

# WALL FLATWORK IRONERS

2025

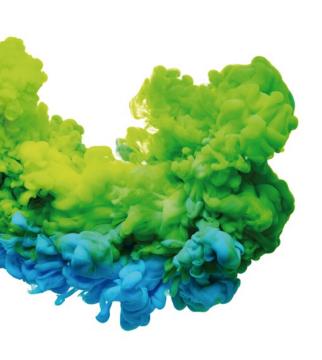
# Unique solutions for every space and need

DOMUS presents a wide range of wall-mounted ironers-dryers, a perfect and innovative solution for drying, ironing and folding of flat linen, for all types of customers.

flat linen, for all types of customers.

Domus ironers are designed to offer the best performance and productivity, significant time savings and high energy efficiency. For example the EFFICIENT IRON (humidity control), the TOUCH II (only on Ø 500/650 mm models) and its many outstanding features: radiant gas burner, rear exit, longitudinal folder, connectivity, versatility, etc.

There are four main ranges:  $\emptyset$  200 and 325 mm and the **new highly efficient CF \emptyset 500 and 650 mm ranges** with versatile folders as an option.





# ECOVOLUTION by **bomus**

<b>FLATWORK IRONERS</b>	Ø 200			
ROLL DIAMETER	HEATING	ROLL LENGTH		
		1400 mm	1600 mm	2000 mm
Ø 200 mm	Electric	CM-1420 M	CM-1620 M	CM-2020 M
<b>FLATWORK IRONERS</b>	Ø 325			
ROLL DIAMETER	HEATING	ROLL LENGTH		
		1400 mm	1600 mm	2000 mm
Ø 325 mm	Electric Gas - Atmospheric	CM-1432 M	CM-1632 M	CM-2032 M
FLATWORK IRONERS	Ø 325 ECO-ENERGY			
ROLL DIAMETER	HEATING	ROLL LENGTH		
		2000 mm	2600 mm	3300 mm
Ø 325 mm	Electric Gas - <b>Radiant</b>	CM-2032 ECO-ENERGY M	CM-2632 ECO-ENERGY M	CM-3332 ECO-ENERGY M
FLATWORK IRONERS				
ROLL DIAMETER	HEATING	ROLL LENGTH		
		2000 mm	2600 mm	3300 mm
Ø 500 mm	Electric Gas - Atmospheric Gas - <b>Radiant</b> Steam	<b>CF</b> -2050 TOUCH II	<b>CF</b> -2650 TOUCH II	<b>CF</b> -3350 TOUCH II



**CF**-3350 TOUCH II

FLATWORK IRONERS   Ø 650 CF										
ROLL DIAMETER	HEATING	ROLL LENGTH								
		2000 mm	2600 mm	3300 mm						
Ø 650 mm	Electric Gas - <b>Radiant</b>	<b>CF</b> -2065 TOUCH II	<b>CF</b> -2665 TOUCH II	CF-3365 TOUCH II						
Ø 650 mm	With rear exit / With lengthfolder	<b>CF</b> -2065 TOUCH II	<b>CF</b> -2665 TOUCH II	<b>CF</b> -3365 TOUCH II						

**CF**-2050 TOUCH II

**CF**-2650 TOUCH II

With rear exit / With lengthfolder

Ø 500 mm

#### DRYING - IRONING

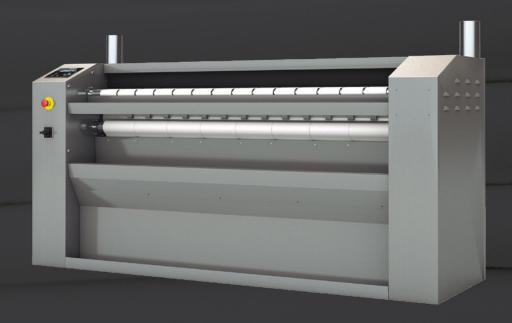


# CM Ø 200

- Ories and irons in a single operation.
- Front feeding and exit of the linen.
- ✓ Panels in stainless steel and grey skinplate.
- ✓ Heating: electric
- ⊗ Roll length: 1,40 m / 1,60 m / 2,00 m.
- ✓ Nomex belts as standard.
- ✓ Ironing speed: 1,5-6 m/min.
- Setter collection of the linen.
- **⊘** Easy installation.



#### DRYING - IRONING





# **CM** Ø 325 mm

- Ories and irons in a single operation.
- Front feeding and exit of the linen.
- ✓ Heating: electric, gas (atmospheric).
- S Roll length: 1,40 m / 1,60 m / 2,00 m.
- ✓ Ironing speed: 1,5-10 m/min.

#### **OPTIONS**

- + EFFICIENT IRON.
- + Nickel-plated roll.

