WEKO FLUID SUPPLY UNITS

FLUID & POWDER COATING

	O Option	- not available					
Function	**BASIC (New Version 10/2021)**	**FLOW A**	**FLOW C**	**FLOW T**	**FLOW S**	**C-TREND**	**FlowTec**
Control / Operating							
Control / CPU	Siemens S7-1212C with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal	Siemens S7-1511C-1PN with TIA-Portal
Connection to machine control Profinet via PN/PN-Coupler	O	O	O	O	O	O	O
SIMATIC Touch-Panel (Color) 5,5"	●	-	-	-	-	-	-
SIMATIC Touch-Panel (Color) 7"	-	●	●	●	●	●	●
Technical Data							
Electrical Cabinet Dimensions	600 x 600 x 200mm	800 (1000) x 800 x 300 mm depending on options	800 (1000) x 800 x 300 mm depending on options	800 (1000) x 800 x 300 mm depending on options	1560 x 720 x 550 mm	1200 + 80 cable channel x 2000 x 500 mm and 100mm socket height	800 x 1800 x 500 mm
Power consumption (with one Rotor Carrier) (without heating element)	1.0 kVA	2.0 kVA	2.0 kVA	2.0 kVA	2.0 kVA	3.0 kVA	2,9 kVA
Tank capacity	40 liter	40 / 80 liter	40 / 80 liter	80 liter	40 / 80 liter	35 liter	80 / 120 liter
max. Spray width for 1 Rotorcarrier, single side	4,180 mm	5,694 mm (with full spray amount) 7,008 mm (with reduced spray amount)	5,694 mm (with full spray amount) 7,008 mm (with reduced spray amount)	5,694 mm (with full spray amount) 7,008 mm (with reduced spray amount)	1,460 mm	5,256 mm	5,694 mm (with full spray amount) 7,008 mm (with reduced spray amount)
max. Spray width for 2 Rotorcarrier, both side	2,190 mm (with full spray amount) 3,358 mm (with reduced spray amount)	2,774 mm (with full spray amount) 3,504 mm (with reduced spray amount)	2,774 mm (with full spray amount) 3,504 mm (with reduced spray amount)	2,774 mm (with full spray amount) 3,504 mm (with reduced spray amount)	730 mm / 2,774 mm	2,628 mm	2,774 mm (with full spray amount) 3,504 mm (with reduced spray amount)
Application safety							
Frequency controlled pump	●	●	●	●	●	●	●
Flowmeter for re-checking/ adjusting pump (for conductive fluids)	-	●	●	●	●	●	●
Mass-Flowmeter (Coriolis) for re-checking/ adjusting pump	-	O	O	O	O	-	-
Pre-Filter monitoring	-	●	●	●	●	●	●
shutter open/close monitoring	-	-	●	●	●	●	●
drive-belt breakage/elongation monitoring	-	●	●	●	●	●	●
Filtering							
Pre-filtering	Nylon 100µm (Option: Stainless steel 250µm)	Nylon 100µm (option: Stainless steel 200µm or 400µm)	Stainless steel 200µm (option: Stainless steel 400µm)	Stainless steel 200µm (option: Stainless steel 400µm)	Stainless steel 200µm (option: Stainless steel 400µm)	Stainless steel 200µm	-
Double pre-filter (manual or automatic)	-	O	O	O	O	O	-
Back/Return flow filter	Filter screen / washable strainer	Filter screen / washable strainer	Filter screen / washable strainer	Sediment filter	Filter screen / washable strainer	Filter screen / washable strainer	Belt filter
Fluid back flow	from top onto filter	from top onto filter	from top onto filter	underneath fluid surface	from top onto filter	from top onto filter	from top onto filter
Filling level	Electrical valve	Electrical valve	Electrical valve	Electrical valve	Electrical valve	Electrical valve	Electrical valve
Pump	Submerged pump	Centrifugal pump	Centrifugal pump	Submerged pump	Magnetic peripheral pump	Submerged pump	Submerged pump
Automation							
Speed compensation via machine signal	●	●	●	●	●	●	●
Draining of the tank	manual Valve (tap)	Menu guided operation (manual valve + starting the pump)	Automatic controlled (via magnetic valves)	Automatic controlled (via magnetic valves)	Automatic controlled (via magnetic valves)	Automatic controlled (via magnetic valves)	Automatic controlled (via magnetic valves)
Tank re-filling automatic	●	●	●	●	●	●	●
Separate feeding of fluid and fresh water	-	-	●	●	●	●	●
Dosing system	O	O	O	O	O	O	●
Semi-Automatic cleaning	●	●	-	-	-	-	-
Full-Automatic cleaning	-	-	●	●	●	●	●

WEITMANN & KONRAD GMBH & CO. KG
Friedrich-List-Straße 20–24 · 70771 Leinfelden-Echterdingen · Germany
Tel. +49 711 7988 0 · Fax +49 711 7988 114 · sales@weko.net

www.weko.net