

# 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

- 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
- Integrated weighing system (IWS)
- Connection for intelligent detergent system (DMIS)
- Connection to CMIS



Main specifications				W4600H	
Max. capacity		kg/lb		65/145	
Drum, volume		litre/ft <sup>3</sup>		600/21.2	
diameter		ø mm/inch		980 / 38 9/16	
Extraction		rpm		800	
G-factor				350	
Heating alternatives	electricity	kW		38.4	
	steam			x	
	hot water			-	
<b>Consumption data "Normal 60°C" * (7G01)</b>				Steam	EI
Total time (cold+hot/cold)		min		39/42	42/-
Water consumption (cold/hot)		litre		321/92	321/92
		gallon		85/24	85/24
Energy consumption (motor/heating/hot water)		kWh		1.2/-	1.2/3.5/5.9
Steam consumption (cold/hot)		kg/lbs		7/15.4	-
Steam consumption (cold)		kg/lbs		14/30.9	-
* With filling factor 1:10. Water temperature 59°F cold water and 149°F hot water.					
** Steam at 44-58 psi.					

Electrical connections					
Heating alternative	Main voltage	Hz	Heating power kW	Total power kW	Recommended ITCB A
Electric heated	208-240V 3 ~	60	38.4/54.0	41.0/56.5	125/200
	440V 3 ~	60	38.4/54.0	41.0/56.5	70/100
	480V 3 ~	60	38.4/54.0	41.0/56.5	70/100
Steam or Non heated	208-240V 3 ~	60	-	4.8	15
	440/480V 3 ~	60	-	4.8	15

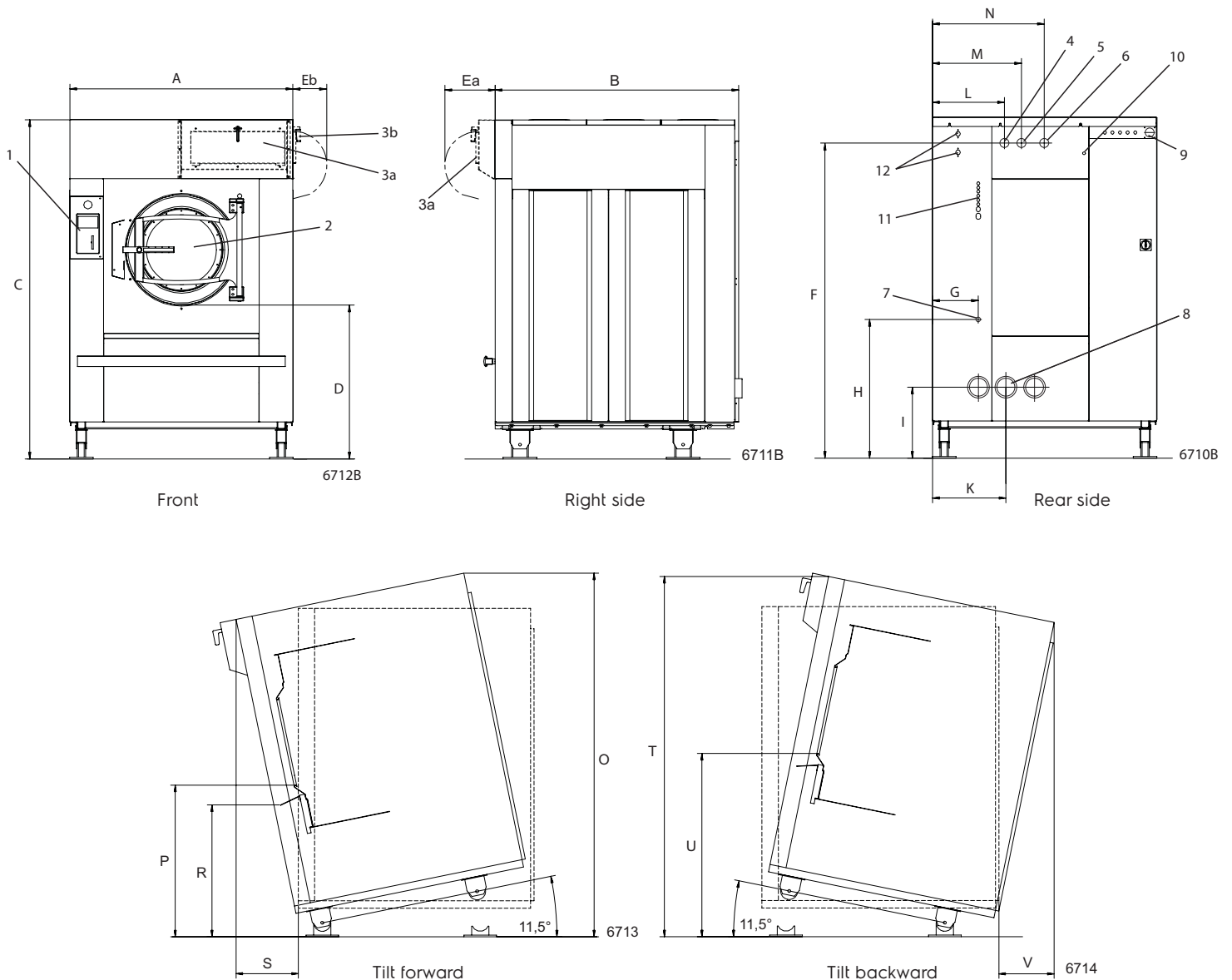
Water, steam and air connection			W4600H
Water valves	inch		1
Rec. water pressure	psi		30-90
Functioning limits for water valve	psi		10-145
Capacity at 300 kPa	l/min / gallon/min		110/29
Drain valve	ø mm/inch		110 / 4 5/6
Draining capacity	l/min / gallon/min		400/100
Steam valve	inch		3/4
Rec. steam pressure	psi		7-40
Functioning limits for steam valve	psi		8-120
Compressed air	inch		1/8
Air pressure	psi		30-60
Air consumption	l/h / gallon/h		20/5
Five-compartment detergent injector	inch		3/4
Floor requirements			
Frequency of the dynamic force	Hz		13.3
Floor load at max extraction	kN		16.9 ± 1.4
	lbs force		3800 ± 310
Sound levels			
Sound pressure level*	dB(A)		76
With insulation	dB(A)		< 70
Heat emission			
% of installed power, max			6
Shipping data**			
	net, kg/lbs		1380/3042
	crated, kg/lbs		1500/3307
Shipping volume	m <sup>3</sup> /ft <sup>3</sup>		5.7/201

