

primus®

GET AHEAD IN LAUNDRY

PRODUCT OVERVIEW



SC/SP
RANGE

PROFESSIONAL
WASHER EXTRACTORS
PROFESSIONAL DRYERS



SC65 SP10 SPS10

PAGE 4

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

PAGE 12

**MXB
MB**
RANGE

MEDICAL BARRIER
WASHER-EXTRACTORS



MXB360 MXB500

SD
RANGE

TUMBLE DRYERS



DAM6/C/HP SD10 SDS10

T (HP)
RANGE

TUMBLE DRYERS



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

PAGE 4

PAGE 16

I
RANGE

FLATWORK IRONERS



I25 I30 I33



I50 IF50, IR50

PAGE 20



RX350



RX520

PAGE 6



FX280

PAGE 8



FX 350, 450, 600



FS800, 1000, 1200

PAGE 10

FX, FS
RANGE

SOFT MOUNTED
WASHER
EXTRACTORS



MXB700

PAGE 12



MB70



MB90, 110



MB140, 180

PAGE 14

DX
RANGE

TUMBLE
DRYERS



DX11, 13, 16



DX24



DX25, 34



DX13/13



DX20/20



DX55



DX77, 90

PAGE 18



IFF50



CROSSFOLDER



STACKER



I80, IF80, IR80, IFF80

PAGE 22

PROFESSIONAL WASHER EXTRACTORS PROFESSIONAL DRYERS

SP/SD
RANGE

SP10	SPC10	SPS10	SPSC10
SD10	SDC10	SDS10	SDSC10
SC65			
DAM6			



SPC10

SDC10

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



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	RX105	RX135	RX180	RX240	RX280	RX350	RX520
8KG 18LB	11KG 24LB	14KG 31LB	18KG 40LB	24KG 53LB	28KG 62LB	33KG 73LB	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

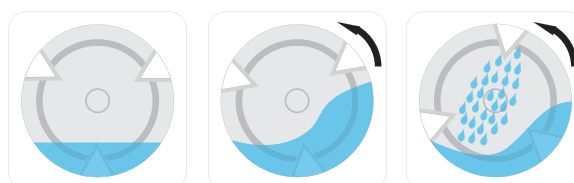
TYPE		RX80	RX105	RX135	RX180	RX240	RX280	RX350	RX520
INNERDRUM									
Maximum capacity 1:9	kg	9	12	15	20	27	32	37	58
Capacity 1:10	kg	7,5	10,5	13,5	18	24	28	33	52
Volume	litres	75	105	135	180	240	280	332	520
Diameter	mm	530	620	620	750	750	750	914	914
DRUM SPEED									
Wash	rpm	50	46	46	42	42	42	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 H×W×D	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 H×W×D	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

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



SOFT MOUNTED WASHER EXTRACTORS

FX
RANGE

FX65	FX80	FX105	FX135	FX180	FX240	FX280
7KG 15LB	9KG 20LB	12KG 26LB	15KG 33LB	18KG 40LB	24KG 53LB	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

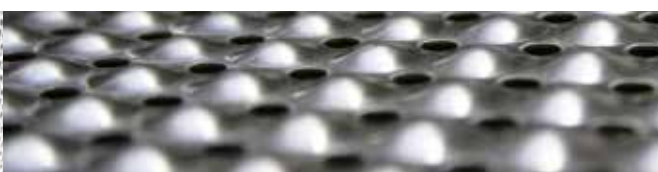
TYPE		FX65	FX80	FX105	FX135	FX180	FX240	FX280
INNERDRUM								
Maximum capacity 1:9	kg	7	9	12	15	20	27	32
Capacity 1:10	kg	6,5	7,5	10,5	13,5	18	24	28
Volume	litres	65	75	105	135	180	240	280
Diameter	mm	530	530	620	620	750	750	750
DRUM SPEED								
Wash	rpm	49	49	49	49	42	42	42
Extraction	rpm	1165	1165	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 H×W×D	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 H×W×D	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

FX RANGE

FX350	FX450	FX600
35KG 77LB	45KG 99LB	60KG 132LB

FS RANGE

FS800	FS1000	FS1200
80KG 176LB	100KG 220LB	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
FX 2x76 mm, FS 2x103 mm
- 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
- OPTILOAD™



