

primus

laundry equipment

PRODUCT
OVERVIEW

Xtreme
in innovation



SC/SP
RANGE

PROFESSIONAL
WASHER EXTRACTORS
PROFESSIONAL DRYERS



SC65 SP10 SPS10

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RX
RANGE

HARD MOUNTED WASHER-EXTRACTORS



RX80 RX105, 135 RX180, 240, 280

FX
RANGE

SOFT MOUNTED
WASHER EXTRACTORS



FX65 FX80 FX105 FX135 FX180 FX240

FXB
RANGE

MEDICAL BARRIER
WASHER-EXTRACTORS



FXB180 FXB240 FXB280

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MB
RANGE

MEDICAL BARRIER
WASHER-EXTRACTORS



MB33 MB44

SD
RANGE

TUMBLE DRYERS



DAM6/C/HP SD10 SDS10

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T (HP)
RANGE

TUMBLE DRYERS



T9 (HP) T 11, 13, 16 (HP) T13/13 TAMS13 T24, 35

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RANGE

FLATWORK IRONERS



I25 I30 I33

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I50 IF50, IR50



RX350



RX520

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FX280

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FS800, 1000, 1200

FS
RANGE

SOFT MOUNTED
WASHER
EXTRACTORS

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MB70



MB90, 110



MB140, 180

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DX
RANGE

TUMBLE DRYERS



DX11, 13, 16



DX24



DX25, 34



DX13/13



DX20/20



DX55



DX77, 90

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IFF50



CROSSFOLDER



STACKER



180, IF80, IR80, IFF80

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PROFESSIONAL WASHER EXTRACTORS PROFESSIONAL DRYERS

SP/SD
RANGE

SP10	SPC10	SPS10	SPSC10
SD10	SDC10	SDS10	SDSC10
SC65	DAMC6		
DAM6	DAM6 HP		

FEATURES WASHER EXTRACTORS

- Stainless steel outer and inner drum
- Totally freestanding: can be installed on any floor and any level
- Suspension with new out-of-balance logic
- Soap box with four compartments
- Door opens 180° for easy loading and unloading
- Coin boxes and coin mechanisms available as an option
- Standard with drain pump, drain valve optionally available
- Top, front and side panels standard available in anthracite grey
- Electrical heating or boiler-fed
- 6 wash programs
- Possibility of programming cycle modifier options
 - » Added prewash » Extra wash time » Extra rinse
- LED indication of the status of the program
- Time remaining countdown

FEATURES DRYERS

- Galvanized steel cylinder
- Oversized lint filter located in front for easy cleaning
- Powerful exhaust blower assures short drying times and low operating costs
- Wide door opening of 180° for easy loading and unloading
- Coin boxes and coin mechanisms available as an option
- Top, front and side panels standard available in anthracite grey
- Electrical or gas heating
- 4 drying programs
- LED indication of the status of the program
- Time remaining countdown



SPC10

SDC10



DAM6/DAMC6
DAM6 HP



SC65



SP10



SPS10



SDS10



SDH10



SD10

TYPE		SC65	SP10	SPC10
CAPACITY	kg	6,5	10	10
DRUM VOLUME	l	60	96,8	96,8
MOTOR				
Frequency controlled	kW	-	0,67	0,67
EXTRACTION SPEED	rpm	1400	1200	1200
G-FACTOR		530	440	440
ELECTRICAL CONNECTION		3x400V 50Hz 1x220Vx60Hz 3x440Vx60Hz	1x220-240V 50Hz 3x220-240V 50Hz 3x380-415V+N 50 Hz	1x220-240V 50/60Hz 3x380-415V+N 50 Hz
ELECTRICAL HEATING	kW	3,2	4,8	4,8
DRAIN				
Pump		standard	standard	standard
Drain valve		available	available	available
DIMENSIONS				
HxWxD	mm	850x595x585	1027x683x704	1126x683x704
Net weight	kg	73	113	119
TRANSPORT DATA				
Volume (packed)	m ³	0,53	0,71	0,77
Packed HxWxD	mm	915x610x660	1150x760x860	1150x760x860
Gross weight	kg	77	122	128

TYPE		DAM6	SD10	SDC10
CAPACITY	kg	6,5	10	10
DRUM VOLUME	l	112	198	198
ELECTRICAL CONNECTION	kW	1x230V 50/60Hz 3x400-415V 50Hz 3x400V+N 60Hz	1x220-240V 50/60Hz 3x220-240V 50Hz 3x380-415V+N 50 Hz	1x220-240V 50/60Hz 3x380-415V+N 50 Hz
ELECTRICAL HEATING	kW	3	5,2 (230V) 5,3 (400V)	5,3 (400V)
GAS HEATING	kW	N/A	7,3	7,3
MOTOR POWER	kW	-	0,25	0,25
DIMENSIONS				
HxWxD	mm	850x595x585	1027x683x711	1126x683x711
Net weight	kg	39	68	74
TRANSPORT DATA				
Volume (packed)	m ³	0,53	0,71	0,77
Packed HxWxD	mm	915x610x660	1150x760x860	1150x760x860
Gross weight	kg	45	73	79

TYPE		SPS10	SPSC10	SDS10	SDSC10
MODEL		washer/dryer		dryer/dryer	
USE	l	OPL*	COIN	OPL*	COIN
DIMENSIONS HxWxD	mm	1986x683x704		1986x683x737	
Net weight	kg	177		120 (el.) /125 (gas)	
TRANSPORT DATA					
Volume (packed)	m ³	1,25		1,30	
Packed HxWxD	mm	2032x760x860		2032x760x860	
Gross weight	kg	193		127 (el.) /132 (gas)	

*OPL - On premise laundry

CUTTING-EDGE BALANCING TECHNOLOGY

Updated suspension and new sensing technologies on SP range redistribute loads and maintain cycle times - resulting in less utility costs, reduced vibration and a significant sound reduction.

UNMATCHED G-FORCE

Final spin speed of 1200 RPM on SP range (1400 RPM on SC65) removes more water, reduces dry times and lowers energy consumption.

