



INNOVATION IN
PLASTIC
INJECTION
EQUIPMENT



	CA2	CS2	CP2
Operating mode	automatic	semiautomatic	manual
Power	3 phase/400V AC	3 phase/400V AC	230V AC
Control/touch screen	10"	7"	3,5"
number of cleaning sections	2	2	2
cleaning media tank	100L	80L	80L
diagnostic media tank	55L	25L	18L (option)
Diaphragm pumps (L/min)	2x25	2x25	25
Cavitation generator (L/min)	2x25	2x25	2x25
Inflow heater	6kW	6kW	-
suction filter	yes	yes	yes
return filter	yes	yes	yes



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CLEANING			
Hydromechanical, hybrid cleaning process based on the cavitation phenomenon	yes	yes	yes
flow reversal	-	yes	-
Autonomous cleaning mode until stable reference flow is reached	yes	-	-
The cleaning time of each channel is defined independently. The process lasts only as long as necessary.	yes	-	-
channel airflow after cleaning	automatic	manual	manual
export of mold cleaning results to external devices	yes	yes	-
Record of mold cleaning history in the machine's database	yes	-	-



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DIAGNOSTICS			
pressure test for leakage identification	automatic	manual	manual
blockage test for clogging identification	automatic	manual	manual
mold diagnostics with unmanned, automatic transition to cleaning	yes	-	-
Measurement of the flow rate with the possibility of comparison to predefined results saved in the database	yes	-	-
Real-time flow measurement	-	-	yes
Drying channels with compressed air after diagnostics	automatic	manual	manual



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POSTPROCESS OPERATIONS			
Channel rinsing with external water supply	yes	yes	-
Neutralization of cleaning agent residues in the channels after cleaning	yes	yes	yes (option)
Possibility of additional protection of channels with a corrosion inhibitor	yes	yes	yes (option)



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ADDITIONAL FUNCTIONS			
Tank filling and emptying	automatic	manual	manual
monitoring of suction filter clogging level	yes	yes	-
calibration of parameters and work algorithms	yes	-	-
Record of operating hours for individual pumps and pulsators	yes	yes	-
Record of cleaning agent operating hours	yes	yes	-
Remote software updates	yes	-	-
creation of user accounts with different levels of access to machine functions	yes	-	-
Software available in different language versions	yes	yes	
Built-in drain valve for emergency emptying of tanks	yes	yes	yes
compressed air source efficiency control	yes	yes	-
measurement of pH and conductivity of the cleaning solution	manual	manual	manual



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SAFETY			
a set of sensors and algorithms ensuring stable and safe operation	yes	-	-
leakage detection system	yes	yes	-
liquid level measurement in the tank	yes	yes	yes
liquid temperature control combined with automatic heater activation/deactivation	yes	yes	-
Heating element damage control	yes	yes	-
identification of faulty phase connection	yes	yes	-
Control of the continuity of the liquid flow through the heater system	yes	yes	-
additional protection against tank damage and leakage	yes	-	-
moisture detection in pneumatic system	yes	yes	-



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SERVICE			
Modular design allowing for easy replacement of components	yes	yes	yes
Remote assessment of the cause of device failure	yes	-	-