

primus®



TUMBLE DRYERS

DX
RANGE

DX 13

13KG
30LB

DX 24

24KG
55LB



FEATURES

- Controls:
 - Dual Digital Control or OPL Micro
 - Coin operated version: XQ-Control
- Electrical or Gas heating
- Large door opening for easy loading and unloading
(Ø 57cm, DX13,16, Ø 68cm DX24)
- Galvanized drum
- Axial airflow
- Large lint filter

OPTIONS

- Stainless steel drum
- 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



FAST DRYING



EASY
OPERATION



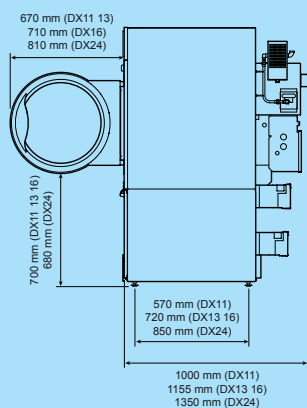
SERVICE
FRIENDLY

senso.dry+

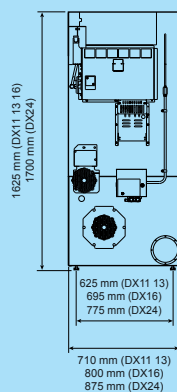
SafeTech™

TYPE		DX13	DX24
CAPACITY			
Capacity	kg	13	24
Drum volume	l	270	490
Drum diameter	mm	Ø 673	Ø 838
AIRFLOW			
Airflow	l/s	240	330
DRYING AVERAGE			
Gas heating	g/min	267	485
Electric heating	g/min	258	371
MOTOR			
Fan	kW	0,4	0,4
Drive	kW	0,2	0,4
GAS HEATING			
Energy	kW	21,4	32,8
Energy	kBTU/h	73	112
Electrical connection		1×100-120V/50-60Hz, 1-3×200-240V/50-60 Hz 3×440-480V/50-60Hz, 3×380-415V/50-60Hz	
Gas connection	NPT	½"	½"
ELECTRICAL HEATING			
Energy	kW	21	27
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	200
DIMENSIONS			
Size H×W×D	mm	1625×710×1155	1700×875×1350
Net weight (E)	kg	150	200
Net weight (G,S)	kg	145	195
TRANSPORT DATA			
Packed (foil) H×W×D	mm	1720×760×1240	1790×900×1450
Gross weight (foil, E)	kg	160	220
Gross weight (foil,G,S)	kg	155	215
Packed (crate) H×W×D	mm	2210×880×1320	2210×1020×1520
Gross weight (crate, E)	kg	220	300
Gross weight (crate,G,S)	kg	214	295

Side DX 13 24



Back DX 13 24



The Primus preserves the right to change the machines and the specification in this leaflet at any time, without prior notice. Details and photographs are only for information and never binding.

www.primuslaundry.com

Primus by Alliance Laundry Systems



HIGH EFFICIENT RIGID MOUNTED INDUSTRIAL WASHER EXTRACTORS

RX
RANGE

RX 180

18KG
40LB

RX 240

24KG
53LB

RX 280

28KG
62LB



FEATURES

- Rigid mounted, normal spin, 100G factor
- Stainless steel drum and tub
- 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

- 200G factor execution
- Anthracite grey painted panels
- Stainless steel front and side panels
- USB plug (on the back panel)
- Prep for coin and Central Pay
- Liquid soap connection
- Liquid soap pumps
- Steam heating version
- High capacity water inlets (RX180, RX240)
- ECO version : lower kW rating on request
- 3rd water inlet

XTRONIC CONTROL

- 6 programs (+2 cycle modifiers)
- Programmable content
- NFC communication
- Imbalance detection
- 4 Soap signals
- Delayed start for OPL