HARD MOUNTED WASHER EXTRACTORS

RX
RANGE

RX80

8kg/18lb

RX105

11kg/24lb

RX135

14kg/31lb

RX180

18kg/40lb

RX240

24kg/53lb

RX280

28kg/62lb

RX350

33kg/73lb

RX520

52kg/115lb



FEATURES

- Hard mounted, normal spin
- Stainless steel top panel & Anthracite grey front and side panels
- Stainless steel drum and tub
- Xcontrol - easy to use microprocessor
- Patented Soap Hopper
- High capacity water inlets (RX280)
- Large drain valve (Ø 76 mm)
- Easy access to all vital parts from the front
- Large door opening for easy loading & unloading

OPTIONS

- Xcontrol Plus - Fully programmable
- Coin operated timer (CPS)
- Stainless steel front and side panels
- USB plug (on the back panel)
- Easy Soap - liquid soaps connection
- Liquid soap pumps
- Water recovery kit
- Steam heating version
- 3rd water inlet
- High capacity water inlets (RX180, 240)



RX80



RX105



RX135



RX180



RX240



RX280



RX350



RX520

TYPE		RX80	RX105	RX135	RX180	RX240	RX280	RX350	RX520
INNERDRUM									
maximum capacity 1:9	kg	9	12	15	20	27	32	37	58
capacity 1:10	kg	7,5	10,5	13,5	18	24	28	33	52
volume	litres	75	105	135	180	240	280	332	520
diameter	mm	530	620	620	750	750	750	914	914
DRUM SPEED									
wash	rpm	50	46	46	42	42	42	38	38
extraction	rpm	820	760	760	490 (690)*	490 (690)*	490 (690)*	540	440
G-FACTOR									
		200	200	200	100 (standard)	100 (standard)	100 (standard)	150	100
HEATING									
electricity (standard)	kW	6 / 9	6 / 9 / 12	9 / 12	12 / 18	18	18 / 21,9	27	40,6
steam	bar	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8
hot water	°C	90	90	90	90	90	90	90	90
Sound pressure level	dB (A)	< 65	< 65	< 65	< 65	< 65	< 65	< 65	< 65
Water valves connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"
Water pressure	kPa	100-800	100-800	100-800	100-800	100-800	100-800	100-800	100-800
Rec. water pressure	kPa	300-500	300-500	300-500	300-500	300-500	300-500	300-500	300-500
Water inlet	l/min	20	20	20	20	20	20	66-188	183-518
Drain valve	outer Ø mm	76	76	76	76	76	76	2x76	2x76
Flow amount with drain valve	l/min	210	210	210	210	210	210	2x210	2x210
Steam valve connection	BSP	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
Steam pressure	kPa	100-800	100-800	100-800	100-800	100-800	100-800	100-800	100-800
DIMENSIONS									
Size HxWxD	mm	1115	1225	1225	1410	1410	1410	1500	1500
	mm	660	750	750	890	890	890	1060	1060
	mm	785	785	900	915	1060	1135	1030	1315
Net weight	kg	135	170	190	255 (315)*	275 (330)*	290 (355)*	410	520
TRANSPORT DATA									
Packed HxWxD	mm	1245	1355	1355	1550	1550	1550	1625	1625
	mm	710	800	800	925	925	925	1088	1088
	mm	835	835	950	970	1130	1190	1060	1345
Gross weight	kg	145	185	200	270 (335)*	290 (355)*	305 (385)*	425	535

* 200 G-Factor execution

POWERWASH

TRACE-TECH

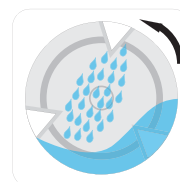
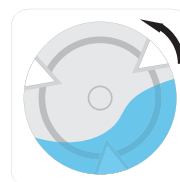
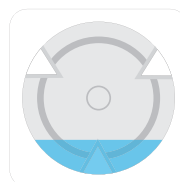
cascade drum

X CONTROL

supereco

POWERWASH

Perforated lifting ribs bring extra rinsing effect that results in lower water consumption and better washing results.



SOFT MOUNTED WASHER EXTRACTORS

FX
RANGE

FX65

7kg/15lb

FX80

9kg/20lb

FX105

12kg/26lb

FX135

15kg/33lb

FX180

18kg/40lb

FX240

24kg/53lb

FX280

28kg/62lb



FEATURES

- Freestanding, high spin
- Stainless steel top panel & Anthracite grey front and side panels
- Stainless steel drum and tub
- Xcontrol - easy to use microprocessor
- Patented Soap Hopper
- High capacity water inlets (FX280)
- Large drain valve (Ø 76 mm)
- Easy access to all vital parts from the front
- Large door opening for easy loading & unloading

OPTIONS

- Xcontrol Plus - Fully programmable
- Coin operated timer (CPS)
- Stainless steel front and side panels
- USB plug (on the back panel)
- Easy Soap - liquid soaps connection
- Liquid soap pumps
- Water recovery kit
- Steam heating version
- 3rd water inlet
- High capacity water inlets (FX180, 240)



