of the cleaned parts	130 x 810 x 740 mm
Exchangeable mechanical filter of cleaning fluid	20 - 100 µm
Exchangeable mechanical filter of rinsing fluid	5 - 20 µm
Operating pressures	Cleaning 1,5 Bar - 2,8 Bar 1. Rinsing 0,1 Bar - 2 Bar 2. Rinsing 0,8 Bar - 2,3 Bar
Cleaning fluid flow rate	125 l/min
Temperature range setting of the cleaning fluid	From ambient temperature to 60°C
Temperature range setting of the 1. rinse fluid	From ambient temperature to 60°C
Temperature range setting of the 2. rinse fluid	From ambient temperature to 60°C
Conductivity range settings of the rinse fluid	0 – 200 µS/cm
Temperature range setting of the drying	From ambient temperature to 80°C
Noise level	< 70 dB
Device control	PLC + 8,4" touchscreen



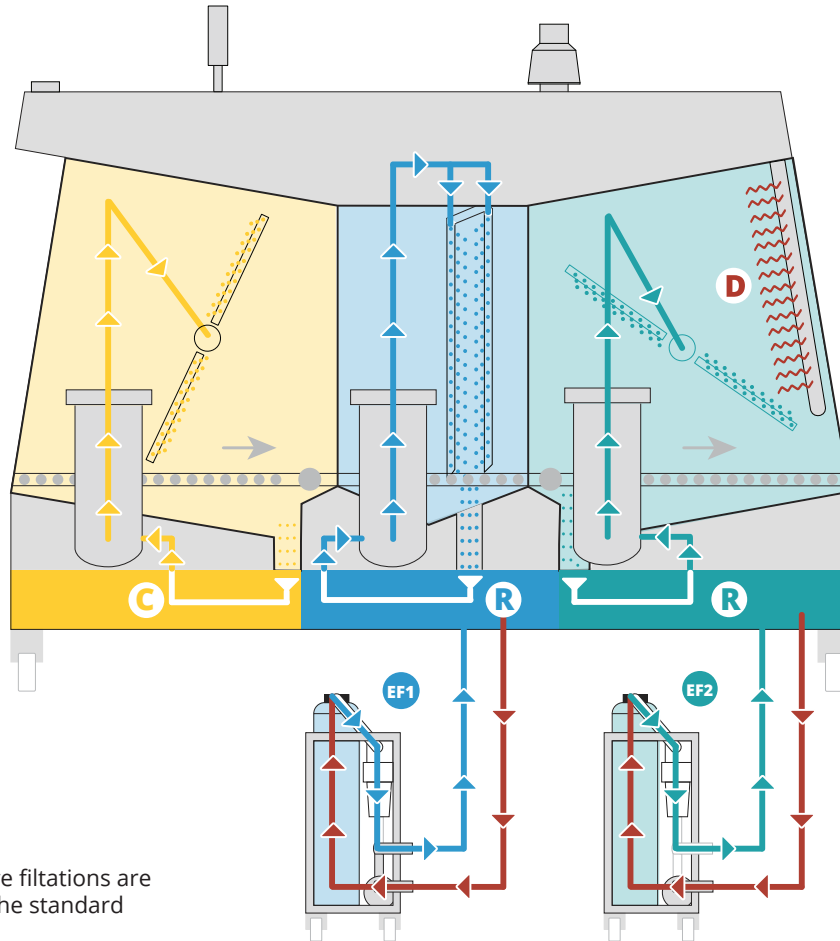
INSTALLATION REQUIREMENTS

Power supply	400 V, 50Hz (3+N+PE)
Power connection	EU 32 A
Pmax	16 kW
Connection to central air pressure	Pipe Ø 6 mm and Ø 10 mm
Recommended working pressure	5 Bar
Exhaust pipe diameter	2 x Ø 100 mm
Exhaust pipe capacity	580 m ³ /h
Volume of the storage tanks for cleaning	75 l
Volume of the storage tanks for 1. and 2. rinsing	2 x 75 l
Service space required around the device	600 mm



4 INDIVIDUAL PROCESSES

- C** CLEANING
- R** 2. RINSING
- EF1** External filtration - 1. RINSING
- R** 1. RINSING
- D** DRYING
- EF2** External filtration - 2. RINSING



External active filtrations are not parts of the standard delivery.



CLEANING PARAMETERS

Application name	Application recommended	Recommended temperature	Recommended time	Capacity per shift
PCS	★★★	35 – 55°C	15 min.	768*
Stencils	★★★	20 – 40°C	15 min.	48
Pumpprints	★★★	40 – 55°C	38 min.	28

★★★ highly recommended
 * eurocards (100x160 mm) per 8 hours (work shift)

STANDARD EQUIPMENT

3 process chamber, full automatic solution

PLC + 8,4" touchscreen

uncontrolled rotation arms - 2 arm

lockable travelling wheels

100% closed circuit

cleaning fluid heating

rinsing fluid heating

hot air drying

Emergency stop button

chimney flap with draft diverter

pneumatic door lock

2 powerful hot air blowers

electronic monitoring of the fluid pressure

high capacity stainless steel filter housing - DCT utility design

100% stainless steel design - 15 years warranty:

- *cleaning, rinsing and drying distribution*

- *process chamber*

- *storage tanks*

designed for easy maintenance and servicing

optimized stainless steel nozzles

spare parts (base kit)

OPTIONAL ACCESSORY - MANUFACTURING PART OF THE MACHINE

Controlled rotation arms – adjustable speed - 2 arms

Controlled rotation arms – adjustable speed - 3 arms

Additional drying technology – air knife

Fluid leakage tray - stainless steel

Status light

acoustic signalization

Barcode reader, including software

Traceability offline (CD view SW)

continued on next page

traceability online OPC server

SW for CVA calculation (installed on android platform or cleaning device)

conductivity measurement - pre-rinse circuit

conductivity measurement - rinse circuit

2. touchscreen 4,6" on output chamber



OPTIONAL ACCESSORY - NOT MANUFACTURING PART OF THE MACHINE

Mechanical carrier frame for PCBs

Spare adjustable arm for mechanical carrier frame for PCBs

Mechanical table holder for PCBs or stencils

External pump for comfortable fluid refilling

External pump manipulation trolley – position for pump and 2 x 25 liter can

200 l tank for pre-rinsing - output into sewerage

25L External filtration set 3 x 25 lit (1 x Active Carbon, 1 x mech. filter, 2 x Ionex, 1 x mech. filter)

60L External filtration set 3 x 60 lit (1 x Active Carbon, 1 x mech. filter, 2 x Ionex 1 x mech. filter)



OPTIONAL ACCESSORY - INDIVIDUAL ORDER

Mechanical carrier frame for squeegees DEK

Mechanical carrier frame for VectorGuard stencils

Mechanical carrier frame for frameless stencils

Mechanical carrier frame for small stencils (15,17 and 23 inch)

Mechanical carrier frame according customer specification

OPC server setting - IT specialist service

Automatic fluid refilling

Automatic fluid discharging

other customized modifications



Date of issue: **4 January 2016**
Injet® is a registration trademark of DCT Czech s.r.o.

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