ERGONOMIC
CONSTRUCTION



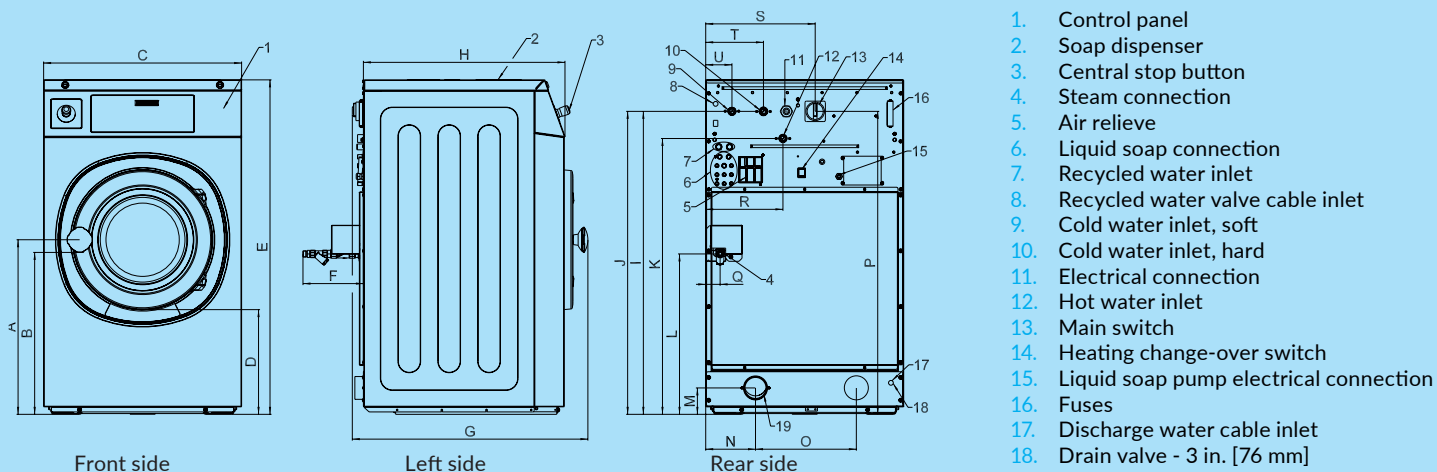
LARGE DOOR
OPENING



LOW WATER
AND ENERGY
CONSUMPTION

TYPE		RX180	RX240	RX280
INNERDRUM				
Capacity 1:09	kg (lb)	20(44)	27(60)	31(68)
Capacity 1:10	kg (lb)	18(40)	24(53)	28(62)
Volume	litres	180	240	280
Diameter	mm	750	750	750
DRUM SPEED				
Wash	rpm	42	42	42
Extraction	rpm	490 (690)*	490 (690)*	490 (690)*
G-FACTOR				
		100 (standard) 200*	100 (standard) 200*	100 (standard) 200*
HEATING				
ELECTRICITY (KW) very low-low-std-higher-special 1 -2-3	kW	-----std 12 - higher 18-----	-----std 18-----	-----std 21,9-----
Steam	bar	1-8	1-8	1-8
Hot water	°C	85	85	85
Sound pressure level	dB (A)	< 65	< 65	< 65
Water valves connection	BSP	3/4"	3/4"	3/4"
Water pressure	kPa	100-600	100-600	100-600
Rec. water pressure	kPa	300-500	300-500	300-500
Water inlet	l/min	20	20	20
Drain valve	outer Ø mm	76	76	76
Flow amount with drain valve	l/min	210	210	210
Steam valve connection	BSP	1/2"	1/2"	1/2"
Steam pressure	kPa	100-800	100-800	100-800
DIMENSIONS				
Size H×W×D	mm	1410×890×915	1410×890×1060	1410×890×1135
Net weight	kg	255 (315)*	275 (330)*	290 (355)*
TRANSPORT DATA				
Packed H×W×D	mm	1550×925×970	1550×925×1130	1550×925×1190
Gross weight	kg	270 (335)*	290 (355)*	305 (385)*

* 200 G-factor execution



DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U
RX180	770	722	890	465	1410	120	915	816	1302	1282	1212	528	130	280	1304	54	303	530	218	113
RX240	770	722	890	465	1410	120	1060	961	1302	1282	1212	528	130	280	1304	54	303	530	218	113
RX280	770	722	890	465	1410	120	1135	1036	1302	1282	1212	528	130	280	1304	54	303	530	218	113
			width		height		depth													

The Primus preserves the right to change the machines and the specification in this leaflet at any time, without prior notice. Details and photographs are only for information and never binding.
www.primuslaundry.com