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

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

Dimensions in mm/inch		W4600H
<b>A</b>	Width	1390 / 54 3/4
<b>B</b>	Depth	1585 / 62 3/8
<b>C</b>	Height std/tilt+IWS	1975/2015
		77 3/4 / 79 5/16
<b>C</b>	Height, low foot	-
<b>D</b>	std/tilt+IWS	870/910
		34 1/4 / 35 13/16
<b>Ea</b>		300 / 11 13/16
<b>Eb</b>		210 / 8 1/4
<b>F</b>	std/tilt+IWS	1825/1865
		71 7/8 / 73 7/16
<b>G</b>		270 / 10 5/8
<b>H</b>	std/tilt+IWS	780/820
		30 11/16 / 32 5/16
<b>I</b>	std/tilt+IWS	380/420
		14 15/16 / 16 9/16
<b>K</b>		435 / 17 1/8
<b>L</b>		425 / 16 3/4
<b>M</b>		525 / 20 11/16
<b>N</b>		660 / 26
<b>O</b>		2225 / 87 5/8
<b>P</b>		935 / 36 13/16
<b>R</b>		815 / 32 1/16
<b>S</b>		325 / 12 13/16
<b>T</b>		2200 / 86 5/8
<b>U</b>		1120 / 44 1/8
<b>V</b>		300 / 11 13/16

- 1** Control panel
- 2** Door opening  $\varnothing$  535 mm / 21 1/16 inch
- 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  $\varnothing$  10 mm, 1 pc  $\varnothing$  16 mm and 1 pc  $\varnothing$  20 mm
- 12** Water connection, liquid detergent injector (optional) 3/4"



## 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
- Integrated weighing system (IWS).
- 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.