ตลิ่งไทยพัฒนา
Talingthai Development

99/1 Moo 20, Tumbol Lumlukka, Amphur Lumlukka, Pathumthani 12150 Tel:+66(0)2-1081649   www.talingthai.com

TTD Laundry Machinery ®

Brand for Laundry System

10 Anniversary TTD

QUALITY WITHOUT
COMPROMISE

Talingthai Development Co.,Ltd. has been established on 16th Jan 1999. We sell equipment related to industrial laundry: washer, dryer, ironer, steam ironer, dryclean washer, press, form finisher, hydro extractor, garment conveyor, sheet folder, marking number, boiler, etc. Customers can consult us since the beginning of the idea to build their laundry room.

To prevent machines breaking down, we have spareparts on stock ready for customers.

Machines on stock waiting for customers to select at our warehouse.

Our main office is located in Lumlukka, Pathumthani.

Laundry Lay-Out designed by our engineer who is professional in laundry system.

LAUNDRY LAY-OUT
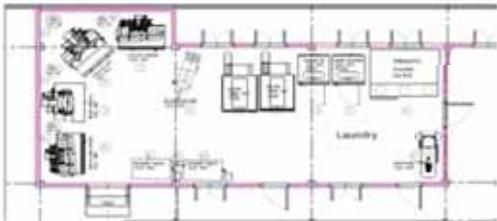
Thanks for your attention

TALING THAI DEVELOPMENT

After machine installation, our technician was training the operators how to use this dryer.

Our Northern branch in Chiangmai.

PROFESSIONAL STACKED WASHERS AND DRYERS

SPS RANGE	SPS 10	SPSC 10
	10KG	10KG
	22LB	22LB

SDS RANGE	SDS 10	SDSC 10
	10KG	10KG
	22LB	22LB

SDSC10

SPSC10

FEATURES STACK UNITS

- Totally freestanding:can be instaled on any floor and any level
- Reduced floor space
- OPL or Coin operated versions
- Top, front and side panels standard available in anthracite grey
- Door opens 180° for easy loading and unloading
- LED indication of the status of the program
- Time remaining countdown

FEATURES WASHER EXTRACTORS

- Stainless steel outer and inner drum
- Industry-leading 440 G-Force extraction removes more moisture, minimizing drying times and utility costs
- Suspension with new out-of-balance logic
- Soap box with four compartments
- Standard with drain pump, drain valve optionally available
- Electrical heating or boiler-fed
- 6 wash programs
- Possibility of programming cycle modifier options » Added prewash » Extra wash time » Extra rinse

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
- Electrical or gas heating
- 4 drying programs
- LED indication of the status of the program

SDS10

SPS10

STACKABLE UNIT

EASY OPERATION

SUITABLE FOR LAUNDROMATS

GET AHEAD IN LAUNDRY

3

TYPE		WASHER
CAPACITY	kg	10
DRUM VOLUME	l	96,8
MOTOR Frequency controlled	kW	0,67
EXTRACTION SPEED	rpm	1200
G-FACTOR		440
ELECTRICAL CONNECTION		1×220-240V 50Hz 3×220-240V 50Hz 3×380-415V+N 50 Hz
ELECTRICAL HEATING	kW	4,8
DRAIN Pump Drain valve		standard available

TYPE		DRYER
CAPACITY	kg	10
DRUM VOLUME	l	198
ELECTRICAL CONNECTION		1×220-240V 50/60Hz 3×220-240V 50Hz 3×380-415V+N 50 Hz
ELECTRICAL HEATING	kW	5,2 (230V) 5,3 (400V)
GAS HEATING	kW	7,3
MOTOR POWER	kW	0,25

TYPE		SPS10	SPSC10	SDS10	SDSC10
MODEL		washer/dryer		dryer/dryer	
USE	l	OPL	COIN	OPL	COIN
DIMENSIONS H×W×D	mm	1986×683×704		1986x683x737	
Net weight	kg	177		120 (el.) /125 (gas)	
TRANSPORT DATA					
Volume (packed)	m³	1,25		1,30	
Packed H×W×D	mm	2032×760×860		2032×760×860	
Gross weight	kg	193		127 (el.) /132 (gas)	
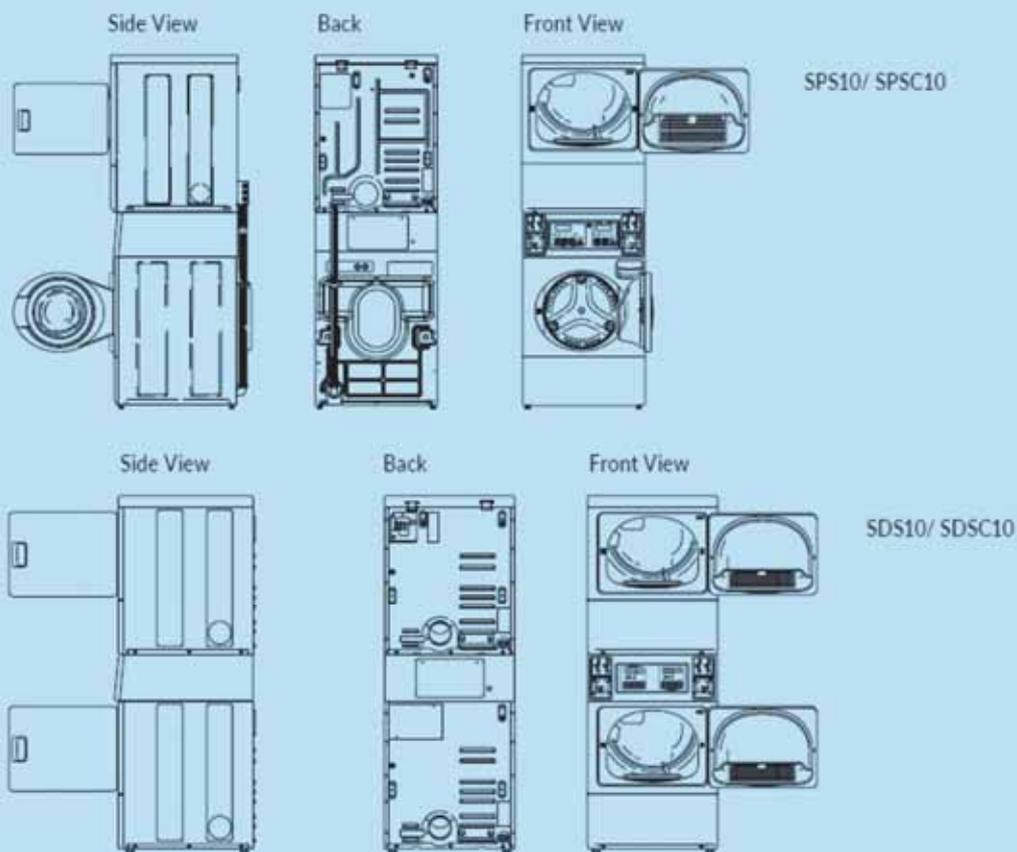
Side View Back Front View SPS10/ SPSC10

Side View Back Front View SDS10/ SDSC10

HARD MOUNTED WASHER EXTRACTORS

RX RANGE

	RX80	RX105	RX135	RX180	RX240	RX280	RX350	RX520
	8KG	11KG	14KG	18KG	24KG	28KG	33KG	52KG
	18LB	24LB	31LB	40LB	53LB	62LB	73LB	115LB

- Rigid mounted, medium spin, 200 G-factor (RX80-135), 100 G-factor (RX180, 240, 280, 520), 150 G-factor (RX350)
- Stainless steel top panel & Anthracite grey front and side panels
- Stainless steel drum and tub
- Xcontrol - easy to use microprocessor
- Patented Soap Hopper
- Large drain valve (Ø 76 mm, 2×Ø 76mm for RX350-520)
- Easy access to all vital parts from the front
- Large door opening for easy loading & unloading
- UltraBalance - Unbalance detection system
- Standard Easy-Soap -liquid soap connection with control board 8 x 24VAC signals

FEATURED TECHNOLOGIES

cascade drum XCONTROL+ super eco easySOAP

POWERWASH TRACE-TECH ultra balance

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)

POWERWASH

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

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

RX80 RX105 RX135 RX180 RX240 RX280 RX350 RX520

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

SOFT MOUNTED WASHER EXTRACTORS

FX	FX65	FX80	FX105	FX135	FX180	FX240	FX280
RANGE	7KG	9KG	12KG	15KG	18KG	24KG	28KG
	15LB	20LB	26LB	33LB	40LB	53LB	62LB

- 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
- UltraBalance - Unbalance detection system
- Standard Easy-Soap -liquid soap connection
  with control board 8 x 24VAC signals

FEATURED TECHNOLOGIES

cascade drum   XCONTROL+   super eco   easySOAP

POWERWASH   TRACE-TECH   ultra C balance
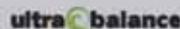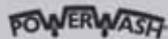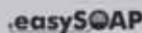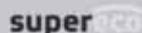
OPTIONS

- 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)

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.