Primus by Alliance Laundry Systems

Xtreme
in innovation

primus

laundry equipment

High Spin Hygienic Barrier Washer Extractors

MB 205



FEATURES

- 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® perforated chamber walls: more mechanical action, lower water consumption
- Standard Y-pocket (3 pockets) drum
- SuperEco washing programmes - significantly reduces water and electricity consumption

OPTIONS

- Liquid soap pumps
- Built-in two chambers water recovery system
- Patented soap dispenser with 10 removable compartments
- 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 waterconsumption optimization system
- Second display
- Self lubrication of bearing's oil seal



HYGIENIC
SOLUTION



STAINLESS STEEL
IDENTITY



EXTRA LARGE
DOOR

POWERWASH®

supereco

Graphitronic®

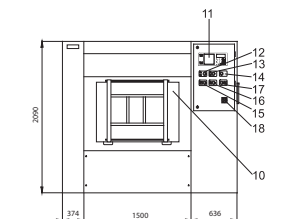
OPTILOAD

TRACE-TECH®

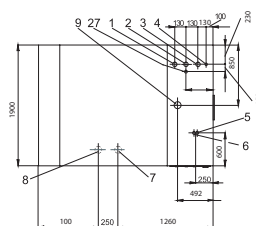
TYPE		MB 205
CAPACITY		
Drum volume	l	2050
Capacity 1:10	kg	205
	lbs	452
Drum diameter	mm	Ø1300
POCKETS		Standard 3
MOTOR		
Frequency controlled		standard
DRUM SPEED		
Wash speed	rpm	36
Spin speed	rpm	695
G-factor		350
PROGRAMMER		
Graphitronic® microprocessor		standard
CABINET		
Stainless steel AISI 304		standard
DRUM		
Stainless steel AISI 304		standard
HEATING		
Electrical additional heating	kW	-
Steam heating	bar	6-8
CONNECTION		
Electrical		3×380-480V 50/60Hz 3×200-240V 50/60Hz 3×1,5" + 1×1"
Water inlet	inch	1"
Steam inlet	inch	1"
Compressed air inlet	mm	Ø10
Drain	mm	Ø126
DIMENSIONS		
H×W×D	mm	2165×2585×1905
TRANSPORT DATA		
Gross weight - case packaging	kg	5310
Net weight	kg	4990
Volume (packed)	m³	12,3
Case packaging H×W×D	mm	2265×2665×2040
WATER CONSUMPTION		
Cold and hot water per cycle*	l	2250 ± 0

* Tested in accordance of EN 604 56 norm, The data concerning dimensions of machines include all extended parts

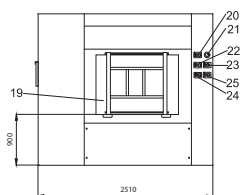
FRONT MB 205



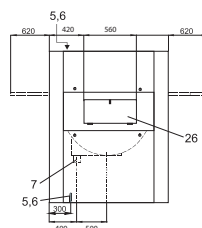
TOP MB 205



BACK MB 205



SIDE MB 205



1. Hard cold water inlet
2. Soft cold water inlet
3. Hot water inlet
4. Steam inlet
5. Supply of pressure air
6. Power supply
7. Main drainage valve
8. Recycling drainage valve
9. Venting of the machine
10. Door of loading (dirty side)
11. Programmer
12. Change-over switch
13. Signal of machine running (+ operating air pressure)
14. Central stop
15. Button of door unlocking
16. Button of drum positioning
17. Button of door locking
18. Main switch
19. Door of unloading (clean side)
20. Signal of loading
21. Central stop
22. Button of door locking
23. Button of activation of loading side
24. Button of door unlocking
25. Button of drum positioning
26. Soap hoppers
27. Soft cold water inlet into soap hoppers

The company Primus preserves the right to change the machines and the specification in this leaflet at any time, without prior notice. Details and photographs are only for information and never binding.