FX350



FX450



FX600



FS800



FS1000



FS1200

TYPE		FX350	FX450	FX600	FS800	FS1000	FS1200
CAPACITY							
Drum volume	l	350	450	600	807	1003	1180
Capacity	kg	35	45	60	80	100	120
	lbs	77	99	132	180	230	275
Drum diameter	mm	Ø 914	Ø 914	Ø 1035	Ø 1110	Ø 1200	Ø 1300
MOTOR							
Frequency controlled		standard	standard	standard	standard	standard	standard
DRUM SPEED							
Wash speed	rpm	45	45	42	36	33	32
Spin speed	rpm	839	839	788	750	720	695
G-FACTOR		360	360	360	350	350	350
PROGRAMMER							
Xcontrol Plus microprocessor		standard	standard	standard	standard	standard	standard
CABINET							
Stainless steel AISI 304					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
CONNECTION							
Electrical					3x380-480V 50/60Hz 3x208-240V 50/60Hz		
	kW				11,25	15,25	18,75
Water inlet	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				Ø 8	Ø 8	Ø 8
Drain	mm	2x76	2x76	2x76	2x103 2x4"	2x103 2x4"	2x103 2x4"
DIMENSIONS							
HxWxD	mm	1925	1925	1925	1985	2060	2085
	mm	1315	1315	1315	1495	1790	1855
	mm	1270	1502	1502	1940	2005	2085
Net weight	kg	1010	1350	1500	2640	3170	3480
TRANSPORT DATA							
Volume (packed)	m ³	4,45	5,14	5,14	7,25	9,29	10,16
	mm	2125	2125	2125	2200	2345	2340
Packed HxWxD	mm	1425	1425	1425	1690	1865	2000
	mm	1470	1700	1700	1950	2125	2170
Gross weight	kg	1170	1490	1640	2830	3410	3710

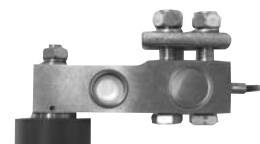
- = Not available

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 EXTRACTORS

FXB RANGE

FXB180	FXB240	FXB280
18KG 40LB	24KG 55LB	28KG 65LB

MXB RANGE

MXB 360	MXB 500	MXB 700
36KG 80LB	50KG 110LB	70KG 155LB



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)
(MXB 360, 500, 700 - 2 x 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
- Golden lock - patented inner door lock mechanism
- Patented Cascade drum (MXB)

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



MXB360



MXB500



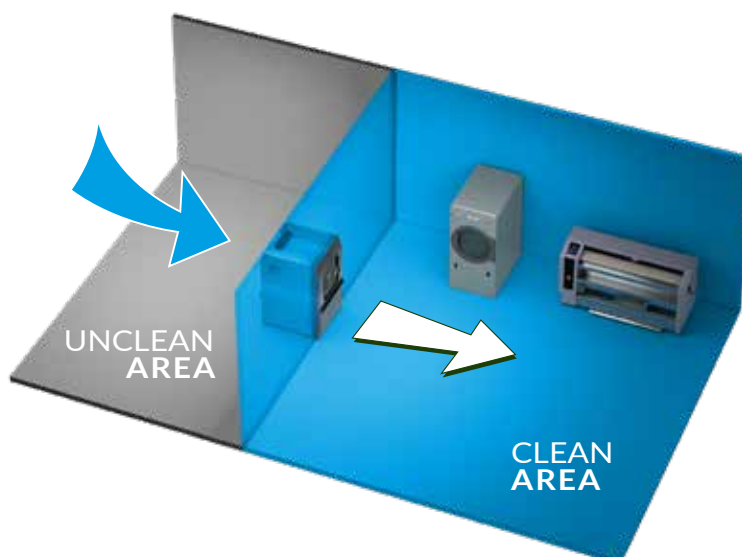
MXB700

TYPE		FXB180	FXB240	FXB280	MXB360	MXB500	MXB700
CAPACITY							
Drum capacity	kg/lb	18/40	24/55	28/65	36/80	50/110	70/155
Drum volume	l	180	240	280	360	500	700
Drum diameter	mm	Ø 750	Ø 750	Ø 750	Ø 775	Ø 775	Ø 775
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	41	41	41
Highest spin speed	rpm	939	939	914	900	900	900
G-FACTOR							
		370	370	350	350	350	350
PROGRAMMER							
XControl Plus		standard	standard	standard	standard	standard	standard
CABINET							
Stainless steel		standard	standard	standard	option	option	option
HEATING							
Electrical	kW	12/18	18	21,9	36	48	60
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			3x 200-240V 50/60Hz 3x 380-415V 50/60Hz 3x 440-480V 50/60Hz		
Water inlet		3x DN20 3/4"			3x 1"		
Steam inlet		1x DN15 1/2"			3/4"		
DIMENSIONS							
Size HxWxD	mm	1455	1455	1455	1700	1700	1700
	mm	900	1020	1130	1270	1566	2032
	mm	1145	1145	1145	980	980	980
Net weight	kg	430	460	490	960	1130	1310
TRANSPORT DATA							
Packed HxWxD	mm	1610	1610	1610	2005	2005	2005
	mm	1010	1130	1240	1530	1830	2290
	mm	1235	1235	1235	1255	1195	1195
Gross weight	kg	485	515	550	1090	1280	1470