FX65



FX80



FX105



FX135



FX180



FX240



FX280

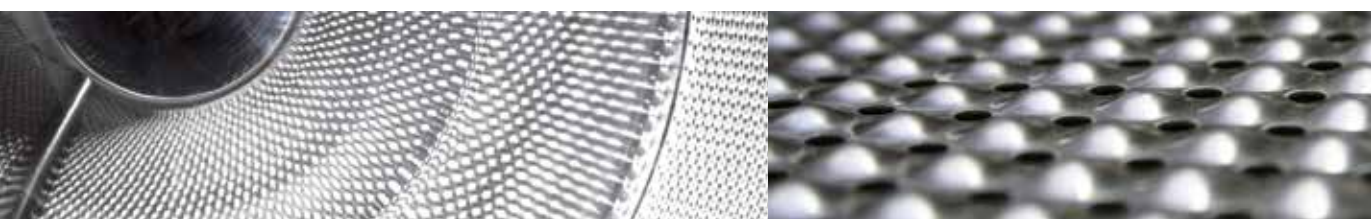
TYPE		FX65	FX80	FX105	FX135	FX180	FX240	FX280
INNERDRUM								
maximum capacity 1:9	kg	7	9	12	15	20	27	32
capacity 1:10	kg	6,5	7,5	10,5	13,5	18	24	28
volume	litres	65	75	105	135	180	240	280
diameter	mm	530	530	620	620	750	750	750
DRUM SPEED								
wash	rpm	49	49	49	49	42	42	42
extraction	rpm	1165	1165	1075	1075	980	980	915
G-FACTOR								
		400	400	400	400	400	400	350
HEATING								
electricity (standard)	kW	6 / 9	6 / 9	6 / 9 / 12	9 / 12	12 / 18	18	18 / 21,9
steam	bar	1 - 8	1 - 8	1 - 8	1 - 8	1-8	1-8	1-8
hot water	°C	90	90	90	90	90	90	90
Sound pressure level	dB (A)	< 65	< 65	< 65	< 65	<65	<65	<65
Water valves connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Water pressure	kPa	100-800	100-800	100-800	100-800	100-800	100-800	100-800
Rec. water pressure	kPa	300-500	300-500	300-500	300-500	300-500	300-500	300-500
Water inlet	l/min	20	20	20	20	20	20	20-50
Drain valve	outer Ø mm	76	76	76	76	76	76	76
Flow amount with drain valve	l/min	210	210	210	210	210	210	210
Steam valve connection	BSP	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Steam pressure	kPa	100-800	100-800	100-800	100-800	100-800	100-800	100-800
DIMENSIONS								
Size HxWxD	mm	1115	1115	1225	1225	1410	1410	1410
	mm	710	710	795	795	970	970	970
	mm	740	790	795	945	970	1105	1185
Net weight	kg	170	185	210	255	380	430	495
TRANSPORT DATA								
Packed HxWxD	mm	1245	1245	1345	1345	1550	1550	1550
	mm	750	750	835	835	1025	1025	1025
	mm	840	840	840	985	1015	1150	1225
Gross weight	kg	180	200	235	275	395	450	515



PRIMUS introduces the unique CASCADE™ DRUM

- Despite the 400 G extraction of water, the linen does not stick to the drum - which simplifies unloading.
- Thanks to the CASCADE™ concept, there are more perforations in the drum over the same surface - so water extraction is much more efficient.
- The design of the bulges causes even more water to be extracted - so the percentage of humidity after extraction is extremely low.
- The CASCADE™ shape of the drum holes provides extra mechanical action that produces in an even better washing result.

WATCH
THE FX VIDEO
www.bit.ly/videoofx



SOFT MOUNTED WASHER EXTRACTORS

FS
RANGE

FS33

33kg/80lb

FS40

40kg/100lb

FS55

55kg/125lb

FS800

80kg/176lb

FS100

100kg/220lb

FS1200

120kg/265lb

FEATURES

- Freestanding, high spin
- Stainless steel cabinet (AISI 304)
- Stainless steel drum and tub
- Xcontrol Plus - Fully programmable microprocessor
- Extra large door opening (FS800, FS1000
Ø 530mm, FS1200 Ø 650mm)
- Two large drain valves (Ø 103mm)
- Easy access to all parts
- Standard liquid soap connections
- Frequency controlled motor
- PowerWash® perforated lifting ribs:
more mechanical action, lower
water consumption
- Air operated water inlet
- SuperEco washing programmes
- significantly reduces water and
electricity consumption
- Patented soap dispenser with
5 removable compartments

OPTIONS

- Liquid soap pumps
- Trace-Tech® traceability software
and networking system
- Forward and backward tilting is available.
Tilting of the machine is done
by external platform



FS33



FS40



FS55



FS800



FS1000



FS1200

TYPE		FS33	FS40	FS55	FS800	FS1000	FS1200
CAPACITY							
Drum volume	l	335	400	518	807	1003	1180
Capacity	kg	33	40	55	80	100	120
	lbs	80	100	125	180	230	275
Drum diameter	mm	Ø 914	Ø 914	Ø 914	Ø 1110	Ø 1200	Ø 1300
MOTOR							
Frequency controlled		standard	standard	standard	standard	standard	standard
DRUM SPEED							
Wash speed	rpm	38	38	38	36	33	32
Spin speed	rpm	830	830	830	750	720	695
G-FACTOR		350	350	350	350	350	350
PROGRAMMER							
Xcontrol Plus microprocessor		standard	standard	standard	standard	standard	standard
CABINET							
Stainless steel AISI 304		standard	standard	standard	standard	standard	standard
DRUM							
Stainless steel AISI 304		standard	standard	standard	standard	standard	standard
HEATING							
Electrical	kW	24	36	54	67,5	-	-
Steam high pressure	bar	3-8	3-8	3-8	3-8	3-8	3-8
	psi	44-116	44-116	44-116	44-116	44-116	44-116
CONNECTION							
Electrical				3x380-480V 50/60Hz 3x208-240V 50/60Hz			
Water inlet	kW	4,3	7,8	7,8	11,25	15,25	18,75
	inch	1"	1"	1"	3x1 1/2"	3x1 1/2"	3x1 1/2"
Steam inlet	inch	3/4"	3/4"	3/4"	1"	1"	1"
Compressed air inlet	mm	-	8	8	Ø 8	Ø 8	Ø 8
Drain	mm	2x76	2x76	2x76	2x103	2x103	2x103
		2x3"	2x3"	2x3"	2x4"	2x4"	2x4"
DIMENSIONS							
HxWxD	mm	1905	1905	1905	1985	2060	2085
	mm	1195	1195	1195	1495	1790	1855
	mm	1330	1430	1610	1940	2005	2085
Net weight	kg	1190	1560	1630	2640	3170	3480
TRANSPORT DATA							
Volume (packed)	m ³	4,4	4,7	5,3	7,25	9,29	10,16
	mm	2105	2105	2105	2200	2345	2340
Packed HxWxD	mm	1430	1430	1430	1690	1865	2000
	mm	1475	1570	1750	1950	2125	2170
	mm	1310	1700	1770	2830	3410	3710

- = Not available

Standard = Standard execution, The data concerning dimensions of machines include all extended parts



OPTILOAD®

While loading your machine, the **XCONTROL+** and **GRAPHITRONIC®** displays the weight of the wash load. The machine will then adjust the water and energy consumption to suit the load. Therefore, you will have a guaranteed wash result and reduced energy consumption, while optimising productivity and controlling your operating costs.