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
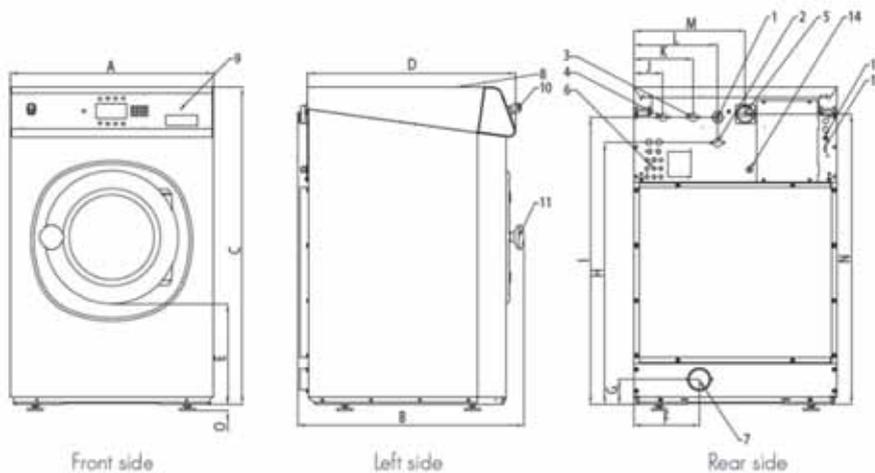
FX65　FX80　FX105　FX135　FX180　FX240　FX280

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

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

- Freestanding, high spin
- Stainless steel drum and tub
- Xcontrol Plus - Fully programmable microprocessor
- Large door opening (Ø54 cm) for easy loading and unloading
- Large drain valves (2xØ76 mm)
- Easy access to all vital parts from the front
- Frequency controlled motor
- Ergonomic height of door enables easy access with trolleys
- User Friendly control position regardless user's height
- PowerWash® perforated lifting ribs: more mechanical action, lower water consumption
- SuperEco washing programmes - significantly reduces water and electricity consumption

FEATURED TECHNOLOGIES

POWERWASH

supereco

Xcontrol+

Trace-Tech

OPTIONS

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

Forward Tilt
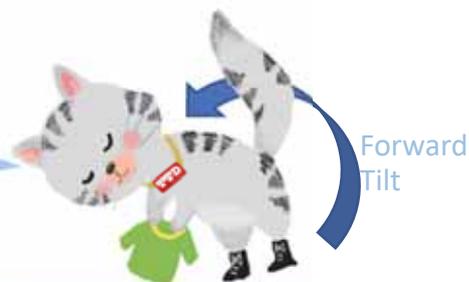
TYPE		FX350	FX450	FX600	FS800	FS1000	FS1200
CAPACITY							
Drum volume	l	350	450	600	807	1003	1180
Capacity	kg	35	45	60	80	100	120
	lbs	77	99	132	180	230	275
Drum diameter	mm	Ø 914	Ø 914	Ø 1035	Ø 1110	Ø 1200	Ø 1300
MOTOR							
Frequency controlled		standard	standard	standard	standard	standard	standard
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				3×380-480V 50/60Hz 3×208-240V 50/60Hz			
	kW				11,25	15,25	18,75
Water inlet	inch	1"	1"	1"	3×1 1/2"	3×1 1/2"	3×1 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	2×76	2×76	2×76	2×103	2×103	2×103
					2×4"	2×4"	2×4"
DIMENSIONS	mm	1925	1925	1925	1985	2060	2085
H×W×D	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)	m³	4,45	5,14	5,14	7,25	9,29	10,16
	mm	2125	2125	2125	2200	2345	2340
Packed H×W×D	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

FX350   FX450   FX600   FS800   FS1000   FS1200

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	MXB360	MXB500	MXB700
	36KG 80LB	50KG 110LB	70KG 155LB

- Freestanding, high spin
- Complete stainless steel cabinet (FXB models)
- Large drain valve Ø76 mm
- Stainless steel drum and tub
- Easy access to all parts
- Frequency controlled motor
- Large door opening for easy loading and unloading.
- XControl+ multilingual freely programmable controls
- PowerWash® perforated lifting ribs: better washing results, lower water consumption
- SuperEco washing programmes - significantly reduces water and electricity consumption
- Automatic door positioning
- Easy Soap - liquid soaps connection

FEATURED TECHNOLOGIES

POWERWASH   super eco   XCONTROL+

OPTILOAD   TRACE-TECH

OPTIONS

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

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
CONECTIONS							
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							
	mm	1455	1455	1455	1700	1700	1700
Size H×W×D	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							
	mm	1610	1610	1610	2005	2005	2005
Packed H×W×D	mm	1010	1130	1240	1530	1830	2290
	mm	1235	1235	1235	1255	1195	1195
Gross weight	kg	485	515	550	1090	1280	1470

FXB180   FXB240   FXB280   MXB360   MXB500   MXB700

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

PRIMUS CAN CONSULT OVER THE WHOLE PROCESS.

UNCLEAN AREA

CLEAN AREA
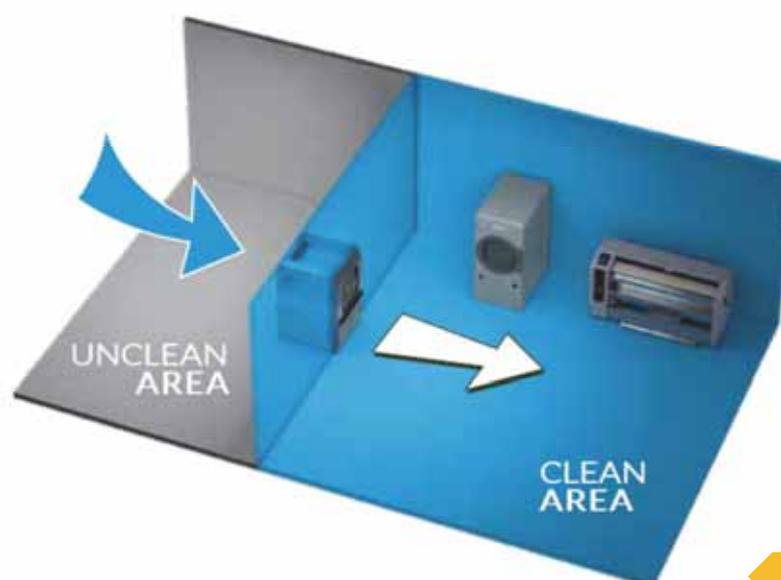
MEDICAL BARRIER WASHER EXTRACTORS

MB RANGE

MB70	MB90	MB110	MB140	MB180
70KG	90KG	110KG	140KG	180KG
154LB	195LB	242LB	309LB	397LB

- Freestanding, high spin
- Stainless steel cabinet (AISI 304)
- Stainless steel drum and tub
- Graphitronic® - new graphic display with almost unlimited possibilities as:
  - Communication interface enabling remote service
  - Multilingual microprocessor
  - Freely programmable
- Oversized frame, bearings and drum
- Large door opening (765x340 mm) for easy loading and unloading.
- Large drain valve (Ø126 mm)
- Easy access to all parts
- Frequency controlled motor
- PowerWash® peforated chamber walls:
  more mechanical action, lower water consumption
- Standard Y–pocket (3 pockets) drum
  on MB 110, 140, 180
- Standard Pullmann (2 pockets) drum
  on MB 70, 90
- SuperEco washing programmes -
  significantly reduces water and
  electricity consumption
- Patented soap dispenser with
  5 removable compartments
  (MB 180 - 10 compartments)

FEATURED TECHNOLOGIES

POWERWASH

super eco

Graphitronic®

OPTILOAD

TRACE-TECH

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 optimalization system
- Second display
- Self lubrication of bearing's oil seal
- Second drain valve for water recycling
  (Ø76mm)
- Second drain valve (Ø126 mm)

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	3×1,5" + 1×3/4"	3×1,5" + 1×3/4"	3×1,5" + 1×3/4"	3×1,5" + 1×3/4"	3×1,5" + 1×1"
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

MB70   MB90   MB110   MB140   MB180

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	T9	T11	T13	T16	T24	T35
	9KG 20LB	11KG 24LB	13KG 27LB	16KG 35LB	24KG 53LB	35KG 77LB

T HP RANGE	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 | T 13 | T 16 | 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		3×220-240V 50Hz, 1×220-240V 50Hz, 3×380-415V 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		3×220-240V 50Hz, 1×220-240V 50Hz, 3×380-415V 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		3×220-240V 50Hz, 3×380-415V 50Hz, 3×480V 60Hz				3×380V-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 H×W×D	mm	1465	1680	1680	1680	1975	1975
	mm	795	795	795	795	965	965
	mm	815	1070	1160	1280	1270	1490
Size H×W×D 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 H×W×D	mm	1570	1785	1785	1785	2075	2075
	mm	880	855	855	855	1040	1040
	mm	885	1100	1190	1310	1320	1540
Packed H×W×D 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.