PRIMUS HYGIENIC SYSTEM PROVIDES A TOTAL SOLUTION TO HELP YOU PREVENT CROSS-CONTAMINATION.

PRIMUS CAN CONSULT OVER THE WHOLE PROCESS.



MEDICAL BARRIER WASHER EXTRACTORS

**MB
RANGE**

MB70	MB90	MB110	MB140	MB180
70KG 154LB	90KG 195LB	110KG 242LB	140KG 309LB	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 MB 70, 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				3x380-480V 50/60Hz 3x200-240V 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.



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



T9 (HP)

T 11 (HP)

T 13 (HP)

T 16 (HP)

T13/13

TAMS13

T24

T35

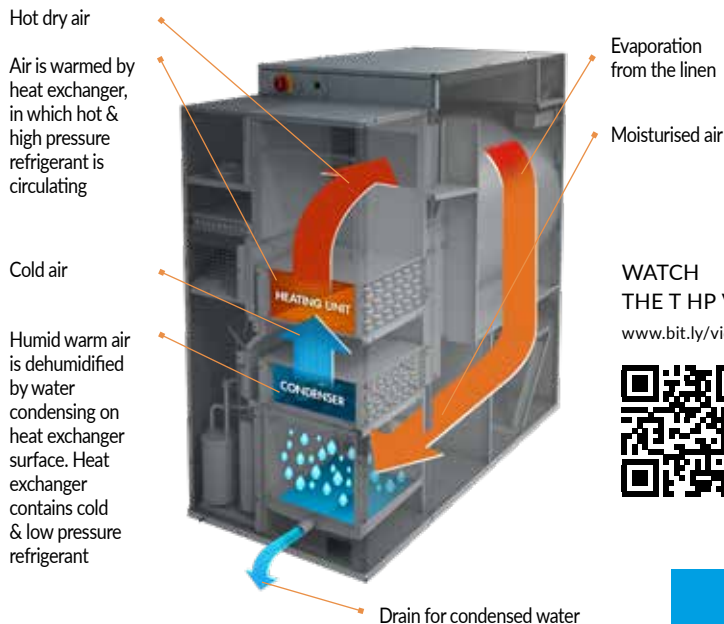
TYPE		T9 (HP)	T11 (HP)	T13 (HP)	T16 (HP)	T24	T35
CAPACITY							
Drum capacity	kg/lb	9/20	11/24	13/27	16/35	24 (53)	35 (77)
Drum volume	l	190	250	285	345	530	680
Drum diameter	mm	Ø 760	Ø 760	Ø 760	Ø 760	Ø 930	Ø 930
MOTORS							
Fan	kW	0,37 (0,20)	0,55 (0,20)	0,55 (0,20)	0,55 (0,20)	0,55	0,55
Drive	kW	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	3/4"	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)	
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	200					
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	-	-
	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	-	-
	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	DX34	DX55	DX77
11KG 25LB	13KG 30LB	16KG 35LB	24KG 53LB	25KG 55LB	34KG 75LB	55KG 120LB	77KG 170LB
DX90							
90KG 200LB							



