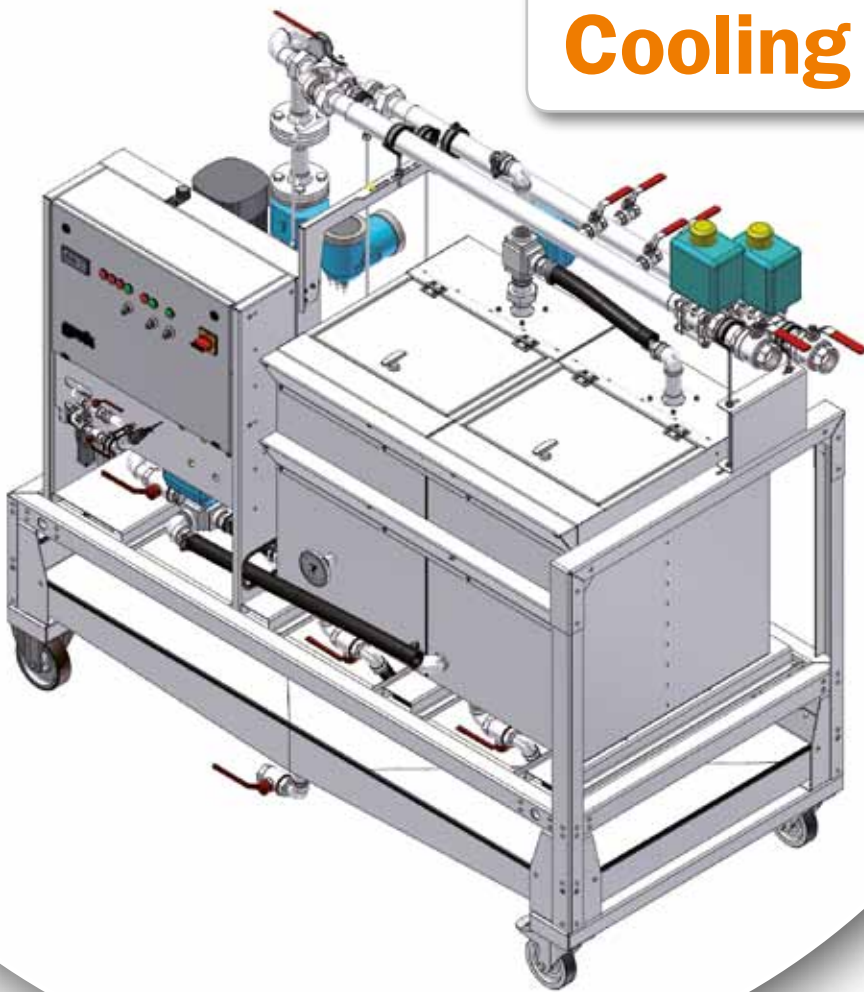




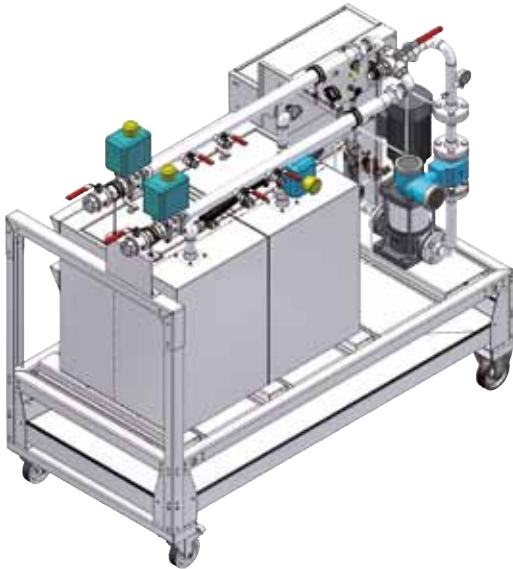
moldclean mc cr **Cooling roller cleaning**



Efficient cleaning of dirty
cooling rollers - reducing
cooling time

gwk

moldeclean mc cr



• = Standard / o = Option / - = not available

Lime and corrosion are hidden cost drivers. The two “enemies of productivity” inevitably extend the cooling time, reduce process reliability and have a negative effect on the properties of the moulded parts.

The problem creeps in at each plastic processing company because lime and corrosion slowly form an insulating layer in the cooling rollers, which results in an ever worsening heat transfer. Often the problem is not recognized until the required product quality can no longer be reached, or until a total failure of the systems occurs. Depending on the degree of accumulated dirt, the cleaning of cooling rollers reduces energy consumption/cooling time by up to 40 %, and in some cases even more.

The special feature of this device is its user-friendly design. The controls are clearly arranged and their functionality is easy to understand. The operator controls all cleaning parameters during the cleaning procedure.

Technical data

	moldeclean mc cr
Carrier medium	water
Cleaning agent	CC 103, CC 506, CC 507
Neutralising agent	NA 2 liquid
Max. circulation temperature	50 °C
Nominal pump rating	166 l/min., 4 bar
Circulation medium supply/return flow	Rp 2 (1 x) + Rp 3/4 (2 x)
Drainage	Rp 1 (3 x)
Operating voltage	400 V / 50 Hz, 3 Ph, PE
Control voltage	230 V / 50 Hz
Heating capacity	6 kW
Connected load	8,2 kW
Filling volumes (standard)	100 l (2 x)
Filling volumes with larger containers (optional)	200 l (2x)
Empty weight (standard)	398 kg
Empty weight with larger containers (optional)	419 kg
Dimensions in mm (W x D x H) (standard)	2.307 x 1.075 x 1.839
Dimensions in mm with larger containers (W x D x H) (optional)	2.307 x 1.075 x 2.124
Pump made of stainless steel	•
pH display	•
Flow meter	•
Automatic switching between cleaning cycles	•
Integrated heating in order to accelerate the cleaning process	•
Dirt trap	•
Common stainless steel container for cleaning and neutralisation solution	-
Separate stainless steel container for cleaning and neutralisation solution	•
Integrated stainless steel drip tray incl. drain	•
Splash proof electrical system	•
Connection for compressed air drainage	•
Stainless steel fittings	•
Temperature indication	•
Level monitoring system	•
Flow direction reversal (DFRU) manual	o
Flow direction reversal (DFRU) automatic	o
Larger containers	o
Compressed air pulse cleaning	o

Equipment

Options