Hot dry air

Air is warmed by heat exchanger, in which hot & high pressure refrigerant is circulating

Cold air

Humid warm air is dehumidified by water condensing on heat exchanger surface. Heat exchanger contains cold & low pressure refrigerant

Evaporation from the linen

Moisturised air

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

Drain for condensed water

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TUMBLE DRYERS

DX RANGE

DX11	DX13	DX16	DX24	DX25	DX34	DX55	DX77
11KG	13KG	16KG	24KG	25KG	34KG	55KG	77KG
25LB	30LB	35LB	53LB	55LB	75LB	120LB	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, 13 | DX16 | DX24 | DX25, 34 | DX13/13 | DX20/20 | DX55 | DX77, 90 |

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		1×100-120V/50-60Hz, 1×200-240V/50-60Hz, 3×200-240V/50-60Hz, 3×440-480V/50-60Hz, 3×380-415V/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		1×100-120V/50-60Hz, 1×200-240V/50-60Hz, 3×200-240V/50-60Hz, 3×440-480V/50-60Hz, 3×380-415V/50-60Hz						3×200-240V/50-60Hz, 3×440-480V/50-60Hz, 3×380-415V/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		1×200-208V/50-60Hz, 3×200-208V/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	875	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

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   I 25 30
CYLINDER HEATED IRONERS   I 33

| I25 | I30 | I33 |

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)
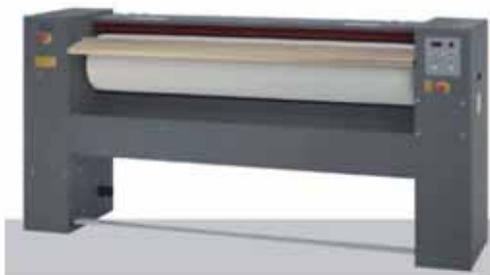
FEATURES I33

- 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

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.

sensospeed

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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 LENGHT	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											
H×W×D	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 H×W×D	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

Model	E200.30
Roller dimension	2000 x φ300mm.
Supply tension *configurable	V.400/3N/50Hz.
Heating power	15 kW
Motor(s)	1.1 kW
Absorption (Amps)	V.230/3: 40.6A V.400/3: 23.3A
Ironing speed, variable	1 – 5 m/min
Steam Extraction	Standard φ75mm., 360m²/h
Hourly production (recommended moisture)	60kg (25%)
Ironer dimensions (wxdxh) mm.	2570x540x1080
Packing crated (wxdxh) mm.	2740x730x1400
Weight gross/net	306 / 253 kg.

Chromed Chest.

Feeding Profile.

PRODUCT DESCRIPTION

The simple design makes maintenance of these ironers easy and possible using in the majority of cases commercial or local parts: an ideal solution for remote regions/ areas such as oil rigs or laundries onboard. E200.30 has been designed to meet the requirements of a market needing to find a balance between investment and performance.

Two ironing speeds allow a minimum speed adjustment to match different fabrics or humidities, while an electronic temperature control with freely adjustable temperature gives these ironers the necessary flexibility needed to answer the needs of the most different laundry activities.

RECOMMENDED FOR:

Hotels, restaurants, sport clubs, communities, schools, nursing and care homes, camps, shipboard laundries, oil rigs, small industrial laundries, dry cleaning shops.

STANDARD FITTED WITH:

- Hard chromed chest guaranteed 3 years against corrosion
- Electromechanical control
- Two ironing speeds
- Steam extraction system
- GEMINI dual temperature control
- Smart foot pedal stopping roller rotation and leaving hands free to adjust linen in the introduction phase
- Aluminium feeding table
- Emergency stop button and finger protection bar
- Front linen return

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CYLINDER HEATED IRONERS

| I50 | IF50 | IR50 | IFF50 | I80 | IF80 | IR80 | IFF80 |

I
RANGE

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 300⁰
- 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		I50-160	I50-200	I50-250	I50-320	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 LENGHT	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				3×380-415V+N 50/60Hz					
		380-415V 3AC-N 50/60 Hz, 440V-480 3AC 60 Hz				3×208-240V 50/60Hz					
DIMENSIONS	mm	1232	1232	1232	1232	1568	1568	1568	1760	1760	1760
H×W×D	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)	m²	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 H×W×D	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 LENGHT	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)		2×0,55/0,75			2×0,55/0,75			2×0,55/0,75			2×0,55/0,75	
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		2×1300			2×1300			2×1300			2×1300	
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 (H×W×D)	mm		1985×4260×1915			1985×4260×1915			1985×4260×1915			1985×4260×2010	
Net weight	kg	2610	2480	2900	2860	2730	3150	2970	2840	3260	3170	3040	3460
TRANSPORT DATA													
Packed H×W×D	mm		2080×4380×2080			2080×4380×2080			2080×4380×2080			2080×4380×2080	
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)

Recommended Spareparts

RX180 240 280 350 520 547085 keyboard X control+	RX180 240 280 350 520 547086 keyboard X control	RX180 240 280 555498 V-Belt	RS18 35 RX180 FX180 540127 heater	RX180 525929 inverter
RX180 240 280 350 520 547017 Keypad Primus logo X control	RX180 240 280 350 520 514164 Steam Valve	RX180 240 280 FX180 240 280 535447 Door seal	RS22 27 RX240 FS55 MB44 540132 heater	RS18 22 RX240 280 525930 inverter
RX180 240 280 548000 steam tube	RX520 534292 heating element	RS27 35 RX350 520 529574 Door seal	RX520 525932 inverter	RS27 35RX350 FX180 240 525931 inverter
RX520 554370 heating element	RX520 560438 Service kit motor	FS55 800 1000 1200 321848223000 Soap container plastic	FX450 FS55 800 1000 1200 101344 inlet 2 way valvw180	FS55 525933 inverter
FS55 273115021905 Sealing of glass	FS55 326269185250 Damper 250 Shock	FX350 450 600 FS800 1000 1200 553411 Control board MC7	FS800 1000 1200 802123119 Door seal	FS1000 1200 525907 inverter
FS800 1000 1200 536502 solenoid valve	FS800 1000 1200 536503 solenoid valve	FX180 240 280 547018 Keypad Primus logo Xcontrol+	FX350 450 600 26269185250 Damper Shock Absorber	FX350 450 600 FS800 1000 1200 566863 Keyboard
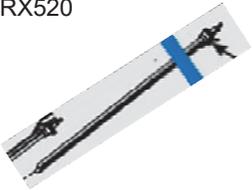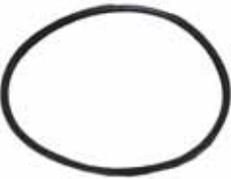
T16 24 35 101939 keyboard MI	T16 515257 V-Belt	T16 518647 V-Belt	T16 24 35 357456010080 ignition box	T16 24 35 PRI610011077 Microswitch
T16 24 35 514530 Mechanical Door latch	T24 35 528925 V-Belt	T24 35 523732 V-Belt	T24 35 516143 Ignition Cable	DX34 430619 Roller
DX34 44259601P Motor PMAC Drive	DX34 RSPM401182P V-Belt	DX16 24 25 34 55 77 90 70479201P Control	DX16 24 25 34 RSP70483201P Gas ignition control	DX55 RSPH87520284 Pully 2.8OD
DX55 77 90 70211902P Door seal	I33 537502 control Board MCI10	I33 537620 Fan premixengine	I33 537623 Bolier control	I33 540314 Motor+Gearbox
IR50 MEC001055 Thermostat 50-300C	I33 IR50 IFF50 357606501028 Pressure switch	IR50 503801 control board MCI30	IR50 IFF50 357375457102 Ignition electrode	IR50 IFF50 357456457102 gas ignition control
I33 545136 Keyboard	I33 537622 Gas Valve	IR50 IFF50 545113 Ironing belt 50%poly+50%Nomex	IFF50 514111, 514113 Stcker belt	IR50 IFF50 MEC001410 Rubber band
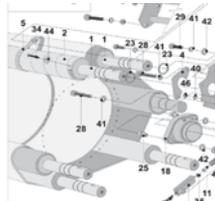
BE THE HIGH PERFORMANCE CLEANING BUSINESS OF TOMORROW – TODAY WITH SOFTWASH®XTREME CARE