MEDICAL BARRIER WASHER

FXB
RANGE

FXB180

18kg/40lb

FXB240

24kg/55lb

FXB280

28kg/65lb

MB
RANGE

MB33

33kg/73lb

MB44

44kg/97lb

MB66

66kg/145lb



FEATURES

- Freestanding, high spin
- Complete stainless steel cabinet
- Xcontrol Plus - Fully programmable
- Stainless steel drum and tub
- Patented Soap Hopper
- Large drain valve (Ø 76 mm)
- Easy access to all important parts from all sides
- Large door opening for easy loading & unloading
- Automatic door positioning
- Easy Soap - liquid soaps connection
- External lubrication system

OPTIONS

- USB plug (on the side panel)
- Liquid soap pumps
- Water recovery option incl. second drain valve
- Steam heating version
- Water sample tap
- Trace-Tech® traceability software and networking system
- Second display



FXB180



FXB240



FXB280



MB33



MB44



MB66

TYPE		FXB180	FXB240	FXB280	MB33	MB44	MB66
CAPACITY							
Drum capacity	kg/lb	18/40	24/55	28/65	33/75	44/100	66/150
Drum volume	l	180	240	280	332	442	663
Drum diameter	mm	Ø 750	Ø 750	Ø 750	Ø 650	Ø 750	2xØ 75
Number of drums		1	1	1	1	1	2
Number of loading doors		1	1	1	1	1	2
Number of unloading doors		1	1	1	1	1	2
DRUM SPEED							
Washing speed	rpm	42	42	42	45	41	41
Highest spin speed	rpm	939	939	914	960	915	915
G-FACTOR							
		370	370	350	335	350	350
PROGRAMMER							
XControl Plus		standard	standard	standard	Graphitronic	Graphitronic	Graphitronic
CABINET							
Stainless steel		standard	standard	standard	option	option	option
HEATING							
Electrical	kW	12/18	18	21,9	36	45	54
Steam	bar	3-8	3-8	3-8	3-8	3-8	3-8
CONNECTIONS							
Electrical				3x 200-240V 50/60Hz 3x 380-480V 50/60Hz			
Water inlet				3x DN20 3/4"			
Steam inlet				1x DN15 1/2"			
DIMENSIONS							
Size HxWxD	mm	1455	1455	1455	1600	1650	1650
	mm	900	1020	1130	1560	1610	2160
	mm	1145	1145	1145	1060	1170	1170
Net weight	kg	430	460	490	1000	1140	1360
TRANSPORT DATA							
Packed HxWxD	mm	1610	1610	1610	1840	1840	1840
	mm	1010	1130	1240	1610	1660	2200
	mm	1235	1235	1235	1175	1380	1380
Gross weight	kg	485	515	550	1090	1280	1510

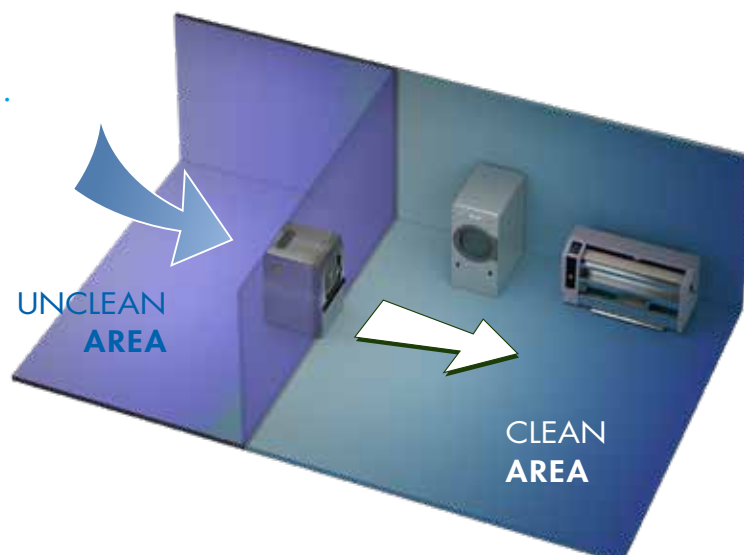


PRIMUS HYGIENIC SYSTEM PROVIDES A TOTAL SOLUTION.

PRIMUS CAN CONSULT OVER THE WHOLE PROCESS.



CROSS CONTAMINATION!



WATCH THE FXB VIDEO
www.bit.ly/primushygiene



MEDICAL BARRIER WASHER EXTRACTORS

MB
RANGE

MB70

70kg/154lb

MB90

90kg/198lb

MB110

110kg/242lb

MB140

140kg/309lb

MB180

180kg/397lb

FEATURES

- Freestanding, high spin
- Stainless steel cabinet (AISI 304)
- Stainless steel drum and tub
- Graphitronic® - graphic display
 - Communication interface enabling remote service
 - Multilingual microprocessor
 - Freely programmable
- Large door opening (765x340mm)
- Large drain valve (Ø 126mm)
- Frequency controlled motor
- PowerWash® perforated chamber walls:
 - more mechanical action,
 - lower water consumption
- Standard Y-pocket (3 pockets) drum on MB110, 140, 180
- Standard Pullmann (2 pockets) drum on MB70, 90
- Air-operated water inlets

OPTIONS

- Liquid soap pumps
- Drum with 2 pockets on MB110, 140, with 3 pockets on MB70, 90
- Trace-Tech® traceability software and networking system
- Tap to take water samples
- Light and sound signalization of end of washer cycle
- Opti-load® linen weighing and water consumption optimization system
- Second display
- Self lubrication of bearing's oil seal
- Second drain valve for water recycling (Ø76mm)
- Second drain valve (Ø126 mm)