# CM ECO-ENERGY

# Ø 325 mm

- Ories and irons in a single operation.
- Front feeding and exit of the linen.
- Heating: electric, gas (radiant burner).
- Ø Roll length: 2 m / 2,60 m / 3,30 m.

- Reverse roll standard.

#### **OPTIONS**

- + EFFICIENT IRON.
- + Nickel-plated roll.

# ECOENERGY Ø 200 / 325 mm



### M CONTROL

- ∀ Three operating modes to choose from:
  - 1. Manual mode: speed and temperature selection
  - 2. Auto mode: automatic adjustment of the ironing speed according to the selected temperature.
  - 3. EFFICIENT IRON: humidity mode (option for ø 325 mm): automatic adjustment of ironing speed according to the humidity detected in the laundry.



### ROBUSTNESS

- Roll driving by inverter: smooth operation preventing the wear of belts and mechanical elements.
- Skinplate and stainless steel panels: long life.
- Nomex quality feeding and ironing belts: resistant to high temperature.

#### **OPTIONS:**

+ Nickel-plated roll: anti corrosive, more durable (not available on ø 200 mm).



### EFFICIENCY

- EFFICIENT IRON: automatic ironing speed regulation according to residual moisture, energy saver (option on Ø 325).
- Good heat conduction thanks to the roll material and its thickness: greater control of energy expenditure.
- Automatic shutdown at 80°C: increases life time of ironing belts.
- Gas circuit at the bottom, reducing energy consumption.
- Accurate temperature control and lower energy consumption.
- Gas model with radiant burners: better hourly output by 25 %, time and energy savings.







### MAINTENANCE

- Easy access to all components on both sides of the machine.
- Compact dimensions.



# ERGONOMICS

- Acoustic comfort: 65 dba max.
- Panels in skinplate and stainless steel: easy to clean, better hygiene (RABC compliance).
- Appropriate height of feeding: 990 mm.
- Minimal encumbrance: save space, fits in most of areas.
- M control: user-friendly and easy to read.



Ø 200 / 325 mm FLATWORK IRONERS



#### Modo auto o manual

The M control allows two modes:

- AUTO: automatic adjustment of the ironing speed according to the selected temperature.
- Manual: selection of speed and temperature.





# EFFICIENCY

#### Gas heated model: radiant burner

Hourly output is increased by 25 %: time and energy savingsa (Ø 325 ECO-ENERGY mod.)

#### **Efficient Iron**

Automatic regulation of ironing speed according to residual moisture, energy economizer (option on Ø 325)

# Automatic shutdown at 80 °C

increases the life time of ironing belts

### Thermal efficiency

Energy savings with a lower flue circuit and optimal heat conduction thanks to the roller's material and thickness, ensuring controlled energy dissipation.

# IN A LAUNDRY, THE MACHINES ARE THE VISIBLE PART OF AN ICEBERG.

At Domus we pay attention to the iceberg part that cannot be seen, to optimize the expenses during the whole Life Cycle Cost.

8% 7% 19% Investment Investment Investment Example of a standard laundry Water 13 with 50% flat linen and 50% towelling, during the first 10 Energy 93% vears of life. Detergent 47% Washing Drying Ironing

# O-O-ROBUSTNESS

### Roll driving by inverter

Smooth operation preventing the wear of belts and mechanical elements.

# Skinplate and stainless steel panels

Long lasting.

# Nomex quality feeding and ironing belts

Resistant to high temperatures and better grip.

# Nickel-plated roll as option

Anti corrosive, more durable.



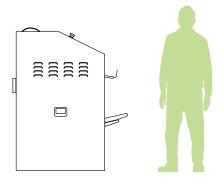
# ERGONOMICS

# Panels in skinplate and stainless steel

Easy to clean, better hygiene (RABC compliance)

# Appropriate height of feeding

990 mm.



### **Acoustic comfort**

65 dB max.

### **User friendly controls**

M electronic control (Ø 200 / 325 mm) models: selection of speed and temperature.

### Motor with inverter

Providing a gradual acceleration, soft use.

Ø 200 / 325 mm FLATWORK IRONERS



# MAINTENANCE

DOMUS flatwork ironers are designed to offer the customer easy maintenance and repairability.

One electrical connection and exhaust required

**Minimal** encumbrance fits in most of areas

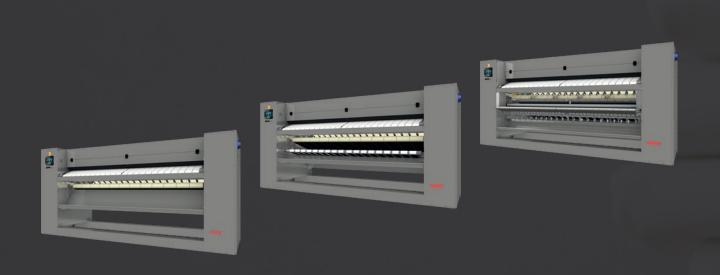


Rear view of the CM-2032 ECO-ENERGY.