The innovative and high-performance SoftWash® Xtreme Care by Primus® using Shower-Jet™ technology give you plenty of advantages:

- Better cleaning quality
- Easy to use
- Lower running cost
- Increased loading factor (up to 2/3 for wool)
- Possibility to clean more delicate fibers
- Better protection of the garments
- Very little additional finishing time
- Only available on models FX135 – FX180H – FX240 & FX280 (not available on other models)

SoftWash
WET CLEANING

OPEN UP NEW CLEANING OPPORTUNITIES

- Clean wool, silk, and other delicates with ease, including viscose, acetate, rayon, angora, cashmere
- Clean GORE-TEX® and Sympatex without damaging the membrane or waterproofing
- Clean 70% of leather and suede garments with SoftWash® Xtreme Care
- Clean curtains

Shower-Jet

The **Shower-Jet™** recirculation pump extracts the water from the bottom of the drum and pumps it upward. This process makes drum rotation unnecessary.

1 Spotting to remove the dirts from your garments.
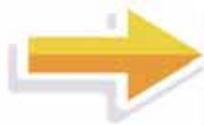
2 Washing your garment with so gentle cycles and with environmental-friendly chemical.

3 Drying your garment with dryer that has moisture control.

TYPE OF SHOP BY SIZE	ITEMS PER DAY	SOFTWASH® PACK (WASHER+DRYER)	ADVANTAGES
Small Shops • Dry cleaning replacement	90	Washer 13,5 kg + Dryer 13,5 kg	• Low investment • Ideal to do only wet cleaning
Medium Shops • Dry cleaning replacement	130	Washer 18 kg + Dryer 16 kg	• Perfect pack for a shop: wet cleaning and laundry washing • Can wash duvet, cover • Versatile
New shops	180	Washer 24 kg + Dryer 24 kg	• Perfect pack for a shop: wet cleaning and laundry washing • Can wash duvet, cover • Productivity

Cycle time = 22-25 min
Loading factor = 1/15

Reduce energy costs

No costly chemicals or disposal of hazardous waste

Lower your water use and eliminate distillation costs

Achieve up to

34
wool items/hr

Delicate garment washed with a washer and dryer of 18kg (12kg for wet cleaning)

WASHERS CONTROL

XControl+
• 99 cycles
• Fully programmable
• Graphic display
• Multilingual (21 languages)
• USB port

DRYERS CONTROL

Full Control
• Up to 20 cycles, 10 preprogrammed
• Temperature freely programmable
• Drying time freely programmable
• Cool down time freely programmable

	DRY CLEANING (PERC)	TRADITIONAL WET CLEANING	SOFTWASH® XTREME CARE
Process simplicity	+++	- - - Extensive training required, utilisation of new equipment	+++ Very easy to use; use of existing dry cleaner's equipment
Oil/grease stains removal pre-spotting requirement	+++ But often post-spotting required to remove pigments dissolved in oil/grease	- - - Requires extensive pre-spotting, many stains cannot be removed (wax)	+++
Water-soluble stains pre-spotting requirement	- - - Systematic pre-spotting of water-soluble stains	+ Requires some pre-spotting	+++
Dry-to-dry capability	+++ Clean, dry and finish < 1 hour	- - - Hang-to-dry	+++ Clean, dry and finish < 1 hour
Finishing requirement	+++ Little ironing requirement; extensive post-spotting required	- - - Lots of wrinkles (due to fibre swelling), extensive finishing required	+++ Very little additional finishing time compared to dry cleaning)
Cleaning possibilities (limited for those types of garments)	+ Fur, plastic-coated, rubber, solvent-soluble beads, white cotton, ...	- - Fur, satin silk, sensitive velvet, water-soluble dyes, ...	+++ Certain fur, water-soluble dyes

Specific Dosing Pump System

Dryer with SoftWash® Xtreme Care option

Wet Cleaning & laundry programs

Non-flammable detergents

Revolutionary dry-to-dry cleaning process

Process time as fast as solvent

Better productivity than solvent

Removes oil stains

No health risk for customers and operators

No usage restrictions compared with Perc

Big Range Flatwork Ironer made in UK

Anniversary		600 Dimensions		850 Dimensions			
Number of Rolls		1	2	1	2	3	4
Length - A		1575mm	2425mm	1836mm	2936mm	4036mm	5136mm
Width - B	3.0M	4235mm	4235mm	4158mm	4158mm	4158mm	4158mm
Width - B	3.3M	4536mm	4536mm	4458mm	4458mm	4458mm	4458mm
Width - B	3.6M	4837mm	4837mm	4758mm	4758mm	4758mm	4758mm
Width - B	4.0M	n/a	n/a	5058mm	5058mm	5058mm	5058mm
Height - C		1725mm	1725mm	1610mm	1610mm	1610mm	1610mm
Technical							
Working widths		3.0M, 3.3M, 3.6M		3.0M, 3.3M. 3.6M, 4.0M			
Roll diameter		600mm		850mm			
Speed range		0.5-10M/min	0.5-18M/min	0-15M/min	0-28M/min	0-38M/min	0-44M/min
Evaporative capacity	3.0M	85 Kg/hr	170 Kg/hr	140 Kg/hr	280 Kg/hr	420 Kg/hr	560 Kg/hr
	3.3M	93 Kg/hr	187 Kg/hr	154 Kg/hr	308 Kg/hr	462 Kg/hr	616 Kg/hr
	3.6M	102 Kg/hr	204 Kg/hr	168 Kg/hr	336 Kg/hr	504 Kg/hr	672 Kg/hr
	4.0M	n/a	n/a	187 Kg/hr	373Kg/hr	560 Kg/hr	747 Kg/hr
Air pressure		5.5-7 Bar		5.5-7 Bar			
Air consumption (free air lift cycle)		16 Litres	32Litres	34 Litres	48 Litres	72 Litres	96 Litres
Electrical supply (standard)		380-415 Volts 3ph + N/ 50Hz		380-415 Volts 3ph + N/ 50Hz			
Suction outlet (OD)		150mm		200mm			
Steam inlet (NB)		40mm		50mm			
Air inlet (NB)		6mm		10mm			
Technical - Steam							
Steam pressure		6-10 Bar		6.2-13.8 Bar			
Electrical consumption (max)		2.1kW	3.2kW	4.7kW	8.0kW	13.5kW	17.5kW
Steam consumption (max)	3.0M	135 Kg/hr	270 Kg/hr	180 Kg/hr	360 Kg/hr	520Kg/hr	695 Kg/hr
	3.3M	149 Kg/hr	297 Kg/hr	198 Kg/hr	396 Kg/hr	572 Kg/hr	765 Kg/hr
	3.6M	162 Kg/hr	324Kg/hr	216 Kg/hr	432Kg/hr	624 Kg/hr	834 Kg/hr
	4.0M	n/a	n/a	240 Kg/hr	480Kg/hr	693 Kg/hr	927 Kg/hr
Condense outlet (NB)		25mm		50mm			
Technical - Gas							
Gas burner output		180kW	180kW x 2	180kW	180kW x 2	n/a	n/a
Heater exhaust outlet diameter		150mm	150mm x 2	150mm	150mm x 2	n/a	n/a
Gas connection		25mm	25mm x 2	25mm	25mm x 2	n/a	n/a
Suction outlet (OD)		200mm	200mm x 2	200mm	200mm x 2	n/a	n/a
Electrical consumption (max)		5.5kW	9kW	9kW	18.5kW	n/a	n/a
Length - A (other dimensions as above)		1614mm	2441mm	2037mm	3380mm	n/a	n/a
Technical - Thermal Fluid							
Electrical consumption (max)		2.1kW	3.2kW	4.7kW	8.0kW	13.5kW	17.5kW
Oil flow rate		17M^3/hr	17M^3/hr	17M^3/hr	17M^3/hr	17M^3/hr	17M^3/hr
Oil back pressure	3.0M	1.3 Bar	2.6 Bar	1.7 Bar	3.5 Bar	5.0 Bar	7.0 Bar
	3.3M	1.4 Bar	2.8 Bar	1.9 Bar	3.8 Bar	5.5 Bar	7.7 Bar
	3.6M	1.6 Bar	3.2 Bar	2.1 Bar	4.2 Bar	6.0 Bar	9.3 Bar
	4.0M	1.7 Bar	3.8 Bar	2.3 Bar	4.7 Bar	6.7 Bar	8.4 Bar
Energy required (BTU's)	3.0M	560000	1060000	800000	1500000	2200000	3000000
	3.3M	620000	1160000	880000	1650000	2420000	3300000
	3.6M	680000	1270000	960000	1800000	2640000	3600000
	4.0M	750000	1400000	1070000	2000000	2930000	4000000
Volume of oil per chest	3.0M	45 litres	45 litres x 2	77 litres	77 litres x 2	77 litres x 3	77 litres x 4

