

# Washer extractors

## W4180S

### Features and benefits

- **Clarus Control® with:**
  - Fully programmable microprocessor
  - All relevant wash parameters can be programmed
  - Programming from key pad or downloading via memory card
- Frequency-controlled motor with fixed wash and extraction speeds ensures smooth action in the wash and extraction sequence
- Good dewatering ability due to higher G-force compared with a traditional solid mount machine
- Solid mount construction with robust frame in galvanized steel
- Extremely low water and energy consumption – see table below
- Four compartment soap box for manual dosing of powder or liquid detergent
- Large door opening for easy loading/unloading
- Stainless and galvanized steel in all vital parts for high degree of rust protection
- SuperBalance™ guarantees the correct extraction force

### Main options

- Stainless steel front panel
- Stainless steel side panel
- Dual drain valves for water re-use



Images shown are a representation of the product only and variations may occur.

Main specifications		W4180S	
Max. capacity	kg/lb	20/45	
Drum, volume	litre	180	
diameter	ø mm	650	
Extraction	rpm	742	
G-factor		200	
Heating alternatives, 230/400V	electricity	13.0	
	steam	x	
	non-heated	x	
<b>Consumption data "Normal 60°C" * (3G01)</b>		EI	Steam
Total time	min	50	**
Water consumption (cold+hot)	litre	134+35	134+35
Energy consumption (motor/heating)	kWh	0.25/0.9	0.25
Steam consumption	kg	-	1.35
* Water temperature 15°C cold water and 65°C hot water			
** Depending on steam pressure			

Produced according to ISO 9001 and ISO 14001.

Certified with CB certificate for Low Voltage Directive and S-mark according to the Machinery Directive. Protection class IP X4D.

Electrical connections					
Heating alternative	Main voltage		Heating power kW	Total power kW	Recommended fuse A
		Hz			
Electric heated	220-240V 1 -	50/60	13.0	13.5	63
	220-240V 3 -	50/60	13.0	13.5	35
	380-415V 3N -	50/60	13.0	13.5	25
	440V 3 -	60	13.0	13.5	20
	480V 3 -	60	13.0	13.5	20
Steam or Non heated	220-480V 1 -	50/60	-	1.0	10

Water and steam connection		W4180S	
Water valves	DN	20	
Water pressure	kPa	150-400	
Capacity at 300 kPa	l/min	60	
Drain valve	∅ mm	75	
Draining capacity	l/min	170	
Steam valve	DN	15	
Steam pressure	kPa	300-600	
Liquid detergent supplies		5	
Floor requirements			
Frequency of the dynamic force	Hz	12.4	
Floor load at max extraction	kN	3.0 ± 4.8	
Sound levels			
Sound pressure level*			
Wash	dB(A)	<70	
Extraction	dB(A)	76	
Heat emission			
% of installed power, max		5	
Shipping data**			
Weight	net, kg crated, kg	228 240	
Shipping volume	m <sup>3</sup>	1.18	
Accessories			
Steel base frame		x	
Water re-use tank (Clarus Control)		x	
Hose kits for water or steam		x	
Dimensions in mm			
A	Width	750	
B	Depth	880	
C	Height	1333	
D		435	
E		915	
F		1035	
G		45	
H		1245	
I		130	
K		1225	
L		215	
M		1040	
N		325	
O		295	
P		100	
R		225	
1	Electrical connection	6	Liquid supply connections
2	Cold water	7	Control panel
3	Hot water	8	Soap box
4	Steam connection	9	Connections for water re-use
5	Drain	10	Door opening ∅ 365 mm

Front and side panels in light grey with "Blue Wave" on front panel (RAL 260 70 05, 250 60 30)

\* A-weighted emission sound pressure level at workingstations.

\*\* Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.

