

# Washer extractors

## W4130S, W4180S, W4250S

### Features and benefits

- Frequency-controlled motor ensure flexibility in wash and extraction action
- Good dewatering ability due to higher G-force compared with a traditional solid mount machine
- Solid mount construction with robust frame in galvanized steel
- Available with two types of program controls:
  - Compass Control® with:**
    - Large display and one dial for easy program selection
    - Language selection
    - Two Quick Start buttons for frequently used wash programs
    - Wash program packages optimized on *Economy, Performance and Time*
  - Clarus Control® with:**
    - Fully programmable microprocessor
    - All relevant wash parameters can be programmed
    - Programming from key pad or downloading via memory card
- AWS – Automatic Weighing System with Compass Control – determine the wash load and adopt the water intake accordingly. Savings on water and energy if machine is not fully loaded
- 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



Compass Control

### Main options

- Automatic liquid detergent supply (optional I/O board for Compass Control)
- Stainless steel front panel
- Stainless steel side panel (only with Clarus Control)
- Dual drain valves for water re-use (Clarus Control)



Clarus Control

Main specifications			W4130S		W4180S		W4250S	
Max. capacity	kg/lb		14/30		20/45		28/62	
Drum, volume	litre		130		180		250	
diameter	ø mm		595		650		725	
Extraction	rpm		776		742		702	
G-factor			200		200		200	
Heating alternatives, 230/400V	electricity	kW	7.5/9.7		12.7		17.6	
	steam		x		x		x	
	non-heated		x		x		x	
<b>Consumption data "Normal 60°C" * (3G01)</b>			El	Steam	El	Steam	El	Steam
Total time	min		49	**	50	**	48	**
Water consumption (cold/hot)	litre		93/25	93/25	134/35	134/35	183/47	183/47
Energy consumption (motor/heating)	kWh		0.2/0.6	0.2	0.25/0.9	0.25	0.35/1.2	0.35
Steam consumption	kg		-	0.9	-	1.35	-	1.8

\* Water temperature 15°C cold water and 65°C hot water

\*\* Depending on steam pressure

Electrical connections*			W4130S	W4180S	W4250S
Heating	Voltage				
El.	230V 3AC 50 Hz	kW(A)	9.7(35)	12.7(50)	17.6(50)
	208-240V 3AC 60 Hz	kW(A)	9.3(35)	12.7(50)	17.6(50)
	400-415V 3N AC 50 Hz	kW(A)	9.7(20)	12.7(25)	17.6(35)
Steam or non-heated	230V 1AC 60 Hz	kW(A)	0.8(10)	0.9(10)	1.2(10)
	208-240V 1AC 60 Hz	kW(A)	0.8(10)	0.9(10)	1.2(10)
	230V 1AC 50 Hz	kW(A)	0.8(10)	0.9(10)	1.2(10)
Water and steam connection					
Water valves	DN		20	20	20
Water pressure	kPa		150-400	150-400	150-400
Capacity at 300 kPa	l/min		20	60	60
Drain valve	ømm		75	75	75
Draining capacity	l/min		170	170	170
Steam valve	DN		15	15	15
Steam pressure	kPa		300-600	300-600	300-600
Liquid detergent supplies			5	5	5
Floor requirements					
Frequency of the dynamic force	Hz		10.8	10.3	9.8
Max floor load at extraction	kN		2.3 ± 4.7	2.7 ± 5.9	3.7 ± 7.4
Sound levels					
Sound pressure level**	dB(A)		64	70	73
Sound power level (IEC 60704-2-4)	dB(A)		71	76	79
Heat emission					
% of installed power, max			5	5	5
Shipping data					
Shipping volume	net, kg		175	228	287
	crated, kg		196	240	302
	m <sup>3</sup>		0.91	1.18	1.51
Accessories					
Steel base frame			x	x	-
Water re-use tank (Clarus Control)			x	x	x
Hose kits for water or steam			x	x	x
Fluff collector			x	-	-
Dimensions in mm					
A Width			720	750	830
B Depth			790	880	955
C Height			1200	1325	1410
D			365	435	470
E			825	915	990
F			910	1035	1120
G			45	45	45
H			1115	1245	1330
I			120	130	160
K			1095	1225	1290
L			220	215	245
M			910	1040	1125
N			420	325	325
O			-	295	335
P			100	100	100
R			235	225	265
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 ø395 (W4130S, W4180S), ø435 (W4250S)		

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

\* Other voltages available, see installation manual

\*\* Approx. value at operators position in a mid-size laundry room