MB70



MB90, 110



MB140



MB180

TYPE		MB70	MB90	MB110	MB140	MB180
CAPACITY						
Drum volume	l	700	900	1100	1400	1800
Capacity 1:10	kg	70	90	110	140	180
	lbs	154	198	242	308	396
Drum diameter	mm	Ø 1000	Ø 1000	Ø 1100	Ø 1200	Ø 1300
POCKETS						
		Standard 2	Standard 2	Standard 3	Standard 3	Standard 3
		Optional 3	Optional 3	Optional 2	Optional 2	-
MOTOR						
Frequency controlled		standard	standard	standard	standard	standard
DRUM SPEED						
Wash speed	rpm	36	36	35	33	36
Spin speed	rpm	800	800	754	720	695
G-FACTOR		360	360	350	350	350
PROGRAMMER						
Graphitronic® microprocessor		standard	standard	standard	standard	standard
CABINET						
Stainless steel AISI 304		standard	standard	standard	standard	standard
DRUM						
Stainless steel AISI 304		standard	standard	standard	standard	standard
HEATING						
Electrical heating	kW	54	54	72	72	-
Steam heating	bar	6-8	6-8	6-8	6-8	6-8
CONNECTION						
Electrical				3×380-480V 50/60Hz 3×200-240V 50/60Hz		
Water inlet	inch	3x1,5" + 1x3/4"	3x1,5" + 1x3/4"	3x1,5" + 1x3/4"	3x1,5" + 1x3/4"	3x1,5" + 1x1"
Steam inlet	inch	1"	1"	1"	1"	1"
Compressed air inlet	mm	Ø 10	Ø 10	Ø 10	Ø 10	Ø 10
Drain	mm	Ø 126	Ø 126	Ø 126	Ø 126	Ø 126
DIMENSIONS						
HxWxD	mm	1830x2025x1605	1830x2275x1605	1880x2325x1605	2100x2425x1805	2195x2585x1905
Net weight	kg	2600	2810	2990	3550	4990
TRANSPORT DATA						
Volume (packed)	m³	7,3	8,1	8,7	10,8	12,3
Packed HxWxD	mm	1985x2100x1740	1985x2355x1740	2080x2400x1740	2250x2485x1940	2265x2665x2040
Gross weight	kg	2760	2970	3150	3760	5310



The **TRACE-TECH®** management software provides record of each wash load which allows you to ensure conformity with Hygienic standards. This can be stored and recalled whenever necessary. Parameters are continually controlled and stored to bring you a detailed report of the washing process. You are also informed if the machine can not complete required process.



WATCH
THE FXB VIDEO
www.bit.ly/primushygiene



TUMBLE DRYERS

T
RANGE

T HP
RANGE

T9	T11	T13	T16	T24	T35
9kg/20lb	11kg/24lb	13kg/27lb	16kg/35lb	24kg/53lb	35kg/77lb
T9 HP	T11 HP	T13 HP	T16 HP	HEAT PUMP DRYERS	
9kg/20lb	11kg/24lb	13kg/27lb	16kg/35lb		



FEATURES

- Standard stainless steel drum with large diameter
- Easy-to-use microprocessor (ECT)
- Combination of Radial and Axial airflow - RADAX® concept:
 - maximal heat transfer
 - low energy consumption
 - short drying time
- Large door opening for easy loading and unloading
- Self cleaning lint screen

OPTIONS

- Coin operated version
- Reversing drum
- Full Control programmer (FCT)
- Residual moisture control Sensodry®:
 - safe drying of delicate linen
 - humidity detection in %
 - ideal in combination with SoftWash®
 - ideal for dry cleaners, fire depts
 - available on Easy and Full Control
- Stainless steel front



