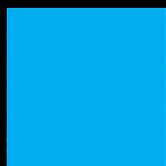


primus®

GET AHEAD IN LAUNDRY



FX LINE





WHY CHOOSE PRIMUS®

With over 100 years' experience competing in the diverse and demanding European market, Primus has been built on the solid foundations of purposeful innovation and a passion to help our customers get ahead in laundry. We develop industry leading, eco-friendly laundry solutions characterized by incomparable efficiency and stylish design.

As part of Alliance Laundry Systems, Primus has access to all the expertise and resources of the world's largest commercial laundry manufacturer. Alliance has invested more than USD300 million in R&D in recent years to deliver faster, easier and better laundry. Primus benefits from the immense global network of Alliance, with 14 strategic locations worldwide and over 1,200 specialist commercial laundry distributors.



FX65
6,5kg/13lb

FX80
7,5kg/18lb

FX105
10,5kg/24lb

FX135
13,5kg/31lb



2 FX MACHINES SOLD EVERY HOUR IN THE WORLD*

Since its launch, the FX line has become Primus' flagship for many reasons you'll (re)discover in this brochure. Optimized consumptions, high and extremely reliable performance, stylish design and many different capacities have made FX washer-extractors the preferred equipment for a variety of laundries, including: laundromats, restaurants, spas, hotels, gyms, healthcare facilities and more.

THE FX LINE IS DESIGNED WITH STRONG FOCUS ON:

- Optimized consumption
- Sustainability
- Sleek and ergonomic design



FX180
18kg/39lb

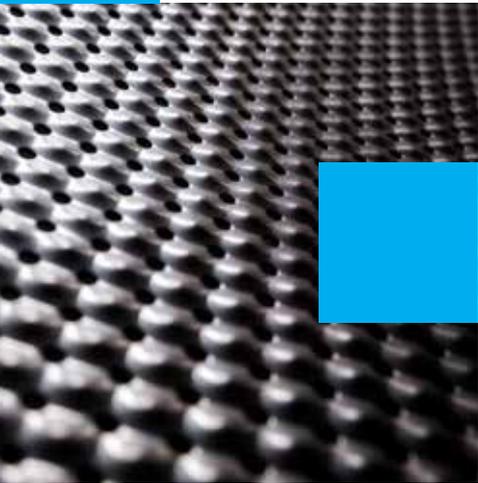
FX240
24kg/52lb

FX280
28kg/61lb

*Based on sales in 2017 and working hours during business days in 2017.

OPTIMIZED CONSUMPTION

Water and energy use are a huge concerns for every stakeholder and client in the industry. With this in mind, the FX Line has been designed to achieve extremely low water and energy consumption. FX washer-extractors are standard equipped with revolutionary CASCADE™ DRUM.



25% LESS HUMIDITY*
20% LESS ENERGY
FOR DRYING*



 cascade
drum

PRIMUS introduces the unique CASCADE™ DRUM

The CASCADE DRUM concept results in more perforations in the drum over the same surface area – so water extraction is much more efficient without your linen sticking to the drum, thus simplifying unloading. The CASCADE shape of the drum holes provides an extra mechanical action that produces an even better washing result.

- Simpler unloading, as your linen does not stick to the drum.
- Maximum water extraction, thanks to more perforations in the drum over the same surface
- Less residual moisture, due to the inclination of the bulges that extracts even more water.
- Better washing performance, achieved by the specific shape of the bulges that provide an extra mechanical action.

15% LESS WATER CONSUMPTION*



ECO-FRIENDLY FOCUS

The FX machines are designed to consume minimum water without affecting the wash performance. Conveniently placed under the low water level, the heating elements and temperature sensor now enable more water saving with the same high wash quality.



EXCEPTIONAL DESIGN AND ERGONOMICS

Style is a strong part of Primus DNA . The FX Line has been designed with elegance and ergonomics in mind, so owners and operators can get the most out of sleek and extremely functional equipment.



