Washer extractor
W4600H

Features and benefits

- Clarus Control® – programmable microprocessor with 9 fixed and up to 192 programs to allow free programming
- High extraction for efficient dewatering
- Frequency-controlled motor for optimal washing
- Supplied with 8 + 5 signals for liquid detergents
- Eight connections for liquid detergents
- Large door opening for easy loading and unloading
- All critical parts made from stainless steel to provide a high level of corrosion resistance
- Powder painted galvanised steel side panels
- Bearing seals lubricated with oil to ensure a long service life. Empty container alarm
- Electric or direct steam heating
- Low noise level for pleasant working environment
- Designed for easy servicing and maintenance

Main options

- Front mounted loading hopper
- Forward or forward/backward tilting with full reversing function
- Noise/heat insulation
- Test tap with level tube
- Two drain valves for recovering water/wash solution
- Five-compartment detergent box for powder detergent (located at the front or on the right hand side of the machine)
- Third water valve
- Large water valves
- IS – Integrated Saving
- Connection for intelligent detergent system (DMIS)
- Connection to CMIS

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

Main specifications			W4600H		
Max. capacity		kg/lb	65/145		
Drum,	volume	litre	600		
	diameter	ø mm	980		
Extraction		rpm	800		
G-factor			350		
Heating alternatives	electricity	kW	38.4 / 54.0		
	steam		x		
	hot water		-		
Consumption data "Normal 60°C" * (7G01)			Steam**	EI 38.4 kW	EI 54.0 kW
Total time (cold+hot/cold)		min	39/42	42/–	40/–
Water consumption (cold/hot)		litre	321/92	321/92	321/92
Energy consumption (motor/heating/hot water)		kWh	1.2/–	1.2/3.5/5.9	1.2/3.5/5.9
Steam consumption (cold/hot)		kg	7	–	–
Steam consumption (cold)		kg	14	–	–

* With filling factor 1:10. Water temperature 15°C cold water and 65°C hot water.
** Steam at 300-400 kPa.

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	Hz	Heating power kW	Total power kW	Recommended fuse A
Electric heated	220-240V 3 ~	50/60	38.4/54.0	41.0/56.6	125/160
	380-415V 3 ~	50/60	38.4/54.0	41.0/56.6	63/100
	440/480V 3 ~	50/60	38.4/54.0	41.0/56.6	63/80
	220V 3 ~	50/60	49.4	52.0	160
Steam or	220-240V 3 ~	50/60	-	4.8	20
Non heated	380-480V 3 ~	50/60	-	4.8	16

Water, steam and air connection		W4600H
Water valves	DN	25
Rec. water pressure	kPa	200-600
Functioning limits for water valve	kPa	50-1000
Capacity at 300 kPa	l/min	110
Drain valve	ø mm	110
Draining capacity	l/min	400
Steam valve	DN	20
Rec. steam pressure	kPa	300-600
Functioning limits for steam valve	kPa	50-800
Compressed air	DN	6
Air pressure	kPa	500-700
Air consumption	l/h	20
Five-compartment detergent injector	DN	20
Floor requirements		
Frequency of the dynamic force	Hz	13.3
Floor load at max extraction	kN	16.9 ± 1.4
Sound levels		
Sound pressure level*	dB(A)	76
With insulation	dB(A)	< 70
Heat emission		
% of installed power, max		6
Shipping data**		
	net, kg	1380
	crated, kg	1500
Shipping volume	m³	5.7

*   A-weighted emmission sound pressure level at workingstations.

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

Dimensions in mm		W4600H
A	Width	1390
B	Depth	1585
C	Height std/tilt+IWS	1975/2015
C	Height, low foot	-
D	std/tilt+IWS	870/910
Ea		300
Eb		210
F	std/tilt+IWS	1825/1865
G		270
H	std/tilt+IWS	780/820
I	std/tilt+IWS	380/420
K		435
L		425
M		525
N		660
O		2225
P		935
R		815
S		325
T		2200
U		1120
V		300

1 Control panel
2 Door opening ø 535
3a Five-compartment detergent box, front (optional)
3b Five-compartment detergent box, right hand side (optional)
4 Cold water connection
5 Hot water connection
6 Third water connection (optional)
7 Steam connection
8 Drain
9 Electrical connection
10 Compressed air connection
11 External liquid detergent connections, 6 pcs ø 10 mm, 1 pc ø 16 mm and 1 pc ø 20 mm
12 Water connection, detergent injector (optional) 3/4"

