



BARRIER WASHER EXTRACTORS

POWER, CONTROL AND TOTAL DESINFECTION.

The strict sanitary rules RABC, require powerful machines, with special washing processes for hospitals, pharmaceutical, nuclear and cosmetic industries, penitentiary centres, a.s.o.

The FAGOR barrier washers range is very wide and outstands for its advanced technology and features, high spinning speed and easy installation; with capacities from 16 to 100 kg; they are perfect to adapt to the needs of this very specific and demanding market. Installed between two separate areas, avoids all contact between dirty (infectious) linen and clean linen, and any type of re-contamination during the process. At the same time its ergonomic design allows to work in an efficient way, which increases production in a high percentage.

We distinguish between three ranges of FAGOR barrier washers, organised by features and capacities. The two smallest models are 16 and 22 kg, with new TP2 microprocessor, 4,3" and a second display as option on the clean side of the machine. The middle range has capacities 27, 35, 50 and 70. It is a completely new range, with TP2 microprocessor with a 7" touch screen, the second display as standard, huge loading doors and many outstanding features. The last is the biggest model, a 100 kg Pulman type barrier machine.

MEDICAL BARRIER WASHERS | LMED

CONTROL TYPE	HEATING	CAPACITY	
		16 kg	22 kg
TP2 Programmable Control	Electric, hot water and steam	LMED-16 TP2	LMED-22 TP2

MEDICAL BARRIER WASHERS | LBS

CONTROL TYPE	HEATING	CAPACITY			
		25 kg	35 kg	50 kg	70 kg
TP2 Programmable Control	Electric, hot water and steam	LBS-27 TP2	LBS-35 TP2	LBS-50 TP2	LBS-70 TP2

MEDICAL BARRIER WASHERS | PULLMAN

CONTROL TYPE	HEATING	CAPACITY
		100 kg
Programmable Control	Electric, hot water and steam	LBS-100



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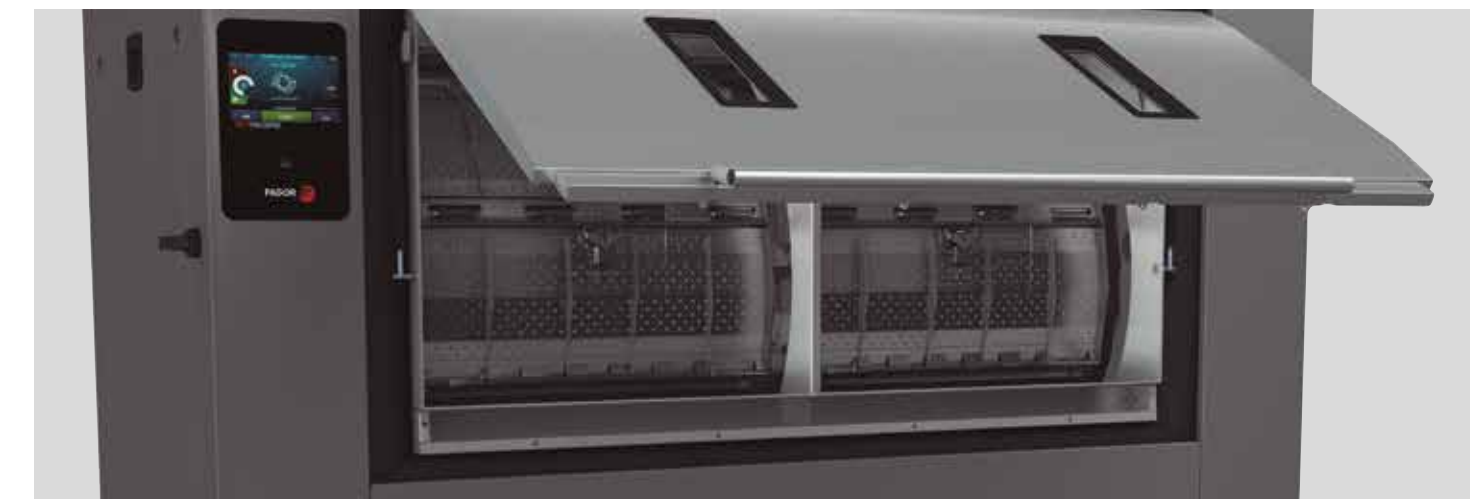
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BARRIER WASHER EXTRACTORS



BARRIER WASHER EXTRACTORS FOR ALL TYPE OF BUSSINES.



ONNERA GROUP

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GREEN EVOLUTION FOR A SUSTAINABLE FUTURE.



TP2

- User friendly and totally programmable with TP2.
- Traceability as standard.
- 8 dosing signals as standard.
- Screen on both sides of the machine.
 - Touch operated on the dirty side and only displaying on the clean side to show the status of the washing program.
- USB Connection. PC software free of charge for programming, traceability, data analyses...
- Remote communication ready.
 - Customization of programs according to each need.
- Wet Cleaning.
 - WiFi connection.
 - Printer.
 - 6 extra dosing signals.



OUTSTANDING FEATURES

- Double display.
- Automatic positioning of drum with motor brake to make easier the loading and unloading operation.
- 3 water inlets.
- Wet cleaning: equipped with all features to use Wet cleaning programs (useful in nursinghomes).
- Body in skinplate and top panel in stainless steel, easy to clean.
- Optional:
 - Detergent box kit (instead of pumps).
 - Dual heating electric - steam: energy savings.
 - 2nd drain valve for water recovery.
 - Titration valve.
 - UPS kit to release drum brake in case of power failure.
 - AISI 304 stainless steel body.