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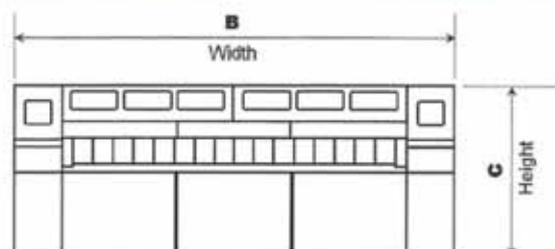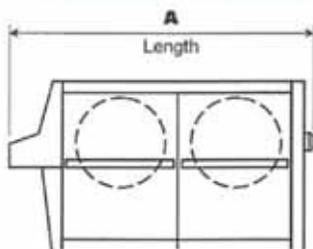
1050 Dimensions				1300 Dimensions			500 Dimensions
1	2	3	4	1	2	3	1
2036mm	3336mm	4636mm	5996mm	2286mm	3836mm	5447mm	1060mm
4158mm	4158mm	4158mm	4158mm	4156mm	4156mm	4156mm	3880mm
4458mm	4458mm	4458mm	4458mm	4456mm	4456mm	4568mm	4180mm
4758mm	4758mm	4758mm	4758mm	4756mm	4756mm	4768mm	4480mm
5058mm	5058mm	5058mm	5058mm	n/a	n/a	n/a	n/a
1665mm	1665mm	1665mm	1665mm	1781mm	1781mm	1781mm	1270mm
Technical				**Technical**			**Technical**
3.0M, 3.3M, 3.6M, 4.0M				3.0M, 3.3M. 3.6M			
1050mm				1300mm			500mm
0-25M/min	035M/min	0-45M/min	0-55M/min	0-30M/min	0-40M/min	0-52M/min	0.5-5M/min
175 Kg/hr	350 Kg/hr	520 Kg/hr	695 Kg/hr	214 Kg/hr	428 Kg/hr	642 Kg/hr	65 Kg/hr
192 Kg/hr	385 Kg/hr	572 Kg/hr	765 Kg/hr	235 Kg/hr	471 Kg/hr	706 Kg/hr	72 Kg/hr
210 Kg/hr	420 Kg/hr	624 Kg/hr	834 Kg/hr	257 Kg/hr	514 Kg/hr	770 Kg/hr	87 Kg/hr
233 Kg/hr	467Kg/hr	693 Kg/hr	927 Kg/hr	n/a	n/a	n/a	n/a
5.5-7 Bar				5.5-7 Bar			5.5-7 Bar
24 Litres	48 Litres	72 Litres	96 Litres	48 Litres	96 Litres	144 Litres	10 Litres
380-415 Volts 3ph + N/ 50Hz				380-415 Volts 3ph + N/ 50Hz			380-415/3/50
200mm				200mm			75mm
65mm				65mm			20mm
10mm				10mm			6mm
Technical - Steam				**Technical - Steam**			**Technical - Steam**
6.2-13.8 Bar				6.2-13.8 Bar			6-13.8 Bar
8.0kW	13.5kW	17.5kW	24.5kW	8.0kW	13.5kW	24.5kW	1.0kW
225 Kg/hr	450 Kg/hr	645 Kg/hr	860 Kg/hr	275 Kg/hr	550 Kg/hr	825 Kg/hr	105 Kg/hr
248 Kg/hr	495 Kg/hr	510 Kg/hr	946 Kg/hr	303 Kg/hr	605 Kg/hr	908Kg/hr	115 Kg/hr
270 Kg/hr	540 Kg/hr	774 Kg/hr	1032 Kg/hr	330Kg/hr	660Kg/hr	990 Kg/hr	126 Kg/hr
300 Kg/hr	600Kg/hr	860 Kg/hr	1147 Kg/hr	n/a	n/a	n/a	n/a
50mm				50mm			20mm
Technical - Gas				**Technical - Gas**			**Technical - Gas**
180kW	180kW x 2	n/a	n/a	180kW	180kW x 2	n/a	58kW
150mm	150mm x 2	n/a	n/a	150mm	150mm x 2	n/a	100mm
25mm	25mm x 2	n/a	n/a	25mm	25mm x 2	n/a	12mm
200mm	200mm x 2	n/a	n/a	200mm	200mm x 2	n/a	75mm
12.5kW	24kW	n/a	n/a	12.5Kw	24kW	n/a	3.0kW
2295mm	3595mm	n/a	n/a	2300mm	4095mm	n/a	1060mm
Technical -Thermal Fluid				**Technical - Thermal Fluid**			**Thermal Fluid**
8.0kW	13.5kW	17.5kW	24.5kW	8.0kW	13.5kW	24.5kW	n/a
$17M^3$/hr	$17M^3$/hr	$17M^3$/hr	$17M^3$/hr	$17M^3$/hr	$17M^3$/hr	$17M^3$/hr	n/a
2.2 Bar	4.3 Bar	6.5 Bar	8.7 Bar	2.5 Bar	5.0 Bar	7.5 Bar	n/a
2.4 Bar	4.7 Bar	7.2 Bar	9.6 Bar	2.8 Bar	5.5 Bar	8.3 Bar	n/a
2.6 Bar	5.2 Bar	7.8 Bar	10.5 Bar	3.0 Bar	6.0 Bar	9.0 Bar	n/a
2.9 Bar	5.7 Bar	8.7 Bar	11.6 Bar	3.3 Bar	6.7 Bar	10.0 Bar	n/a
1000000	2000000	3000000	4000000	1200000	2400000	3600000	n/a
1100000	2200000	3300000	4400000	1320000	2640000	3960000	n/a
1200000	2400000	3600000	4800000	1440000	2880000	4320000	n/a
1330000	2660000	4000000	5300000	n/a	n/a	n/a	n/a
94 litres	94 litres x 2	94 litres x 3	94 litres x 4	115 litres	115 litres x 2	115 litres x 3	n/a

Front View

2 lateral and 3 cross folds

Model with automatic spreader clamps.
Only one operator is needed.

- Maximum piece length: 300cm
- Maximum piece width: 300cm
- Number of lateral folds: 2
- Lateral folds: accurate and fast folding by air knives
- Number of cross folds: 3
- Cross folds: reversing belts and knife
- Power supply: 3 x 380 / 400V, 50 Hz, 3ph + 0 + earth
- Power consumption: 3.3 kWh
- Air pressure: 6 bar
- Air consumption: 25 – 35 m³/hr
- Air connection: ½" (any other connection on request)
- Production capacity: 900 pcs/hr
- Machine dimensions: according to lay-out drawing

Utilities information (for each machine):
- Power supply: 3 x 380/400V or 220/240V, 50/60 Hz, 3phase + 0 + earth. Machine will be supplied with 5 meter cable with 16A CEE male plug.
- Air supply: 6 bar

Rear View

MAIN TECHNICAL DETAILS:

- Working width: 3300mm
- Number of primary folds: 2
- Number of lanes (primary fold only): 1, however 2, 3 or 4 lane is offered as option
- Type of folds: air pulse by double tube
- Number of lanes (cross fold): 1
- Number of cross folds: 3
- Maximum piece width (cross fold): 900mm
- Type of folds: knife and reversing belts
- Air pressure: 6 bar
- Air connection: Ø13mm
- Power supply: 3 x 380V, 50Hz (other supplies on request)
- Power: 4.7 kW

CONTROL SYSTEM

The **OBIFOLD multi** has a PLC based control system and colour touch-screen.