Front   6712B

Right side   6711B

Rear side   6710B

Tilt forward   11,5°   6713

Tilt backward   11,5°   6714
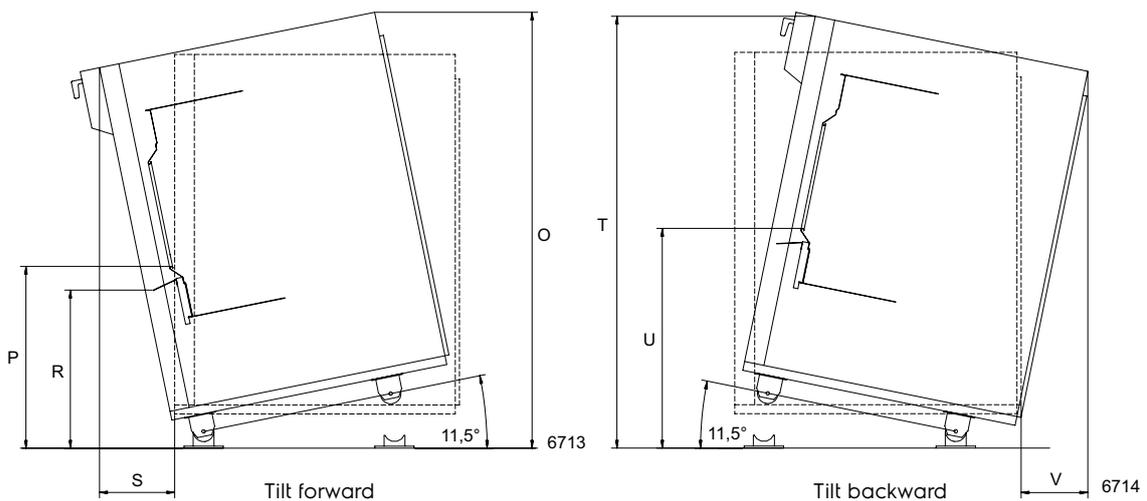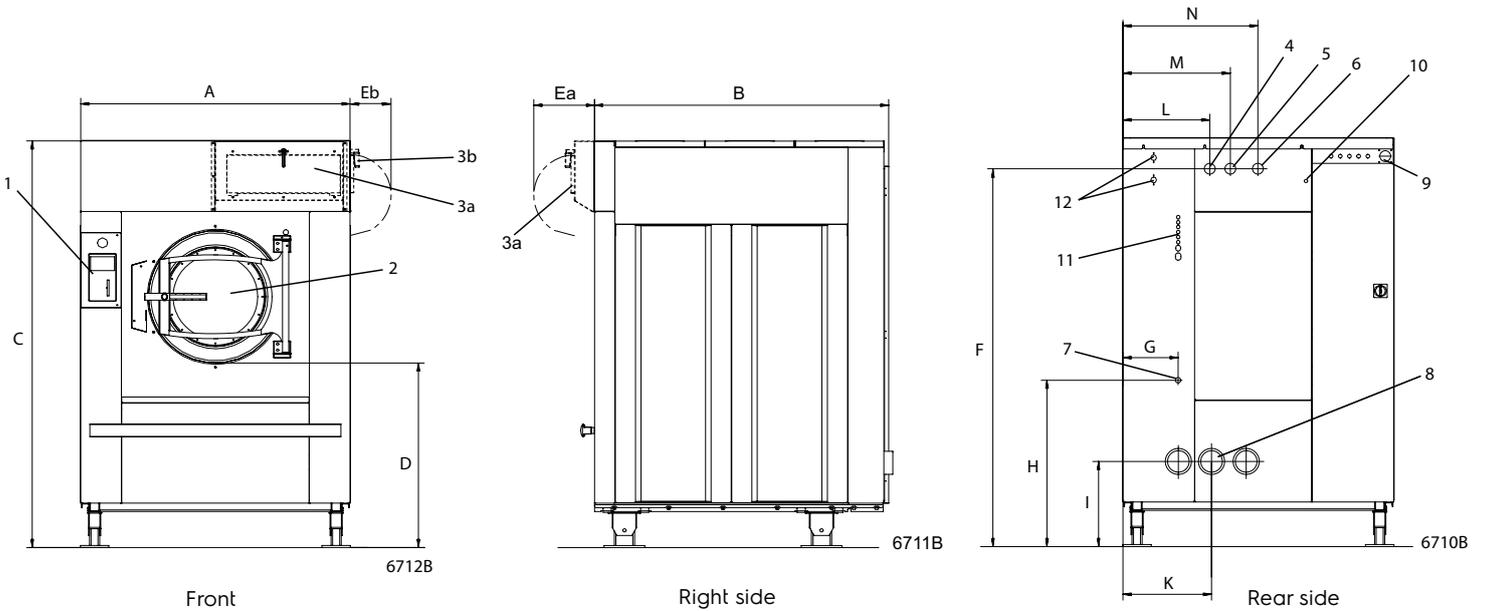
Options

- Front mounted loading hopper - easy loading from "sling-bag" system. Manually operated.
- Backwards and forwards tilting – backwards tilting can be used in conjunction with input wheel or other loading system.
- Forward tilting with drum reversal – makes unloading into a trolley easy.
- Noise/heat insulation – reduces airborne noise to less than 70 dB(A).
- Test tap with level tube – allows you to take samples from the wash solution.
- Water/wash solution recovery system – two drain valves allow you to recover rinse water and re-use it in the wash.
- Five-compartment detergent box (5 x 1 litre) on right hand side or front.
- Water inlet via pump – additional water inlet for water via pump from recovery system.
- Third water valve – electrically-controlled water valve for hard water.
- Steam connection components.
- Connection components for 2 water connections.
- Connection components for 3 water connections.
- Pump inlet connection components. Recovery
- IS – Integrated Saving.
- Combined steam and electrical heating - allows you to switch between electricity and steam.
- Connection to intelligent detergent system (DMIS)
- Large water valves (DN 32 / 1 1/4" BSP)
- Kit for connection to CMIS (Certus Management Information Systems) network. CMIS provides vital statistics, error codes, maintenance intervals, process receipt, etc.

Accessory

- WPM PC program. Allows the creation of wash programs on a PC and their transference to the machine via a memory card.

CMIS can be fitted to washer extractors with Clarus Control, tumble dryers with Selecta Control and ironers with electronic control system.
All you need to access and view the statistical feedback is a normal PC.

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We reserve the right to alter specifications without notice.