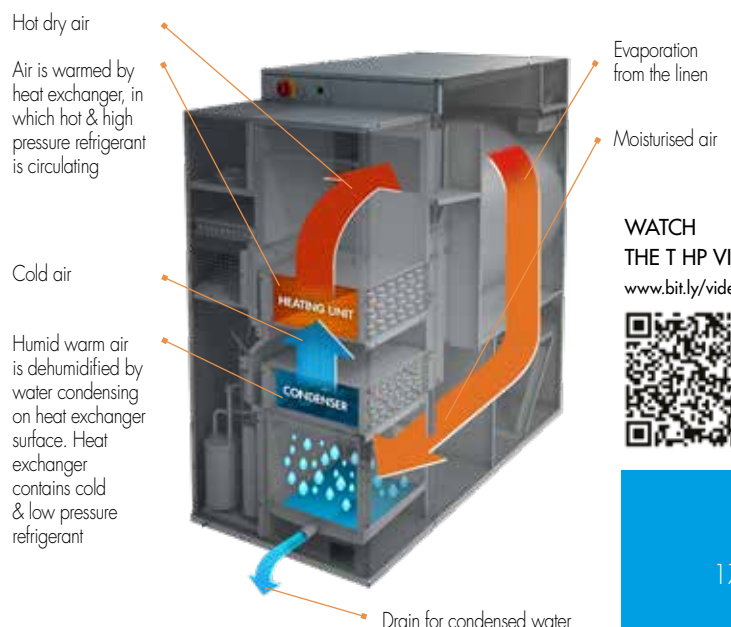
TYPE		T9 (HP)	T11 (HP)	T13 (HP)	T16 (HP)	T24	T35
CAPACITY							
Drum capacity	kg/lb	9/20	11/24	13/27	16/35	24 (53)	35 (77)
Drum volume	l	190	250	285	345	530	680
Drum diameter	mm	Ø 760	Ø 760	Ø 760	Ø 760	Ø 930	Ø 930
MOTORS							
Fan	kW	0,37 (0,20)	0,55 (0,20)	0,55 (0,20)	0,55 (0,20)	0,55	0,55
Drive	kW	0,18 (0,25)	0,25 (0,25)	0,25 (0,25)	0,25 (0,25)	0,25	0,25
GAS HEATING							
Gas connection	NPT	-	-	-	-	-	-
Electrical connection		3x220-240V 50Hz, 1x220-240V 50Hz, 3x380-415V 50Hz				1x208V-240V 60Hz (3x380V-415V 50/60Hz)	
Energy	kW	12,5	16,5	19,5	25	33/39	46/50
	kBTU/h	42,7	56,3	66,5	85,3	112,6/133,1	157,9/170,6
STEAM HEATING							
Steam connection	NPT	-	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical connection		3x220-240V 50Hz, 1x220-240V 50Hz, 3x380-415V 50Hz				1x208V-240V 60Hz (3x380V-415V 50/60Hz)	
Steam output *	kW	-	16,5-22	19,5-27	22-32	27-36,2	39,3-52,7
Steam pressure	bar	-	3-6/7-10	3-6/7-10	3-6/7-10	3-6/7-10	3-6/7-10
ELECTRICAL HEATING							
Electrical connection		3x220-240V 50Hz, 3x380-415V 50Hz, 3x480V 60Hz				3x380V-415V/480V 50/60Hz	
Energy	kW	9/12	13,5	18,0	24,0	30/36	36/48
HEAT PUMP							
Electrical connection		3x380-415V 50Hz +N				-	-
Energy	kW	2,9	2,9	2,9	2,9	-	-
EXHAUST							
	mm	150					
DIMENSIONS							
Size HxWxD	mm	1465	1680	1680	1680	1975	1975
	mm	795	795	795	795	965	965
	mm	815	1070	1160	1280	1270	1490
Size HxWxD HP	mm	1465	1680	1680	1680	-	-
	mm	795	795	795	795	-	-
	mm	1275	1525	1615	1735	-	-
Net weight	kg	170 (290)	230 (350)	250 (360)	250 (375)	300	330
TRANSPORT DATA							
Packed HxWxD	mm	1570	1785	1785	1785	2075	2075
	mm	880	855	855	855	1040	1040
	mm	885	1100	1190	1310	1320	1540
Packed HxWxD HP	mm	1570	1785	1785	1785	-	-
	mm	880	855	855	855	-	-
	mm	1335	1540	1635	1750	-	-
Gross weight	kg	180 (305)	240 (385)	265 (400)	270 (400)	275	305

* Steam output is flexible depending on steam pressure, The data concerning dimensions of machines include all extended parts



EVO⁴ HEAT PUMP SYSTEM - REVOLUTION IN DRYING

The main innovation provides a significant reduction in energy consumption for heating, namely by more than 60%. Plus, because 100% of the waste air is recycled, the initial investment cost is reduced - there is no need to install an exhaust system or to ensure a forced supply of fresh air when installing these dryers. Furthermore, heat is recovered from the exhaust air and reused. Additional savings come from the greatly reduced requirement for installed power - less than 4 kW compared to 10 - 25 kW for the conventional dryers of this capacity. The extraordinary results of the EVO⁴ drying technology have been achieved by applying advanced knowledge of air conditioning and heating with heat pumps, and, in particular, the physical properties of substances used as refrigerants in refrigerators and air-conditioned cars. The easy-access machine construction is designed to minimize the time and cost of service and repair.



WATCH THE T HP VIDEO
www.bit.ly/videoevo4



TUMBLE DRYERS

DX
RANGE

DX11	DX13	DX16	DX24	DX25
11,5kg/25lb	13,5kg/30lb	16kg/35lb	24kg/53lb	25kg/55lb
DX34	DX55	DX77	DX90	
34kg/75lb	55kg/121lb	77kg/170lb	90kg/198lb	



FEATURES

- Easy to use timer
- Electrical, Gas and Steam heating
- Large door opening for easy loading and unloading (Ø 57cm DX11, 13, 16, Ø 68cm DX24)
- Galvanized drum
- Axial airflow
- Large lint filter

OPTIONS

- Stainless steel drum
- Stainless steel front panel
- Coin operated version
- Full OPL microprocessor
- Reversing drum
- Residual moisture control Sensodry+® (only with Full OPL microprocessor):
 - lower energy and utility costs
 - lower linen replacement costs
- SafeTech™ Fire Suppression System



DX11 DX13 DX16 DX24 DX25 DX34 DX13/13 DX20/20 DX55 DX77 DX90

TYPE		DX11	DX13	DX16	DX24	DX25	DX34	DX55	DX77	DX90
CAPACITY										
Capacity	kg	11,5	13,5	16	24	25	34	55	77	90
Drum volume	l	217	271	347	491	528	634	1021	1408	1656
Drum diameter	mm	Ø 673	Ø 673	Ø 762	Ø 838	Ø 939	Ø 939	Ø 1118	Ø 1289	Ø 1289
AIRFLOW										
50 Hz	l/s	203	203	260	283	354	354	755	1156	1156
60 Hz	l/s	236	236	307	330	354	434	755	1156	1156
DRYING AVERAGE										
Gas heating	g/min	222	258	331	444	453	616	879	1395	1545
Electric heating	g/min	172	272	335	399	399	381	802	N/A	N/A
MOTOR										
Fan	kW	0,187	0,187	0,187	0,375	0,375	0,559	0,560	0,560	0,560
Drive	kW	0,187	0,187	0,187	0,375	0,375	0,559	0,746	2,238	2,238
GAS HEATING										
Energy	kW	18,8	21,4	26,4	29,9	38,1	48,3	79	116	125
Energy	kBTU/h	64	73	90	102	130	165	270	396	427
Electrical connection		1x200-240V 50/60Hz, 3x200-240V 50/60Hz, 3x380-415V 50Hz, 3x380-415/440V 60Hz								
Gas connection	NPT	½"	½"	½"	½"	½"	½"	1"	1"	1"
STEAM HEATING										
High pressure 6,9 bar	kW	39,6	39,5	48,6	-	52	61,6	119	190	190
	kBTU/h	135	134,7	166	-	178	210,3	406	648	648
Electrical connection		1x200-240V 50/60Hz, 3x200-240V 50/60Hz, 3x380-415V 50Hz, 3x380-415/440V 60Hz								
Steam connection	NPT	¾"	¾"	¾"	-	¾"	¾"	¾"	¾"	¾"
ELECTRICAL HEATING										
Energy	kW	12	21	24	27	30	30	60	-	-
Electrical connection		3x200-240V 50/60Hz, 3x380-415 50Hz, 3x380-415/440V 60Hz								
EXHAUST										
	Ø /mm	152	152	203	203	203	203	254	305	305
DIMENSIONS										
HxWxD	mm	1622	1622	1622	1695	1946	1946	2177	2388	2388
	mm	711	711	800	876	981	981	1178	1349	1349
	mm	1038	1191	1191	1362	1226	1378	1725	1749	1939
Net weight	kg	137	150	164	197	247	279	578 (el., gas) 624 (str.)	714 (gas) 760 (str.)	790 (gas) 820 (str.)
TRANSPORT DATA										
Packed HxWxD	mm	1753	1753	1753	1829	2057	2057	2286	2519	2515
	mm	762	762	838	902	1054	1054	1232	1473	1413
	mm	1092	1245	1245	1489	1323	1433	1829	1892	2019
Gross weight	kg	151	165	179	216	273	307	607 (el., gas) 656 (str.)	756 (gas) 806 (str.)	855 (gas) 855 (str.)