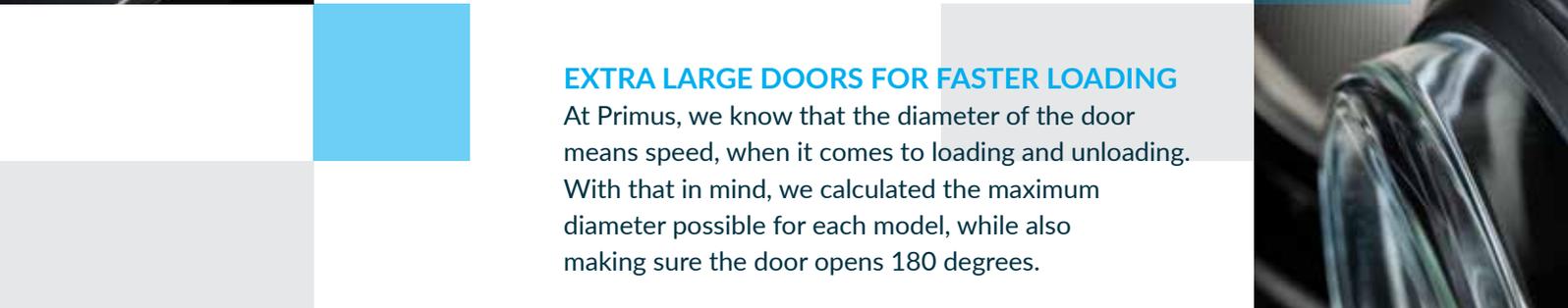
INNOVATIVE AND USER-FRIENDLY CONTROL PANEL

The control panel is inclined to make the operator's work more ergonomic. Options in the menu scroll up and down, making it easier for any customer to understand and use them. Our display provides clear guidance to users. For instance, it shows which soap hopper compartment to use.



FREELY PROGRAMMABLE XCONTROL+

Our XControl Plus control offers virtually unlimited programming possibilities for laundry professionals, while a USB plug makes for fast and easy uploading of new wash programmes and new firmware for control.



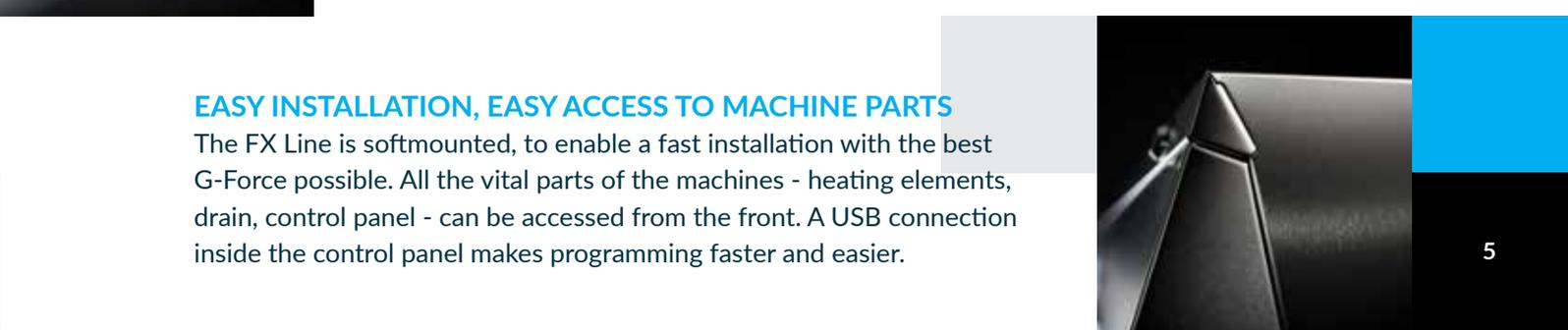
EXTRA LARGE DOORS FOR FASTER LOADING

At Primus, we know that the diameter of the door means speed, when it comes to loading and unloading. With that in mind, we calculated the maximum diameter possible for each model, while also making sure the door opens 180 degrees.



REDESIGNED EASY TO REACH SOAP HOPPER

The soapbox offers four compartments, suitable for powder or liquid soap. For additional ease-of-use, the compartments are now located at the front of the lid and next to each other. To make things easier for the owner, all compartments have been designed to allow easy access during service. The compartments can be covered (covers are optional) to prevent customers from making mistakes.



EASY INSTALLATION, EASY ACCESS TO MACHINE PARTS

The FX Line is softmounted, to enable a fast installation with the best G-Force possible. All the vital parts of the machines - heating elements, drain, control panel - can be accessed from the front. A USB connection inside the control panel makes programming faster and easier.



ALL THE BENEFITS OF OUR ECO³ WASH SUSTAINABLE TECHNOLOGY ...

At Primus, we care about the environment, and we know that consumption costs are a key to your business. We developed our ECO³ technology with this focus, and made it available in standard on all FX models.