FEATURES

- Controls:
 - Dual Digital Control or OPL Micro
 - Coin operated version: XQ-Control
- 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
- Reversing drum
- Residual moisture control Sensodry+® (only with Full OPL Micro):
 - 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	13	16	24	25	34	55	77	90	
Drum volume	l	220	270	350	490	530	634	1020	1410	1660	
Drum diameter	mm	Ø 673	Ø 673	Ø 762	Ø 838	Ø 940	Ø 940	Ø 1120	Ø 1290	Ø 1290	
AIRFLOW											
Airflow	l/s	240	240	280	330	330	380 (G 330)	660	1010	1010	
DRYING AVERAGE											
Gas heating	g/min	226	267	349	485	476	571	979	1401	1673	
Electric heating	g/min	172	258	340	371	390	521	698	-	-	
MOTOR											
Fan	kW	0,4	0,4	0,4	0,4	0,4	0,4	1,1	1,1	1,1	
Drive	kW	0,2	0,2	0,2	0,4	0,4	0,4	1,1	1,1	1,1	
GAS HEATING											
Energy	kW	18,8	21,4	26,4	32,8	38,1	48,3	79	116	125	
Energy	kBTU/h	64	73	90	112	130	165	270	395	425	
Electrical connection		1x100-120V/50-60Hz, 1x200-240V/50-60Hz, 3x200-240V/50-60Hz, 3x440-480V/50-60Hz, 3x380-415V/50-60Hz						3x 200-240V/50-60Hz, 3x 440-480V/50-60Hz, 3x 380-415V/50-60Hz			
Gas connection	NPT	½"	½"	½"	½"	½"	½"	1"	1"	1"	
STEAM HEATING											
High pressure 6,9 bar	kW	24,47	24,47	30,3	-	33,29	39,24	54,95	77,81	77,81	
	kBTU/h	83,5	83,5	103,4	-	113,6	133,9	187,5	265,5	265,5	
Electrical connection		1x100-120V/50-60Hz, 1x200-240V/50-60Hz, 3x200-240V/50-60Hz, 3x440-480V/50-60Hz, 3x380-415V/50-60Hz						3x200-240V/50-60Hz, 3x440-480V/50-60Hz, 3x380-415V/50-60Hz			
Steam connection	NPT	¾"	¾"	¾"	-	¾"	¾"	¾"	¾"	¾"	
ELECTRICAL HEATING											
Energy	kW	12	21	24	27	30	36	60	-	-	
Electrical connection		1x200-208V/50-60Hz, 3x200-208V/50-60Hz, 1x 230-240V/50-60Hz, 3x 230-240V/50-60Hz, 3x 380V/ 50-60Hz, 3x400-415V/50-60Hz, 3x 440V/50-60Hz, 3x 460-480V/50-60Hz									
EXHAUST		Ø /mm	150	150	200	200	200	200	254	305	305
DIMENSIONS											
H×W×D	mm	1625	1625	1625	1700	1960	1960	2175	2390	2390	
	mm	710	710	800	925	980	980	1170	1345	1345	
	mm	1000	1155	1155	1350	1190	1350	1270	1315	1505	
Net weight (E)	kg	140	150	160	200	310	320	565	-	-	
Net weight (G)	kg	135	145	155	195	295	310	555	635	705	
Net weight (S)	kg	135	145	155	195	315	325	605	705	770	
TRANSPORT DATA											
Packed (foil) H×W×D	mm	1720	1720	1720	1790	2060 (S2120)	2060 (S2120)	2290	2510	2510	
	mm	760	760	840	900	1050	1050	1220	1320	1320	
	mm	1090	1240	1240	1450	1270	1420	1820	1870	2070	
Gross weight (foil,E)	kg	150	160	170	220	330	340	600	-	-	
Gross weight (foil,G)	kg	145	155	165	215	320	330	585	670	740	
Gross weight (foil,S)	kg	145	155	165	215	335	350	635	740	805	
Packed (crate) H×W×D	mm	2210	2210	2210	2210	2240	2240	2310	2550	2550	
	mm	880	880	950	1020	1170	1170	1350	1530	1530	
	mm	1170	1320	1320	1520	1350	1500	1890	1950	2140	
Gross weight (crate,E)	kg	210	220	230	300	395	410	675	-	-	
Gross weight (crate,G)	kg	205	214	220	295	380	395	660	755	825	
Gross weight (crate,S)	kg	205	214	220	295	400	415	710	825	895	



SAFETECH - Fire suppression 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 CYLINDER HEATED IRONERS

I 25 30
I 33

I
RANGE

I 25 I 30 I 33

I 25 - 100,120,140 cm
I 30 - 160, 200 cm
I 33 - 160, 200 cm

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												
	mm	1005	1005	1005	1005	1100	1100	1110	1110	1110	1110	
HxWxD	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												
	mm	1150	1150	1150	1150	1260	1260	1260	1260	1260	1260	
Packed HxWxD	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



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

I
RANGE

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



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		150-160	150-200	150-250	150-320	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 380-415V 3AC-N 50/60 Hz, 440V-480 3AC 60 Hz					3x380-415V+N 50/60Hz 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)	m³	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	m³/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)	mm	1985x4260x1915			1985x4260x1915			1985x4260x1915			1985x4260x2010		
Net weight	kg	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)





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