www.primuslaundry.com

ISO 9001
ISO 14001
BUREAU VERITAS
Certification



HIGH SPIN HYGIENIC BARRIER WASHER EXTRACTORS

**MXB
RANGE**

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



FEATURES

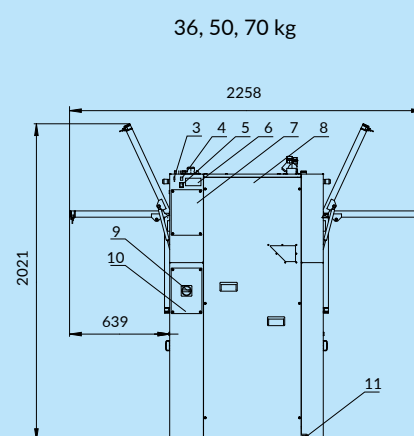
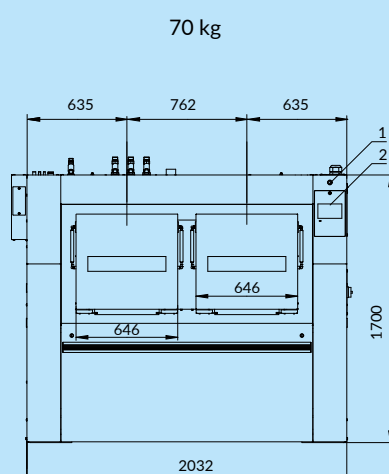
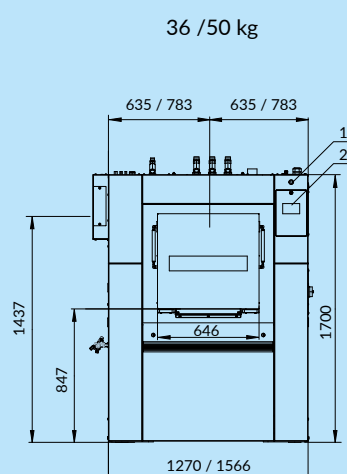
- Freestanding, high spin
- Large drain valve 2x Ø 76 mm
- Easy access to all parts
- Frequency controlled motor
- Large door opening for easy loading and unloading.
- XControl Plus
 - Freely programmable
 - Multilingual
- PowerWash® perforated lifting ribs: better washing results, lower water consumption
- Eco washing programs - significantly reduces water and electricity consumption
- Soap dispenser with 5 removable compartments
- Cascade drum
- RS485 & USB plug
- Designed with focus on ergonomics
- Golden lock - patented inner door lock mechanism

OPTIONS

- Stainless steel cabinet
- Liquid soap pumps
- Opti-load® linen weighing and waterconsumption optimization system
- Trace-Tech® traceability software and networking system
- Isolation for energy and noise reduction
- Version without soap hopper
- Drain valve for water recycling
- Water sample tap
- Second display (located on clean side)
- Lateral drain
- Extra visualization (orange light + horn)
- Extra visualization (traffic light + horn)
- Available with Pullman drum for MXB P 360 and MXB P 500



TYPE		MXB360	MXB500	MXB700
CAPACITY				
Drum volume	l	360	500	700
Capacity	kg	36	50	70
Drum diameter			775	
Drum depth	mm	764	1060	1484
Drum type			Cascade	
Number of drums		1	1	2
Number of loading doors		1	1	2
Number of unloading doors		1	1	2
MOTOR				
Power	kW	4	7,5	
DRUM SPEED				
Wash speed	rpm		41	
Extraction speed	rpm		900	
G-Factor				
			350	
PROGRAMMER				
XControl Plus			standard	
CABINET				
Door opening angle			155	
HEATING				
100% hot water	°C		90	
100% electrical	kW	36	48	60
Steam high pressure	bar		3-8	
CONNECTION				
Electrical			3x 200-240V 50/60Hz 3x 380-415V 50/60Hz 3x 440-480V 50/60Hz	
Water inlet	in		3x 1"	
Steam inlet	in		3/4"	
Drain diameter	in		2x 3"	
DIMENSIONS				
H×W×D	mm	1700 x 1270 x 980	1700 x 1566 x 980	1700 x 2032 x 980
Net weight	kg	960	1130	1310
TRANSPORT DATA				
Packed H×W×D	mm	2005x1530x1255	2005x1830x1195	2005x2290x1195
Gross weight	kg	1090	1280	1470



- 1 Emergency stop
- 2 Control panel
- 3 USB Port
- 4 PC Programming Connection

- 5 Switch: Steam / Electric Heating
- 6 Serial Plate
- 7 Electrical Signals Liquid Soap Cover
- 8 Electrical Components with Frequency Inverter Cover