- Creating or changing a folding program is very simple due to operator friendly lay-out and simple menu setting.
- Up to 99 folding programs can be selected.
- Data can be backed-up via USB flash.
- System diagnosis for easy problem solving.
- Ethernet capability (optional).
- Communication with feeder and ironer available.
- Fault history available.

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Made in The Netherlands

|				
Electronic Steam Iron: Star **with "Triple Touch"** (single micro-switch in three different positions: right, central and left), safety thermostat and plug. Handle available both in "open" or in "closed version".	Electronic Steam Iron: Electronic170 **Professional electronic steam iron** with electronic control box and nickel Teflon sole	Steam Iron: Minivapor simple and economical, with micro-switch and safety heating element. Suitable for generators Mod. Baby	Steam Iron: Allsteam **professional** iron **steam heated**,with mechanical steam valve **no electric wires , no heating element**	Seambuster Electronic Steam Iron: Seam Buster **professional steam iron** with special design for seam opening of pants and sleeves. with micro-switch and safety thermostat
Iron Mod. J 2 Electrical . No steam Iron MOD.Junior E - NO STEAM with cable for power supply and plug	**Steam/air Gun: Pistola** connected to an external steam. used for spotting or for tapestry and saddlery work. Length of the nozzle can be set to different needs.	Steam Brush for Finishing: Liu for last touch on delicate garments, (eg. wedding gowns) or for curtains and couches.apply it to small generators, to manual power feeding	Condensate Separator Group: GFV with electric controls´ panel and steam hose with support. supplied with steam iron , solenoid valve and sylicon iron rest or steam brush. or All Steam iron .	Electronic Steam Boiler 20l: BR-25 w/ electronic level control device. w/ feed pump, electronic control devices and safety door switch.Power: kW 10-12-15-18. Steam production/hr: kg 13-16-20-25
Steam Boiler for Iron: Arie with manual water supply, set with professional iron: Baby 1.8 • 1.8 lt boiler Baby 2.3 • 2.3 lt boiler Baby 4.0 • 4 lt boiler	Electronic Steam Boiler for Iron: BR-1 **Steam** boiler equipped with steam iron, 5 lts. capacity. kW 3.3	Electronic Steam Boiler for Iron: BR-2 Boiler from 5 lt. to 9 lt. Resistance from kW 3,3 to kW 8	Electronic Steam Boiler 30l : BR-50 with electronic level control device. equipped with feed pump, control devices and safety door switch.	Electronic Steam Boiler5l, 9l :BR-8/16 **BASIC:** for 8 - 10 working hr/day day max. **DE LUXE:**for 14 - 16 working hr/day.
Electronic Steam Boiler55L : BR-65 with electronic level control device. feed pump, control devices and safety door switch.	Electronic Steam Boiler30L : BR-50 1PIU1 with electronic control device, pump feeding, control device and safety door switch Power: W/ tank for condensate recovery OR Tank w/ special water pump at 90° temp	Electronic Steam Boiler55L : BR-65 1PIU1 with electronic control device, pump feeding, control device and safety door switch Power: W/ tank for condensate recovery OR Tank w/ special water pump at 90° temp	Electronic Steam Boiler55L : BR-90 with electronic level control. Equipped with Feed pump , control devices and safety door switch. Available also w/ steam working pressure at 7 bar, ideal for shirt -finishers and collar/cuffs press	Electronic Steam Boiler55L : BR-90 1PIU1 with electronic control device, pump feeding, control device and safety door switch Power: W/ tank for condensate recovery OR Tank w/ special water pump at 90° temp
Spotting table with stainless steel board: F-793with built-in suction fan, for external supply when it is supplied with steam iron (GFV).	Mini-spotting portable unit:MERCURY with SS board to be connected to external compressed air supply, with product gun with tank and air drying gun	Cold spotting table w/ suction cap: F-793 board and sleeves spot arm. Two spot guns with tank for liquid spot agents One drying air gun	Stainless steel Spotting table:S-782 connection to central steam , vacuum and air supplies. by pushing a pedal with a different pressure , gun releases 3 type of steam: dry, moist and wet.	Vacuum ironing table:VENUS , manual heigth adjustment from 930 mm. to 750 mm.powerful vacuum with built-in vacuum unit operated by pedal.

EKO2 Pre-spotting **cabinet**, equipped with: pressurised soap tank and spray gun, can be supplied with -additional soap tank.	Ecological cabin post-spotting cabinet:EKO3 **Cabin** made of SS, for **POST SPOTTING**,to be equipped with spotting guns according to the different needs .	Ecological cabin pre&post-spotting cabinet: EKO1 to improve the quality of your dry-cleaning.one 5 liter pressurised soap tank,SS, with soap spray gun.Post-spotting unit includes: two independent pivoting SS spotting bucks. cold spotting gun with tank and support. Air drying gun.	Universal form finisher for outerwear garments: M-780 - with boiler for the blowing finish of all outerwear garments. with a 9 liters or a 20 liters boiler capacity	Universal form finisher for outerwear: M-781 - to be connected with external steam supply.the blowing finish of all outerwear garments ,suitable for laundry, dry-cleaning, manufacturing and hotel business.
Universal PNEUMATIC form finisher: M-781 /P for outerwear garment - to be connected with external steam supply	ECONOMO Universal former for outerwear garments : M-781 ECONOMO - to be connected with external steam supply	Universal form finisher for outerwear garments: M-781/GV - to be connected with external steam supply - sleeve stretching devices	Sleeve form finisher: SF - to be connected with external steam supply	Universal form finisher with tensioning for outerwear garment M-501 - to be connected to steam supply
Tensioning form finisher M-502, for connection to an external steam supply. to fulfil demands of a Wet Cleaning pressing system that requires vertical tensioning for perfect seam finishing and fabric "revitalising".	Dummy for Form finisher Mod. MAXI - for universal use for coats finishing specific for large size garments/coats with special long front clamp and large size bag Dummy´s height cm. 150 Suitable for MGC - MG - MGP	Dummy for Form -Finishers WET - perfect for water washed garments for universal ironing . Without bag for a better finishing of the linings and with manual garment stretching. special clamps and sleeve expanders .	Dummy for Form-finisher STANDARD - universal for coats with adjustable bag + skirt , front and rear paddle clamps , two special clamps and two sleeve expanders . Height cm. 130 Suitable for MGC - MG - MGP	Universal Topper 823/TT- manual waist and leg tensioning
pneumatic Topper MPT-823/A pneumatic waist tensioner - legs tensioning with manual clamps	pneumatic Topper MPT-823/D - pneumatic waist tensioner and pneumatic trolley for leg tensioning.	pneumatic Topper MPT-823/DF pneumatic waist and legs tensioners - Photocell for locking of legs tensioning trolley	pneumatic topper MPT-823/DP2-pneumatic waist and legs tensioning - with special paddles to fix pleats	pneumatic Topper MPT-823/DL - pneumatic waist tensioner with LATERAL WAIST stretching device and pneumatic trolley for leg tensioning.