#### DRYING - IRONING - FOLDING (OPT.)







# **CF** ECO-ENERGY

# Ø 500 mm

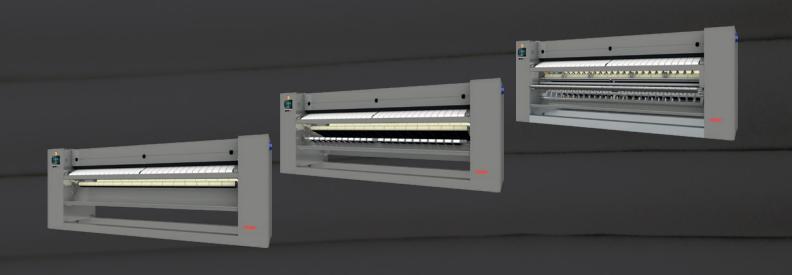
- Ories and irons in a single operation.
- Front feeding and exit of the linen.
- Heating: electric, gas (atmospheric or radiant burner) and steam.
- ⊗ Roll length: 2 m / 2,60 m / 3,30 m.
- ▼ Touch II: 7" touch screen microprocessor.
- ✓ Ironing speed: 0,5-8 m/min.

#### **OPTIONS**

- + EFFICIENT IRON.
- + OPTIMAL FEEDING: High production system (mod. without folder).
- + Nickel-plated roll.
- + No drop tray to prevent clothes from touching the floor, more hygienic (RABC).
- + Antistatic belts.
- + Built-in lengthfolder.
- + Rear exit (only available with lengthfolder).



#### DRYING - IRONING - FOLDING (OPT.)





# CF ECO-ENERGY

# Ø 650 mm

- Ories and irons in a single operation.
- Front feeding and exit of the linen.
- Heating: electric, gas (radiant burner) and steam.
- ✓ Roll length: 2 m / 2,60 m / 3,30 m.
- ✓ Touch II: 7" touch screen microprocessor.
- ✓ Velocidad de trabajo: 0,5-15 m/min.
- **SEFFICIENT IRON**
- OPTIMAL FEEDING: High production system (mod. without folder).

#### **OPTIONS**

- + Nickel-plated roll.
- + No drop tray to prevent clothes from touching the floor, more hygienic (RABC).
- + Antistatic belts.
- + Built-in lengthfolder.
- + Rear exit (only available with lengthfolder).

# ECOENERGY CFØ500/650 mm



### TOUCH II

- TOUCH II: easy-to-use microprocessor, fully programmable with a 7" touchscreen and IoT connectivity.
- Unlimited programmes: in addition to the predefined ones, you can create as many as your business needs.
- Multilingual interface: choose your preferred language from a wide and constantly expanding selection.
- USB port: configure, update, and analyse machines.



#### ROBUSTNESS

- Roll driving by inverter: smooth operation preventing the wear of belts and mechanical elements.
- Skinplate panels: long lasting.
- Nomex quality feeding and ironing belts: resistant to high temperature.

#### **OPTIONS:**

+ Nickel-platede roll: anti corrosive, more durable.



### EFFICIENCY

- EFFICIENT IRON: automatically adjusts ironing speed based on residual moisture, saving energy.
- OPTIMAL FEEDING: automatic adjustment of ironing speed, lowered for feeding and increased for higher production up to 15 m/min. (option on Ø 500 mm and standard on Ø 650 mm. Mod. without folder.
- Radiant gas burner models: increases output by 25%, optimizing time and energy consumption.
- Good heat conduction thanks to the material of the roll and its thickness: greater control of the energy expenditure
- Automatic shutdown at 80°C: increases the life time of ironing belts
- Accurate temperature control thanks to the icroprocessor: lower energy consumption



#### VFRSATILITY

Gas radiant burner model: flexibility for a better production or adaptation to high level places.

#### **OPTIONS:**

- + No drop tray to prevent clothes from touching the floor, more hygienic (RABC standard).
- + SRE: rear exit without folder.
- + LF: Built-in lengthfolder (front exit).
- + LFRE: Built-in lengthfolder (front and rear exit).
- + CPL-CROSS: external cross folder external.



### MAINTENANCE

- Easy access to all components on both sides of the machine.
- Minimal encumbrance: fits in most of areas, and the optional folder is also built-in.
- ✓ One electrical connection and exhaust required.



### ERGONOMICS

- ✓ Confort acústico: máx 65 dB.
- Panels in skinplate and stainless steel: easy to clean, better hygiene (RABC)
- Minimal encumbrance: save space, fits in most of areas.



Ø 500 / 650 mm FLATWORK IRONERS

# TOUCH II

A microprocessor designed to offer efficiency and versatility.