- 9 Main Switch Cover
- 10 Main Switch
- 11 Equipotential Bounding Terminal

The Primus preserves the right to change the machines and the specification in this leaflet at any time, without prior notice. Details and photographs are only for information and never binding.

www.primuslaundry.com

Primus by Alliance Laundry Systems



HIGH SPIN INDUSTRIAL WASHER EXTRACTORS

FS
RANGE

FS 800	FS 100	FS 1200
80KG 177LB	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 530 mm, FS1200 Ø 650 mm)
- Two large drain valves (Ø 103 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



ROBUST DESIGN



LARGE DOOR
OPENING



EASY
OPERATION

TRACE-TECH

POWERWASH

XCONTROL

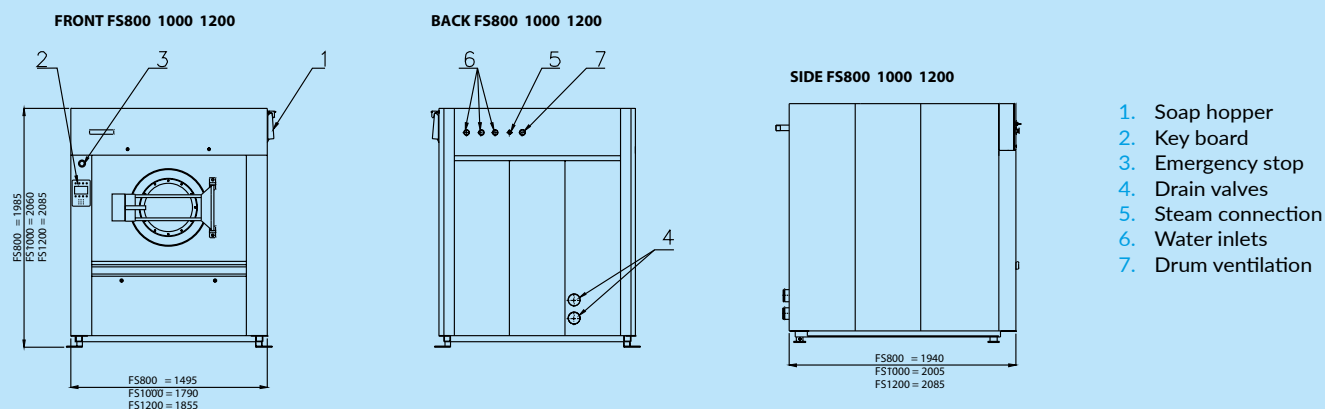
supereco
washing programmes

GET AHEAD IN LAUNDRY 

TYPE		FS800	FS1000	FS1200
CAPACITY				
Drum volume	l	807	1003	1180
Capacity	kg/lb	80/180	100/230	120/275
Drum diameter	mm	Ø 1110	Ø 1200	Ø 1300
MOTOR				
Frequency controlled		standard	standard	standard
DRUM SPEED				
Wash speed	rpm	36	33	32
Spin speed	rpm	750	720	695
G-Factor		350	350	350
PROGRAMMER				
Xcontrol Plus microprocessor		standard	standard	standard
CABINET				
Stainless steel AISI 304		standard	standard	standard
DRUM				
Stainless steel AISI 304		standard	standard	standard
HEATING				
Electrical	kW	67,5	-	-
Steam high pressure	bar	3-8	3-8	3-8
	psi	44-116	44-116	44-116
CONNECTION				
Electrical		3x380-480V 50/60Hz 3x208-240V 50/60Hz	3x380-480V 50/60Hz 3x208-240V 50/60Hz	3x380-480V 50/60Hz 3x208-240V 50/60Hz
	kW	11,25	15,25	18,75
Water inlet	inch	3x1 1/2"	3x1 1/2"	3x1 1/2"
Steam inlet	inch	1"	1"	1"
Compressed air inlet	mm	Ø 8	Ø 8	Ø 8
Drain	mm	2x103 2x4"	2x103 2x4"	2x103 2x4"
DIMENSIONS				
H×W×D	mm	1985×1495×1940	2060×1790×2005	2085×1855×2085
Net weight	kg	2640	3170	3480
TRANSPORT DATA				
Volume (packed)	m³	7,25	9,29	10,16
Packed H×W×D	mm	2200x1690x1950	2345x1865x2125	2340x2000x2170
Gross weight	kg	2830	3410	3710