Magic includes men's shirts, women's blouses, polo shirts, medical uniforms, and chef's uniforms.	Universal Shirt finisher M-951 -manual tensionings	Shirt and universal form finisher EASYFORM 2000- with or without boiler	Shirt and universal form finisher EASYFORM 3000 - with or without boiler	Shirt finisher - Single buck shirt press - Pegasus
VEGA , the new rotary double-buck shirt press.	SIRIO291 finishing cabinet for any kind of garment :jackets , coats, dresses , trousers , skirts , etc.	SIRIO -291 socks Steam Finishing Cabinet for setting socks of any type and size or fiber. 600 pc/hr	Air operated press . CT-750/U, utility shape boards	Air operated press AT-770/U , utility shape board. Fast head movement, 60° head opening.
Pneumatic air operated press AT-770/UP-UP, utility legger shape . Fast head movement and 60° head opening .	Pneumatic press AT-770/L , legger shape board. Fast head movement, 60° head opening.	Air operated press CT-750/T , topper shape boards	Air operated press AT-770/U SPECIAL, utility shape board. Fast head movement, 60° head opening	SPECIAL Air operated press AT-770/UP SPECIAL, utility legger shape board. Fast head move 60° head opening,
Air operated press AT-770/L SPECIAL, legger shape board. Fast head movement, 60° head opening	Manual operated press ST-702/U, utility shape boards	Manual operated press ST-702/UP, utility legger shape boards	Manual operated press ST-702/L, legger shape boards	Manual operated press ST-702/T , topper shape boards

Manual operated press ST-702/ULL, utility shape board with polished head.	Manual operated ST-702/UPL, utility legger-laundry shape board with nickel plated heated polished head (HOT).	Manual operated press ST-702/LL, legger/laundry shape boards with nickel plated heated polished head (HOT HEAD)	Manual operated press ST-702/ULL, utility shape board with polished head.	Manual operated press ST-702/UPL, utility legger-laundry shape board with nickel plated heated polished head (HOT HEAD).
Manual operated press ST-702/LL, legger/laundry shape boards with nickel plated heated polished head (HOT HEAD)	Air operated press CT-750/ULL, utility laundry shape with polished head.	Air operated press AT-770/ULL, utility laundry shape with polished nickel plated head. Fast head movement, 60° head opening	Air operated press AT-770/UPL, utility legger laundry shape with polished nickel plated head. Fast head move 60° head opening	Air operated press AT-770/LL , legger laundry shape with polished nickel plated head. Fast head movement , 60° head opening.
Air operated press AT-770/ULL SPECIAL, utility laundry shape board with polished nickel plated head . Fast head movement, 60° head	Air operated press AT-770/UPL SPECIAL, utility legger laundry shape board with polished nickel plated head . Fast head move, 60° head open	Air operated press AT-770/LL SPECIAL, legger laundry shape board with polished nickel plated head . Fast head movement, 60° head opening,	Air operated press CT - CP , for the finish of collar and cuffs of shirts	Pneumatic Press LV-800/BB, Bosom Body shape with high grade nickel plated head
Pneumatic Press LV-800/U utility shape with high grade nickel plated head.	Pneumatic Press LV-800/UP, utility and legger shape with high grade nickel plated head	Pneumatic Press LV-800/L , legger shape with high grade nickel plated head.	Pneumatic Press LV-800/R, rectangular shape with high grade nickel plated head.	Pneumatic Press LAV-800/R2, rectangular / lab-coats shape with high grade nickel plated head.

Pneumatic Press LAV-800/R2, rectangular / lab-coats shape with high grade nickel plated head.	Pneumatic Press Mod. LV-800/F, mushroom shape with high grade nickel plated head	Pneumatic Press LV-800/BB, Bosom Body shape with high grade nickel plated head.	Pneumatic press for finishing leather garments PP-703 .	Air operated trouser press POLARIS for double legger horizontal pressing.

T-Shirt Folding and Semi-Auto Packing Machine

Made in Italy

76 cm.

100 cm.

120 cm.

Optional Foot Switch

Microprocessor Control

Lockable Wheels
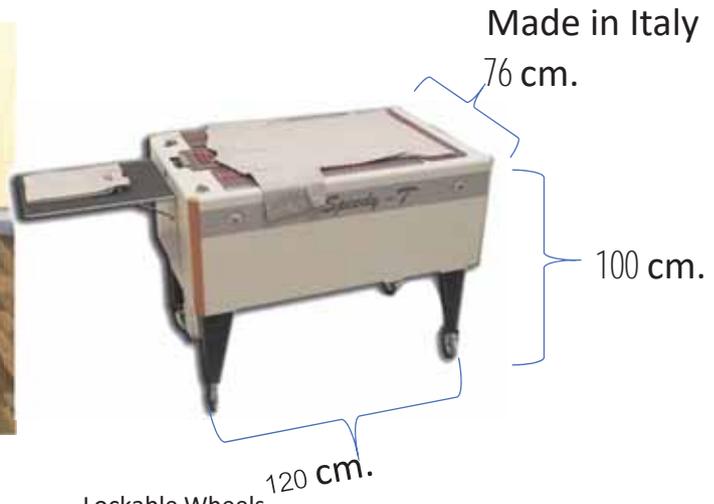
Easy and fast to fold shirts & small linen. 10 folding programs

Max Production 500pieces/hr. and 50pcs./hr with packaging

① ② ③ ④ ⑤ ⑥ ⑦

10 FOLDING PROGRAMS

SELF DIAGNOSTIC

T-SHIRT COUNT

Speedy T 2005: numbered sequence

10 TTD Anniversary

34

Y151T
Temporary identification system

Print, cut and seal

Thermopatch
Since 1934

PREVENT SORTING ERRORS

Color codded tages make sorting a simple task. Shirts can be sorted into movable transporters or numbered rail clips right off the folder or finishing unit, reducing the amount of labor required. Labels print clearly, adhere firmly, and yet peel off easily leaving no residue. Label length adjusts automatically to match the number of characters used.

Thermo-Seal® taperolls

The tape specifically made for all Thermo-Seal® temporary marking machines. The eleven colors are orange, yellow, red, gray, lavender, white, green, blue, pink, gold and tan. Adheres to cotton, poly/cotton blends, loose weave polyester and wools.

Thermo-Flags® tags

Where Thermo-Seal® tape can't be applied directly to the garment, apply tape to a Thermo-Flag® and staple or pin to garment. White only.

Ink ribbon cartridge

Black indelible ink, part # RC2410-15. Prints stays clear and legible through laundering, dry cleaning and finishing operations. The ink cartridge is very easy to load.

A user friendly display


MODEL MDB-3
WITH AC MOTOR

Optional Features:

Motor cycles (50 Hz, 60 Hz)
Optional overflow bypass port
Normally open or normally closed
Wire leads or terminals on the motor
Three different motor cover/protectors
Replaceable inlet seal
Updated valve housing color
Motor voltage (24 VAC, 115 VAC, 230 VAC)
Motor orientation (left or right side of valve housing)

LEFT SIDE MOTOR

RIGHT SIDE MOTOR

depend-o drain, inc.
Manufacturers of Plastic Valves

Commercial Laundry Drain Valve

RoHS COMPLIANT

Available Inlets* "A" x "D" (O.D. x Length) inches	Available Outlets* "B" x "E" (O.D. x Length)		Available Optional Overflow Port* "C" (O.D. x Length) inches
	inches	metric	
3" x 1.9"	3.15" x 1.5"	56mm x 25.4mm	1-1/2"" x 1"
3" x 1.2"			1-3/8"X1"
3" x 0.2"			

* Customized sizes available on request

Model MDP2 | Model MDP-2RA | Model MDB2 | Model MDB3 | Model MDB3RA | Model MDV-100-1 | Model PD-4

L
5' 6"
5' 6"

E
13' 8"
5' 6"

T
5' 6"
6' 6"

U
8' 11"
5' 6"

OVERALL LENGTH
WITH GARMENTS

4'-3"

2'-3"