UP TO
-15%* 
WATER CONSUMPTION

Optimising the passive space between tub and drum has minimised water consumption considerably.

UP TO
-20%* 
ENERGY CONSUMPTION

Using lower water levels has reduced the energy required for heating as well.

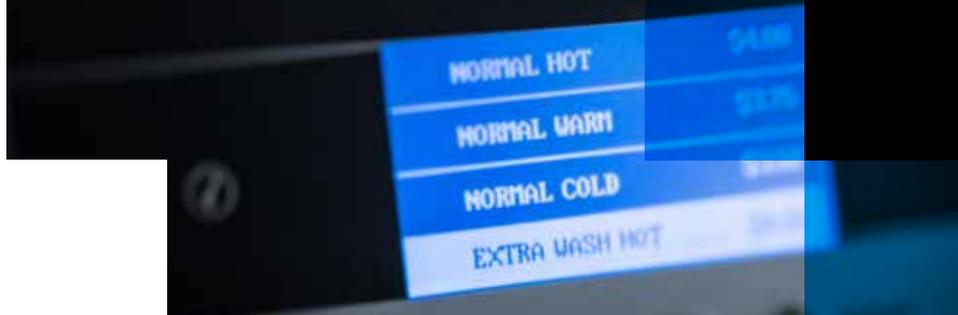
UP TO
-25%* 
RESIDUAL MOISTURE

Thanks to the final extraction's very high RPM, the laundry has exceptionally low residual moisture, which also reduces the energy required for drying.

* compared to previous FS models

WITH UNMATCHED PROFESSIONAL WASHING QUALITY

- As in all Primus equipment, only premium materials are used in the fabrication of our machines, to ensure one of the largest lifespans on the market.
- A soap mixer makes sure the soap is properly blended with water before being in contact with the linen, optimizing the action of the soap and protecting loads from undiluted chemicals.
- Up to 8 liquid soap pumps can be added, to use exactly the right detergent dosages for each load.
- Our CASCADE DRUM provides additional mechanical action to deeply wash linens. In addition, the load is distributed more evenly in the drum, so water flows through the cylinder better, delivering an improved wash.
- A 400 G-Force spin helps bring loads to 50% residual moisture or less.
- Smartload semi-automatic weighing system makes sure you use only the water and energy needed (for XControl+).



OPTIONS

- XCONTROL+ - Fully programmable
- Coin-operated timer (CPS)
- Stainless steel front and side panels
- USB plug (on the back panel)
- Easy Soap - liquid soap connection
- Liquid soap pumps
- Water recovery kit
- Steam heating version
- 3rd water inlet
- High capacity water inlets (FX180, 240)
- Top panel without hole for soap hopper
- Automatic door unlock module
- Weighing system by cells (Opti-Load)
- Base frame (height 135mm and 200mm)

PROGRAMS

PROGRAM	SPIN SPEED	WATER CONSUMPTION	ENERGY CONSUMPTION	REAL TIME	RINSES
1 HOT WASH 90° INTENSIVE	1120	131,4 l	4,3 kWh	57'52"	3
2 WARM WASH 60° INTENSIVE	1120	99,6 l	1,97 kWh	51'21"	3
3 COLOR WASH 40° INTENSIVE	1120	124,1 l	1,66 kWh	58'44"	3
4 BRIGHT 30° INTENSIVE	1120	86,0 l	0,52 kWh	34'27"	3
5 WOOLENS 15°	400	61,6 l	0,04 kWh	22'32"	3
6 HOT WASH 90°	1120	89,5 l	3,49 kWh	1:32'41"	3
7 WARM WASH 60°	1120	79,8 l	1,68 kWh	1:04'20"	3
8 COLOR 40°	1120	82,0 l	1,09 kWh	1:02'24"	3
9 BRIGHT 30°	1120	77,9 l	0,48 kWh	0:53'07"	3
10 ECO HOT 90°	1165	69,4 l	2,86 kWh	1:00'58"	2
11 ECO WARM 60°	1165	58,5 l	1,44 kWh	43'02"	2
12 ECO COLOR 40°	1165	68,2 l	1,02 kWh	42'32"	2
13 ECO BRIGHT 30°	1165	60,3 l	0,54 kWh	32'06"	2
14 LOW SPIN	400	35,1 l	0,03 kWh	11'19"	1
15 HIGH SPIN	1165	38,7 l	0,13 kWh	19'05"	1

On top of these pre-set programs, the XCONTROL+ control will allow you to set up to 99 programs to match any of your specific laundry needs.