senso.dry+

SafeTech™

SAFETECH - Fire supression system monitors for excessive drum temperatures and sprays water on the load should it register an abnormally high reading. A „system active“ signal also can be sent to a property’s alarm system.

SENSODRY+ Residual moisture control (available with Full OPL microprocessor) prevents over-drying and, therefore, lowers energy costs and linen replacement costs.

CHEST HEATED IRONERS 125 30

CYLINDER HEATED IRONERS 133

I 25

I 30

I 33

I 25 - 100, 120, 140 cm

I 30 - 160, 200 cm

I 33 - 160, 200 cm

I
RANGE

FEATURES I25-30

- Homogeneous ironing pressure to ensure top ironing quality
- PID controlled temperature regulation offering better temperature distribution and reduced energy consumption
- Long-life heating elements
- All vital components are easily accessible
- Start/stop pedal
- Backside of the basin is insulated with 25mm ceramic wool - no energy waste

OPTIONS I25-30

- Frequency inverter enabling variable ironing speed
- Fan exhaust removing humid air from the ironer (I25-140, I30-160, I30-200)

FEATURES I33

- Highly polished steel, thin cylinder
 - Rapid response to temperature
 - Excellent thermal conductivity
- Extra heavy press roller for high-quality ironing
- Patented direct drive – maintenance-free – system
- Easy to operate microprocessor MCX
- Frequency controlled motor
- Indication of ironing speed and temperature
- Electric or gas heating
- Overheating check system (OCS) with 3 temperature sensors
- Adjustable exhaust flap

OPTIONS I33

- Coin operated version
- Central payment system operated version (CPS)
- Chrome-plated cylinder for better thermal conduction and ironing quality
- Pedal of insert table stop system
- Exhaust output on the right
- Fixation set for mounting to the floor
- Sensospeed - auto adjustable ironing speed



I25



I30



I33

TYPE		I25-100/V*	I25-120/V*	I25-140/V*	I25-140AV**	I30-160/AV**	I30-200AV**	I33-160 E	I33-200 E	I33-160 G	I33-200 G
ROLLER DIAMETER	mm	250	250	250	250	290	290	320	320	320	320
USEFUL ROLLER LENGTH	mm	1000	1200	1400	1400	1600	2000	1664	2080	1664	2080
CAPACITY*	kg/h	30	35	40	40	32-50	52-79	62	70	58	72
SPEED	m/min	3,9/ 2-4	3,9/ 2-4	3,9/ 2-4	2-4	3,9/ 2-4	2-4	1-6			
HEATING											
Electric	kW	5	6	7	8,4	13,2	16,8	24.3	27.9	-	-
Gas**	kW	-	-	-	-	-	-	-	-	25	30
MOTOR											
Roller motor	kW	0,18	0,18	0,18	0,215	0,67	0,67	0.18	0.18	0.18	0.18
Total installed power	kW	5,18	6,18	7,18	8,615	13,87	17,47	24,7	28,3	0,5	0,5
Max. temperature	°C	200				180					
Consumption of electricity	kWh	5,18	6,18	7,18	8,615	13,68	14,47	21,4	27,3	0,5	0,5
Consumption of gas	m³/h	-	-	-	-	-	-	-	-	2,62	3,13
Gas types		-	-	-	-	-	-	-	-	G20, G25, G30, G31, G110	
Max. gas pressure	mbar	-	-	-	-	-	-	-	-	50	
Noise level	dB (A)	55	55	55	60	55	55	< 57			
Ingress protection		-	-	-	-	-	-	IP42			
ELECTRIC CONNECTION											
		1x230V 50/60Hz 3x230V 50/60Hz 3x380-400V 50/60Hz				3x230V 50/60Hz 3x380-400V 50/60Hz		380-415V 3AC+N 50/60 Hz 208-240V 3AC 50/60 Hz 380-415V 3AC-N 50/60 Hz 440V-480 3AC 60 Hz (1) 440V-480 3AC 60 Hz 208-240V 1AC 50/60 Hz			
DIMENSIONS											
HxWxD	mm	1005	1005	1005	1005	1100	1100	1110	1110	1110	1110
	mm	1400	1600	1800	1800	2200	2600	2084	2500	2084	2500
	mm	420	420	420	420	500	500	755	755	755	755
Net weight	kg	110	118	135	135	262	294	435	490	410	465
TRANSPORT DATA											
Packed HxWxD	mm	1150	1150	1150	1150	1260	1260	1260	1260	1260	1260
	mm	1480	1680	1880	1880	2280	2690	2190	2610	2190	2610
	mm	500	500	500	500	590	590	800	800	800	800
Gross weight	kg	119	130	154	154	300	350	485	560	465	540

* According to ISO 9398-1, ** For the G20, 20 mbar, (1) max. 456 V
 *Option V = Variable Speed & Adjustable Temperature
 **Option AV = Variable Speed, Adjustable Temperature, & Suction Fan

 **senso.speed®**

SENSOSPEED® is an autonomous, combined, electronic regulation system which prevents overheating of the ironing cylinder edges and regulates the cylinder's speed.