6'-6"
OVERALL
HEIGHT

5'-6"
HANGING
HEIGHT

MODEL-W

> Very easy to feed the liquid chemical detergent to any washing circles. Just press the program button!
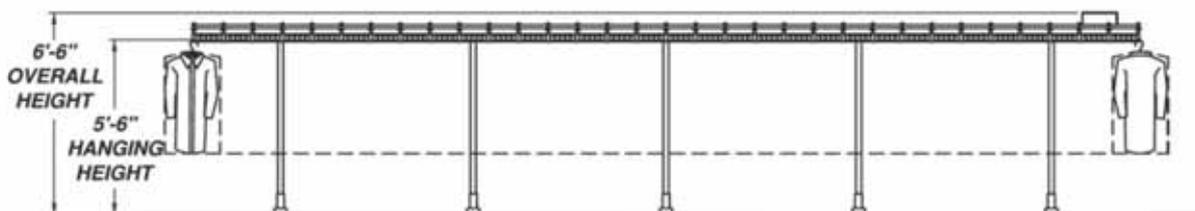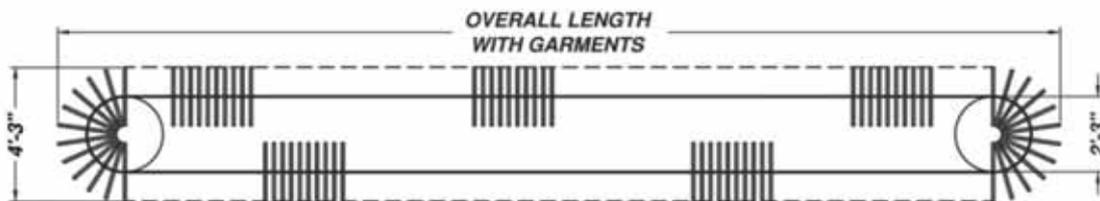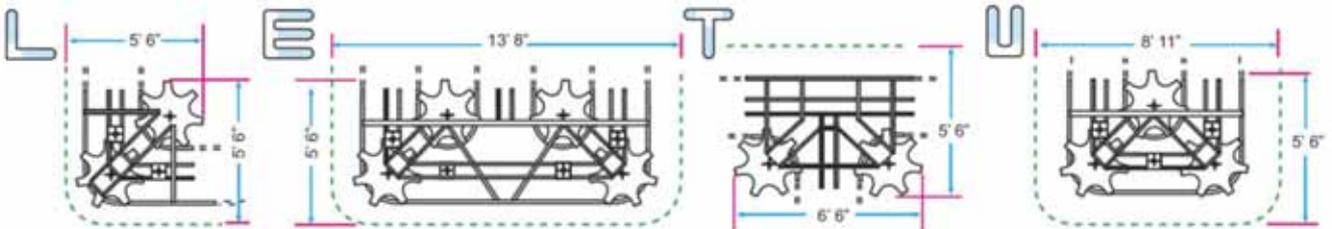
HARDWARE FEATURES

- Advanced PCB hardware
- Brushless motors
- 16 x 4 character illuminated screen
- Wireless USB communications
- Configure any combination 2-10 pumps
- Easy add-on pump configuration
- Full speed control on all pumps
- Full range of accessories to suit your installation
- Formula select module available for easy access to programme selection
- Independently CE and UL approved

ON-PREMISE LAUNDRY DOSING SYSTEM

The BrightLogic on-premise laundry dosing systems (OPL) allow you to dose from 1 to 10 chemicals with a flow rate of up to 285ml* per minute. The space-saving patented double pump head is easy to install and maintain thanks to the quick-tube-change configuration. Suitable for both intelligent and non-intelligent washing machines up to 35kg, they can be used in relay mode or with a formula select programmer.

The laundry dosing systems are available in 2, 4, 6, 8 and 10 pump versions, however you can easily upgrade to a unit with a plug-and-play pump module.

TECHNICAL SPECIFICATIONS

|	2 PUMP BRIGHTLOGIC	4-10 PUMP BRIGHTLOGIC
VOLTAGE / FREQUENCY	100-240V AC / 50-60Hz	100-240V AC / 50-60Hz
CURRENT	L2: 0.4A (100V) - 0.14A (240V)	L4: 0.46A (100V) - 0.16A (240V) L6: 0.8A (100V) - 0.27A (240V) L8: 1.14A (100V) - 0.38mA (240V) L10: 1.48A (100V) - 0.50A (240V)
POWER	L2: 36W	L4: 41W L6: 71W L8: 102W L10: 133W
SIGNAL SUPPLY	12-240V AC or DC	12-240V AC or DC
OUTPUTS	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max	Flush Valve 24V DC, 1.25A (10W) max Buzzer/Lamp 24V DC 500Ma, (10W) max
FLOWRATE	6mm BrightChem max (100%) 285ml per/min (Using water) 6mm BrightChem min (30%) 70ml per/min (Using water)	6mm BrightChem max (100%) 285ml per/min (Using water) 6mm BrightChem min (30%) 70ml per/min (Using water)
TUBE OPTIONS	Grey-Silicone Brightchem EDPM Viton	Grey-Silicone Brightchem EDPM Viton
CONTROL CIRCUITRY	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code	16 x 4 illuminated LCD display, Programming via 9 external keypad keys, Security access code
MOTOR	Brushless 24V DC, 600mA	Brushless 24V DC, 600mA
ENCLOSURE	Glass-Filled Polypropylene IP45	Glass-Filled Polypropylene IP45
INSTALLATION KIT	Available on request	Available on request
APPROVALS	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006	EMC89/336/EEC EN61000-6-4:2007 LVD72/23/EEC EN60335-1:2002+A2:2006
DIMENSIONS (MM) (H X W X D)	L2 - 285 x 190 x 166	L4 - 266 x 285 x 166 L6 - 266 x 425 x 166 L8 - 266 x 565 x 166 L10 - 266 x 705 x 166
WEIGHT	L2 - 2kg	L4 - 3.55kg L6 - 5.20kg L8 - 6.31kg L10 - 7kg

Laundry Chemical Powder 25kg./box

No.	Code	ชื่อสินค้า Descritption	Type
1	16-C-0001	ผงซักฟอกด้วยมาตรฐานสูง แพม-เพาเวอร์ Pam-Power: Ensures good removal of fatty soils. Specially formulated for washing all linen.	Wash
2	16-C-0009	ผงเสริมด่าง แพม-อัลดา Pam-Alka: removal of fats, oils, grease and can dissolve blood stain's protein.Contains sequestering agent for detergency and hardness control in preventing fabric yellowing and promoting uniform bleaching activity.	wash
3	16-C-0005	ผงล้างคลอรีน แพม-ซาว Use for neutralizing and antichlor in final rinse	rinse
4	16-C-0006	ผลิตภัณฑ์ทำความสะอาดคราบเลือด แพม-พรีวอช Pam-Prewash: remove blood stain before wash	Prewash
5	16-C-0007	ผงฟอกขาวชนิดออกซิเจน แพม-ออกซี่เจน Proven bleach composition designed for use.Help extend fabric life and whiten fabric Eliminates fabric damage due to accidental spillage	wash

รายการที่ 1, 3-5 มีตัวอย่างให้ทดลองใช้ 1 กิโลกรัม

Liquid Laundry Detergents 20 Litre/gallon

| No.	Code	ชื่อสินค้า Description	Type
1	16-C-00010	แซม-พาวซ์ ผลิตภัณฑ์ซักผ้า Sam-Powz: Ensures good removal of fatty soil. Prevent yellowing of fabric due to ironing.Guarantee lasting brightness and whiteness of fabric.Protects the fabric from bleach damage.	wash
2	16-C-00011	แซม-อัลค่า ผลิตภัณฑ์เสริมด่าง Sam-Alka: promoting detergency on light, medium and heavy soil wash classification.	wash
3	16-C-00012	แซม-ออกซี่ ผงฟอกขาวชนิดออกซิเจน Sam-Oxy: Use for safe and effective bleaching action for white and colored classifications.	bleach
4	16-C-00013	แซม-โนรัส ผลิตภัณฑ์ล้างด่างและสนิม Sam-Norust: Use for removing rust and stain from fabric and is ideal for use in areas where iron in the water supply causes fabric discoloration.	rinse
5	16-C-00014	แซม-ซอฟท์ ผลิตภัณฑ์ปรับผ้านุ่มสูตรเข้มข้น Improve the softness and perfume to the finished work.	Softener

Padding, Belt, and Wax
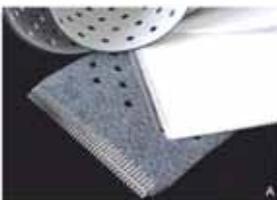
Ironing Belt

100% polyester padding
Width 3.3, 3.4, 3.5, 3.6 M.

Springpress

Guide Tape

50% poly+
50% Nomex Ironing Belt

Wax

How to contact Talingthai?

1. Main Office: Tel: +66 (0) 2-1081649   Fax: +66 (0) 2-1081650
email: info@talingthai.com   www.talingthai.com

2. Chiangmai Office: Tel: +66 (0)52-089447   Fax: +66 (0)52-089448
email: info@talingthai.com   www.talingthai.com

3. Sales Department: Tel: +66 (0) 2-1081649 #108   Facebook: Sales Talingthai Development
email: info@talingthai.com; sales@talingthai.com

4. Spareparts Department: Tel: 02-1081649#106, 116 ; 086-0708118   Line: 086-0708118
email: adparts@talingthai.com; spareparts@talingthai.com
5. Chemical Department: Tel: 02-1081649#103; 086-0708118   Line: @ttd chemical
email: store@talingthai.com   Facebook: Aftersales Talingthai (Page):Adparts Talingthai

6. After-Sales Department: Tel: 081-9110878   Line: 0819110878
email: support@talingthai.com   Facebook: Aftersales Talingthai