FX65 | FX80 | FX105 | FX 135

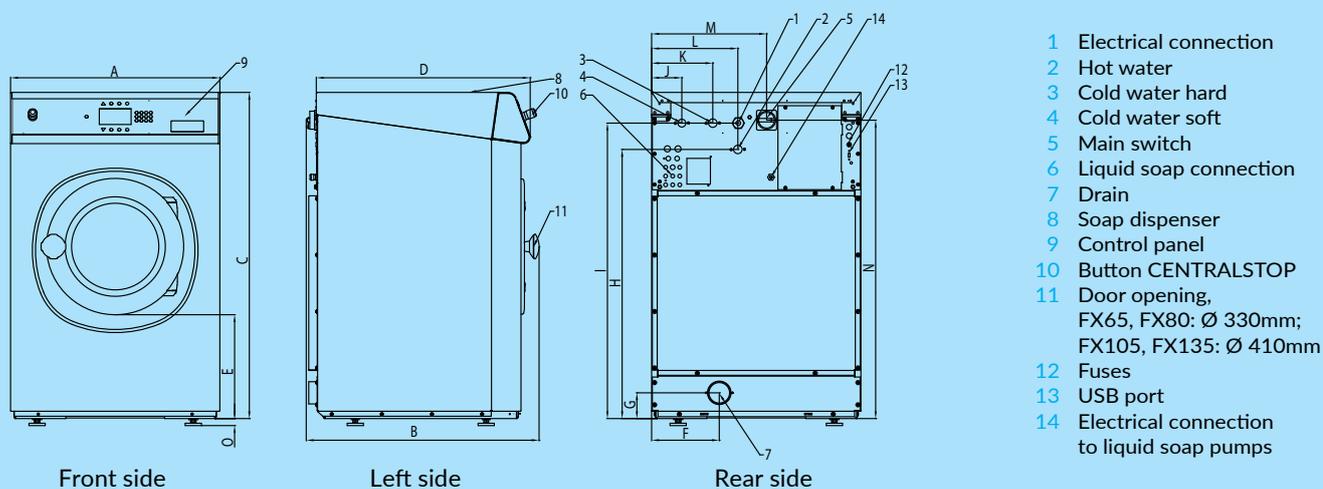
IDEAL FOR:

These FX models and their fast cycle times are designed to meet the requirements of on-premises laundries that need to keep loads moving and lack space for larger models.



WASHER-EXTRACTOR	FX65	FX80	FX105	FX135
Maximum capacity 1:9	6.5 kg	7.5 kg	10.5 kg	13.5 kg
Capacity 1:10	6,5 kg	8 kg	11 kg	14 kg
Drum volume	65 l	75 l	105 l	135 l
Extraction speed	1165 RPM	1165 RPM	1075 RPM	1075 RPM
G-Force	400	400	400	400
Residual Moisture	45 %	45 %	45 %	45 %

TYPE		FX65	FX80	FX105	FX135
INNER DRUM					
Maximum capacity 1:9	kg (lb)	7 (15)	9 (20)	12 (26)	15 (33)
Capacity 1:10	kg (lb)	6,5 (13)	7,5 (18)	10,5 (24)	13,5 (31)
Volume	litres	65	75	105	135
Diameter	mm	530	530	620	620
DRUM SPEED					
Wash	rpm	49	49	49	49
Extraction	rpm	1165	1165	1075	1075
G-FORCE					
		400	400	400	400
HEATING					
Electricity (standard)	kW	6 / 9	6 / 9	6 / 9 / 12	9 / 12
Steam	bar	1 - 8	1 - 8	1 - 8	1 - 8
Hot water	°C	90	90	90	90
Sound pressure level	dB (A)	< 65	< 65	< 65	< 65
Water valves connection	BSP	3/4"	3/4"	3/4"	3/4"
Water pressure	kPa	100-800	100-800	100-800	100-800
Rec. water pressure	kPa	300-500	300-500	300-500	300-500
Water inlet	l/min	20	20	20	20
Drain valve	outer Ø mm	76	76	76	76
Flow amount with drain valve	l/min	210	210	210	210
Steam valve connection	BSP	1/2"	1/2"	1/2"	1/2"
Steam pressure	kPa	100-800	100-800	100-800	100-800
DIMENSIONS					
Size H×W×D	mm	1115×710×740	1115×710×790	1225×795×795	1225×795×945
Net weight	kg	170	185	210	255
TRANSPORT DATA					
Packed H×W×D	mm	1245×750×840	1245×750×840	1345×835×840	1345×835×985
Gross weight	kg	180	200	235	275



DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FX65	710	740	1115	676	349	230	82	914	1004	113	218	293	390	1020	24
FX80	710	790	1115	726	349	230	88	920	1010	113	218	293	390	1020	24
FX105	795	795	1225	761	342	230	88	1030	1120	103	208	293	475	1130	24
FX135	795	945	1225	911	342	230	88	1030	1120	103	208	293	475	1130	24
	width	depth	height												

		FX80
Water consumption	l/kg	6,6
Electricity consumption	kWh/kg	0,18
Program No 11		

WATCH
THE FX VIDEO
www.bit.ly/videofx



FX180 | FX240 | FX280

IDEAL FOR:

These FX models are built to serve a variety of on-premises laundries that are processing large volumes of laundry daily.

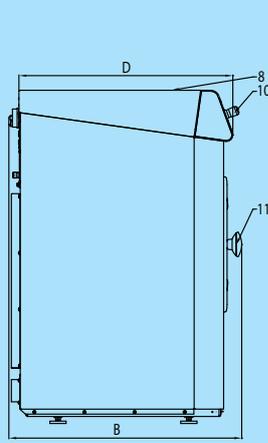


WASHER-EXTRACTOR	FX 180	FX 240	FX 280
Maximum capacity 1:9	20 kg	27 kg	32 kg
Capacity 1:10	18 kg	24 kg	28 kg
Drum volume	180 l	240 l	280 l
Extraction speed	980 RPM	980 RPM	915 RPM
G-Force	400	400	350
Residual Moisture	45 %	45 %	45 %

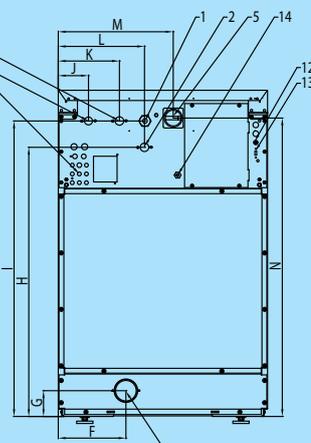
TYPE		FX180	FX240	FX280
INNER DRUM				
Maximum capacity 1:9	kg	20	27	32
Capacity 1:10	kg	18	24	28
Volume	litres	180	240	280
Diameter	mm	750	750	750
DRUM SPEED				
Wash	rpm	42	42	42
Extraction	rpm	980	980	915
G-FORCE				
		400	400	350
HEATING				
Electricity (standard)	kW	12 / 18	18	18 / 21,9
Steam	bar	1-8	1-8	1-8
Hot water	°C	90	90	90
Sound pressure level	dB (A)	< 65	< 65	< 65
Water valves connection	BSP	3/4"	3/4"	3/4"
Water pressure	kPa	100-800	100-800	100-800
Rec. water pressure	kPa	300-500	300-500	300-500
Water inlet	l/min	20	20	20-50
Drain valve	outer Ø mm	76	76	76
Flow amount with drain valve	l/min	210	210	210
Steam valve connection	BSP	1/2"	1/2"	1/2"
Steam pressure	kPa	100-800	100-800	100-800
DIMENSIONS				
Size H×W×D	mm	1410×970×970	1410×970×1105	1410×970×1185
Net weight	kg	380	430	495
TRANSPORT DATA				
Packed H×W×D	mm	1550×1025×1015	1550×1025×1150	1550×1025×1225
Gross weight	kg	395	450	515



Front side



Left side



Rear side

- 1 Electrical connection
- 2 Hot water
- 3 Cold water hard
- 4 Cold water soft
- 5 Main switch
- 6 Liquid soap connection
- 7 Drain
- 8 Soap dispenser
- 9 Control panel
- 10 Button CENTRALSTOP
- 11 Door opening Ø 460mm
- 12 Fuses
- 13 USB port
- 14 Electrical connection to liquid soap pumps

DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FX180	970	970	1410	906	477	270	108,5	1215	1297,5	102,5	208	293	610	1315	24
FX240	970	1105	1410	1041	477	270	108,5	1215	1297,5	102,5	208	293	610	1315	24
FX280	970	1185	1410	1116	477	270	108,5	1215	1305	102,5	208	293	610	1315	24
	width	depth	height												

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