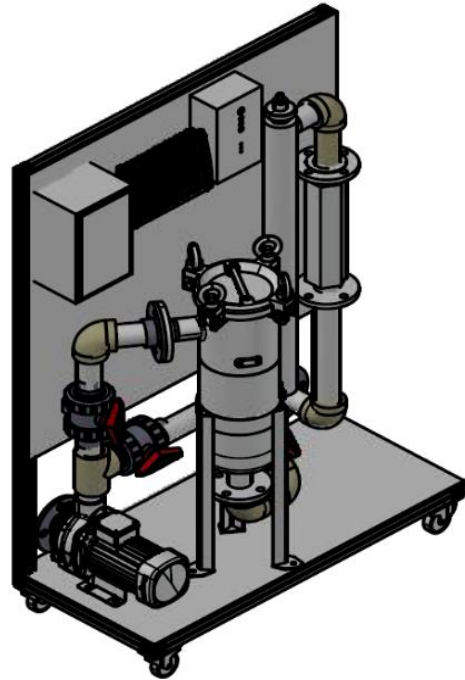


Bauer-Skid-PJM 50F

Bypass circulation system for chemical-free physical treatment and conditioning of cooling water and/or water-based liquids.

System design:

- **Pump**
circulating pump
pipe system and valves
- **filter system** - high performance filter
filter HB1 F50
filter accessories
- **UV system**
UVC-1-90-14
control unit
reactor with monitoring on request
- **pipejet®** - conditioning system
PJM 50F HST EU
control unit incl. signalling cable
treatment pipe
- **switch cabinet**
- **frame**
screwed aluminium profiles
with base plate and rear panel; PE
- further equipment as required, on request
castors with brakes on request



Bauer-Skid PJM systems with the main product pipejet® are connected to the tank in the bypass and are responsible for treating the water as well as possible - without chemicals - and protecting your system from the formation of new deposits.

These systems are delivered in pre-set mode, as a 'plug & play' system. Their extremely reliable operation and simple handling guarantee the best possible success - reliable processes and less maintenance and service.

Your systems - tools, cooling channels, valves, heat exchangers, hydraulics or even cooling towers and, of course, your process water - are cleaned again and reliably and sustainably freed from unwanted soiling and deposits such as rust and limescale or biofilms. The dissolved particles are filtered out extremely reliably with the high-performance filter. If micro-organisms are present in your water, they are largely reduced thanks to the UV system.

Functional sequence:

pump	water is drawn directly from the tank to filter
filter	then the water is filtered; the filter is monitored and automatically vented
UV system	the water then flows through the UV system to kill the microorganisms present in the water
pipejet®	finally, the water flows through the conditioning system
pipe system	the water returns to the main tank and mixes with the untreated water
	pipe systems are available in plastic or stainless steel

Technical data – Bauer-Skid-PJM 50F

material:	material-carrying pipes; valves, flanges, or other components on request at standard version made of plastic, stainless steel version on request
connections:	in/out – je DN 50 flange - for connection to the main tank
pipejet®	PJM 50F; flange DN 50 – stainless steel; max. 14 m ³ /h
filter	HB1 F50; stainless steel; max. 15 m ³ /h
UV-system	UVC-1-90-14; stainless steel, max. 14 m ³ /h
pipes inner-Ø:	DN 50
dimensions:	height 1500 mm width 1100 mm depth 500 mm specifications may vary depending on the version and compilation
weight:	depending on version, ca. 60-100 kg
performance:	depending on the design and use of the system recommended flow velocity approx. 1 m/s up max. 2 m/s results in a volume flow approx. 7 up 10,5 m ³ /h up max. 14 m ³ /h