- = Not available

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



CYLINDER HEATED IRONERS



I
RANGE

I50

500MM

IR50

500MM



ERGONOMIC
CONSTRUCTION



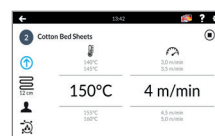
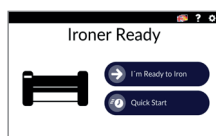
INTUITIVE
TOUCH SCREEN
CONTROL



OPTIMIZED
OUTPUT

senso.speed™

*Image represents I50 ironer model



Featuring XControl FLEX PLUS platform with built-in optimized programs and direct access to functionality

FEATURES

- Large surface contact with linen over an angle of 300°
- High polished steel, thin cylinder
 - Quick response time for temperature adjustment
 - Excellent thermal conductivity
- Finger protection and emergency button for more safety
- Durable Meta Aramid ironing belts (high temperature resistant)
- Automatic cool down
- 20 ironing programmes of which 6 are pre-set
- High ironing speed of 10m/minute
- Indication of ironing speed and temperature
- Frequency controlled motor
- Easy to remove lint filters
- Electric, gas or steam heating
- Overheating check system (OCS) with 3 temperature sensors
- Ergonomic design
- Front return (I50)
- Front/Rear return selectable (IR50)

OPTIONS

- Chrome-plated cylinder for a better thermal conduction and less maintenance
- Foot pedal with stop & reverse operation
- SensoSpeed™ - auto adjustable ironing speed

XCONTROL FLEX PLUS PLATFORM

- 7", full colour touch screen display with swipe function: very intuitive for users
- User-friendly screen with operating instructions built in as part of the control
- Complete control content available in 34 languages

TYPE		I50-210 IR50- 210	I50-270 IR50- 270	I50-330 IR50- 330
ROLLER DIAMETER	mm	502	502	502
USEFUL ROLLER LENGTH	mm	2100	2700	3300
HEATING				
Electric heating	kW	38	50	62
Gas heating	kW	42	56	69
Steam heating	kg/h	49	68	88
MOTORS				
Roller motor	kW	0.37	0.37	0.37
Fan motor	kW	0.55	0.55	0.55
TOTAL INSTALLED POWER				
Electric		39.3	51.2	62.9
Gas		1.2	1.2	1.2
Steam		1.1	1.1	1.1
EXHAUST	mm	1x150	1x150	1x150
IRONING CAPACITY*				
Electrical & Gas heating	kg/h	80	95	120
Steam heating	kg/h	95	115	145
IRONING SPEED	m/min.	1,5-10	1,5-10	1,5-10
ELECTRIC CONNECTION				
I model		380-415V 3AC+N 50/60 Hz, 208-240V 3AC 50/60 Hz, 380-415V 3AC 50/60 Hz, 440V-480 3AC 60 Hz 388-415V 3AC+N 50/60Hz, 208-240V 3AC 50/60Hz, 380-415V 3AC 50/60Hz, 440-480V 3AC 60Hz		
IR model				
DIMENSIONS				
H×W×D (I model)	mm	1410x2810x1100	1410x3430x1100	1410x4060x1100
Net weight (EL/G/S) (I model)	kg	1070/1030/1250	1220/1180/1400	1370/1330/1550
H×W×D (IR model)	mm	1410x2810x1261	1410x3430x1261	1410x4060x1261
Net weight (EL/G/S) (IR model)	kg	1310/1280/1490	1310/1430/1650	1620/1580/1800
TRANSPORT DATA				
Volume (crate packed)	m³	5.54	6.75	7.96
H×W×D	mm	1558x2857x1244	1558x3481x1244	1558x4105x1244
Packed weight (EL/G/S) (I model)	kg	1250/1210/1430	1410/1380/1590	1580/1550/1760
Packed weight (EL/G/S) (IR model)	kg	1490/1460/1670	1660/1630/1840	1830/1800/2010

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