EFFICIENCY

- Intelligent Weighing System.
 - Possibility of configuring three levels of savings.
- Optimal loading.
- Water Recovery tanks ready.
- Low water consumption.
 - Less than 10 liters of water per kg and cycle (standard washing cycle 60 °C).
- High G FACTOR.
 - Reduced residual moisture.
 - Reduced drying time.
- Optional:
 - Automatic weighing system on feet.

LMED

SMALL CAPACITY Range 16 - 22 kg

- Pass-through barrier washer.
- G Factor 350.
- New TP2 4,3" touch screen microprocessor.
- Panels in grey skinplate look inox.
- Heating: electric, hot water, steam. Dual heating as option.



LBS

MEDIUM CAPACITY Range 27 - 70 kg

- Pass-through barrier washer extractors with 2 opposed doors (180°) with sanitary separating frame.
- G Factor 360.
- New TP2 7" touch screen microprocessor.
- Panels in grey skinplate and top panel in stainless steel.
- Heating: electric, hot water, steam. Dual heating as option.



Huge doors
LBS 27 542 x 650 mm
LBS 35/50 700 x 650 mm
LBS 70 1402 x 650 mm

PULLMAN

BIG CAPACITY 100 kg

- Pass-through barrier washer - Pullman partition.
- G Factor 325.
- New TP2 7" touch screen microprocessor.
- Panels in stainless steel.
- Heating: electric, hot water, steam.



FAGOREMOTE

Transfer and manage laundry programs. Machine error warning, management for traceability and statistics.



Traceability
of all washig cycles.
Printer as option.



Automatic positioning of drum
Standard, with motor brake to make easier the loading and unloading operation.

BARRIER CONCEPT

Installed between two separate rooms, it avoids all contact between dirty (infectious) linen and clean linen, and any type of re-contamination during the process. At the same time its ergonomic design allows to work in an efficient way, which increases production in a high percentage.



CLEAN LINEN
Unloading side

DIRTY LINEN
Loading side

Second Screen

TP2



ERGONOMY

- Huge doors opening making easier the loading and unloading operations, biggest opening in the market
- Easy friendly drum opening by push button.
- Height of loading (door bottom): 800 mm.
- Optional:
 - Plinths for loading height at 850 mm.



CONNECTIVITY

- Remote communication ready as standard.
- Traceability as standard.
- Washers have RS-485 port for external management with Fagor software or others.
- Optional:
 - WiFi module.



MAINTENANCE

- Electric part on the left side, mechanics on the right side, connections on the top.
 - Easy access to all the components.
 - Easier to connect, all connections protected from water and detergents.
- Central drain Easy installation.
- Technical menu .
 - Statistics, alarms, autotest, data recovery for technicians and maintenance.
- Optional:
 - Side drain.
 - Low steam pressure: to enable installation of steam heated washer with very low pressure of steam on site.

TECHNICAL DATA MEDICAL RANGE

	UNIT.	LMED-16 TP2	LMED-22 TP2	LBS-27 TP2	LBS-35 TP2	LBS-50 TP2	LBS-70 TP2	LBS-100
DRUM								
Load capacity 1:9	kg	18	25	30	39	54	78	100
Load capacity 1:10	kg	16	22	27	35	49	70	90
Volume	l	158	220	266	347	489	694	900
Diameter	mm	633	633	800	800	800	800	1050
Depth	mm	500	700	530	690	974	1380	1032
Drum compartments		1	1	1	1	1	2	2
DATOS GENERALES / GENERAL DETAILS								
Washing speed	r.p.m.	45	45	45	45	45	45	45
Spining speed	r.p.m.	1000	1000	920	920	920	920	750
"G" Factor		350	350	375	375	375	375	325
Touch Control Microprocessor		STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Double drain		OPTION	OPTION	OPTION	OPTION	OPTION	OPTION	STANDARD
PUERTA / DOOR								
Drum opening dimesions	mm	400x315	400x315	480x515	640x515	640x515	2x(640x515)	900x500
Vat opening dimensions	mm	455x415	455x415	542x650	700x650	700x650	1402x650	960x700
Height base door	mm	670	670	800	800	800	800	960
POTENCIAS / POWER								
Motor (kW)	kW	2,2	2,2	4	4	5,5	7,5	15
Heating (kW) (Electric model)	kW	12	18	18	27	36	45	60
Max. power (kW) (Electric model)	kW	14,2	20,2	22	31	41,5	52,5	75
Max. power (kW) (Steam model)	kW	2,2	2,2	4	4	5,5	7,5	15
CONEXIONES / CONNECTIONS								
Water inlet	inch	3/4"	3/4"	1"	1"	1"	1"	1"
Steam inlet	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Drain (mm)	inch	80/3"	80/3"	80/3"	80/3"	80/3"	80/3"	80/3"
DIMENSIONS								
Width (mm)	mm	984	1184	1200	1358	1653	2060	1677
Depth (mm)	mm	914	914	1098	1098	1098	1098	1344
Height (mm)	mm	1398	1398	1577	1577	1577	1577	1960
Net weight (kg)	kg	438	471	798	835	988	1190	1900
PACKING DIMENSIONS								
Width (mm)	mm	1072	1262	1325	1485	1778	2185	1900
Depth (mm)	mm	1102	1102	1305	1305	1305	1305	1500
Height (mm)	mm	1530	1530	1730	1730	1730	1730	2230
Gross weight (kg)	kg	459	494	830	865	1018	1220	1958
Volume (m³)	m³	1,81	2,13	2,99	3,35	4,01	4,93	6,36