Reliable Premix overpressure gas burner for low gas consumption with high efficiency. Extremely low emissions with high steady performance.

Infra flame covers the whole width = Maximum output. Patented outer exhaust system. Maintenance free.

CYLINDER HEATED IRONERS

I50

IF50

IR50

IFF50

I80

IF80

IR80

IFF80

I50 - 160,200,250, 320 cm

IF/IR50 - 200,250, 320 cm

IFF50 - 200,250, 320 cm

I, IR, IF, IFF80 - 320 cm

**I
RANGE**



FEATURES

- Large surface contact with linen over an angle of 300°
- High polished steel, thin cylinder
 - Reasonable price
 - Rapid response to temperature
 - Excellent thermal conductivity
- Easy to operate microprocessor: 20 pre-set ironing programmes
- Indication of ironing speed and temperature
- Reverse mode possible (IR,IF,IFF)
- Frequency controlled motor
- Easy to remove lint filters
- Space saving installation against the wall is possible: front return (I50)
- Electric, gas or steam heating
- Overheating check system (OCS) with 3 temperature sensors
- Ergonomic design

OPTIONS

- Chrome-plated cylinder for a better thermal conduction
- Pedal of insert table stop system
- SensoSpeed - auto adjustable ironing speed

- I range - cylinder heated drying ironers
- IF/IR range - cylinder heated drying ironers with length folder or rear return
- IFF range - cylinder heated drying ironers with feeder and length folder



I50



IF50



IR50



IFF50



I80



IF80



IR80



IFF80

TYPE		ISO-160	ISO-200	ISO-250	ISO-320	IF/IR50-200	IF/IR50-250	IF/IR50-320	IFF50-200	IFF50-250	IFF50-320
ROLLER DIAMETER	mm	500	500	500	500	500	500	500	500	500	500
USEFUL ROLLER LENGTH	mm	1600	2000	2600	3200	2000	2500	3200	2000	2500	3200
HEATING											
Electric heating	kW	32,4	37,2	54,0	64,8	38	55	65	38	72	-
Gas heating	kW	30	36	52	66	36	52	66	36	52	66
Steam heating	kg/h	36	49	68	88	49	68	88	49	68	88
Exhaust ventilation	mm	1x150	1x150	2x150	2x150	1x150	2x150	2x150	1x150	2x150	2x150
IRONING CAPACITY*											
Electrical & Gas heating	kg/h	65	80	95	120	80	95	120	80	95	120
Steam heating	kg/h	80	95	115	145	95	115	145	95	115	145
ROLLER SPEED	m/min.	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8	1,5-8
ELECTRIC CONNECTION											
		380-415V 3AC+N 50/60 Hz, 208-240V 3AC 50/60 Hz					3x380-415V+N 50/60Hz				
		380-415V 3AC-N 50/60 Hz, 440V-480 3AC 60 Hz					3x208-240V 50/60Hz				
DIMENSIONS											
	mm	1232	1232	1232	1232	1568	1568	1568	1760	1760	1760
HxWxD	mm	2350	2750	3350	3950	2750	3350	3950	2850	3450	4050
	mm	1052	1052	1087	1087	1185	1185	1185	1320	1320	1320
Net weight	kg	920	1150	1290	1590	1290	1440	1680	1720	2180	2400
TRANSPORT DATA											
Volume (packed)	m ³	4,24	4,97	6,00	7,03	7,14	8,62	10,13	9,06	10,88	12,69
	mm	1550	1550	1550	1550	1900	1900	1900	2090	2090	2090
Packed HxWxD	mm	2490	2890	3490	4090	2890	3490	4100	2990	3590	4190
	mm	1100	1100	1100	1100	1300	1300	1300	1450	1450	1450
Gross weight	kg	1120	1350	1500	1850	1520	1700	2000	1990	2460	2770

* Tested in accordance of ISO 9398-1, The data concerning dimensions of machines include all extended parts

TYPE		I80			IR80			IF80			IFF80		
		E	G	S	E	G	S	E	G	S	E	G	S
ROLLER DIAMETER	mm	800			800			800			800		
USEFUL ROLLER LENGTH	mm	3186			3186			3186			3186		
POWER													
Heating	kW (E,G) kg/h (S)	75	103*	190	75	103*	190	75	103*	190	75	103*	190
Roller motor	kW	0,9			1,15			1,25			2		
Fan motor	kW (50/60Hz)	2x0,55/0,75			2x0,55/0,75			2x0,55/0,75			2x0,55/0,75		
IRONING CAPACITY**	kg	195			195			195			195		
ROLLER SPEED	m/s	3-15			3-15			3-15 (3-8 with folding)			3-15 (3-8 with folding)		
FAN CAPACITY	m ³ /h	2x1300			2x1300			2x1300			2x1300		
ELECTRIC CONNECTION													
		380-415V 3AC+N 50/60 Hz 208-240V 3AC 50/60 Hz 380-415V 3AC-N 50/60 Hz 440-480V 3AC 60 Hz											
DIMENSIONS (HxWxD)													
Net weight	kg	1985x4260x1915			1985x4260x1915			1985x4260x1915			1985x4260x2010		
		2610	2480	2900	2860	2730	3150	2970	2840	3260	3170	3040	3460
TRANSPORT DATA													
Packed HxWxD	mm	2080x4380x2080			2080x4380x2080			2080x4380x2080			2080x4380x2080		
Gross weight	kg	2870	2740	3160	3120	2990	3410	3230	3100	3520	3430	3300	3720

* G20, 20 mbar

** According to ISO 9398-1

Optional Crossfolder and Stacker.
(for IFF50 and IFF80)



primus

laundry equipment

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