# User friendly and totally programmable microprocessor

7" touch screen with configurable programmes, language selection, temperature, time and how to fold (models with folding device) among others.



### Multilingual interface

Choose your preferred language to display on the TOUCH II screen from a wide and constantly expanding selection.

### **USB** port

The USB port at the top of the display allows you to configure, update and analyse machines via this connection, downloading and uploading data.





# 💃 ERGONOMICS

Domus aims for comfortable operation for the operator.



### New compact design

Save space, fits in most of areas.

### Motor with inverter

Providing a gradual acceleration, soft use.

### **Easy-to-clean skinplate** panels

Designed for effortless maintenance and enhanced hygiene, fully compliant with RABC standards.

microprocessor

Easy-to-use

Programmable touch control for greater efficiency and customization.



### **Acoustic comfort**

Maximum sound level of 65 dBA.



### Improved linen collection

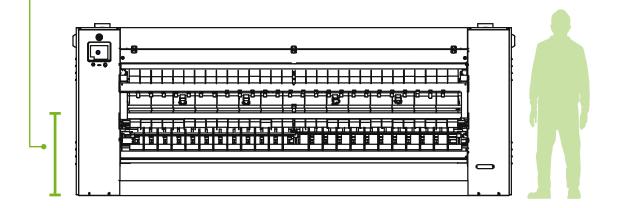
The linen is guided towards the front of the heating roll towards the collection tray by stainless steel strip blades coupled to a teflon coating.

- Reduces friction.
- Resistant to temperatures up to 250°C.



## Appropriate height of feeding

The feeding surface is larger and its height has been optimized to 1,170 mm.



Ø 500 / 650 mm FLATWORK IRONERS



# **EFFICIENCY**

The Domus CF ironers come with several energy and time saving features.

### **Efficient Iron**

Automatic speed regulation according to residual humidity (standard on CF Ø 650 mm).

- Saves time and energy.
- Optimises production.

# **Optimal Feeding**

Automatic adjustment of ironing speed, lowered for feeding and increased for higher production up to 15 m/min. (option on Ø 500 mm and standard on Ø 650 mm). Model without folder.



### LEMS pulse concentrator by Onnera



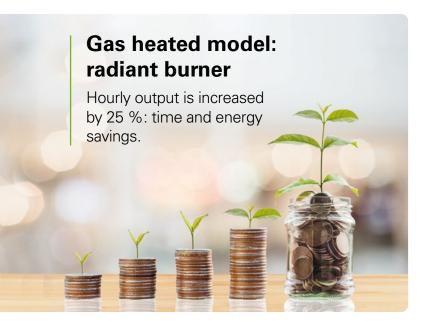
Get the consumptions of your ironers thanks to the new system of LEMS meters integrated with the DOMUSCONNECT platform.





### Good heat conduction

Thanks to the material of the roll and its thickness. Greater control of the energy expenditure.



### **Automatic shutdown** at 80 °C

Extends the life of the ironing belts and prevents overheating.

### **Accurate temperature** control

Thanks to the microprocessor (except steam models): lower energy consumption



# ROBUSTNESS

Designed to last and integrate the entire optional folding system.



# Reinforced mechanical structure

The chassis has been designed for greater durability, reliability and to facilitate handling and maintenance operations.

### Roll driving by inverter

Smooth operation preventing the wear of belts and mechanical elements

### Skinplate panels

Corrosion resistant and highly durable, ensuring long-lasting performance in demanding environments.



# Nomex quality feeding and ironing belts

Resistant to high temperature.

# Nickel plate roll as option

Anti corrosive, more durable.



#### **Antistatic belts**

Reduces the likelihood of wrinkles and jams, saves time, and improves the quality of ironing and folding.

- Mod. without folder: allows a better discharge of static electricity.
- Mod. with folder: includes ionising bar to reduce the static charge by 10 times during folding.

Ø 500 / 650 mm FLATWORK IRONERS



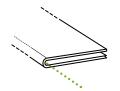
TOUCH II control





# Integrated lengthwise folder (option)

Available with front-exit folder (LF), front and rear-exit folder (LFRE), or rear exit without folder (SRE), offering options to suit your business needs.





LF and LFRE models with integrated longitudinal folder.

#### MAIN NOVELTIES:

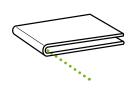
- Improved kinematics to reduce the risk of linen jamming.
- Easy access to linen inside the machine without the need to disassemble it.
- Reduced sensitivity to humidity.
- LED strip location improves visibility and reduces exposure to heat.
- Direct transmission of the folding flap: greater precision and less maintenance.

- Folded linen receiving height optimised to 750 mm.
- System fully controlled by inductive sensors: greater reliability.
- Rear exit runs faster, improving productivity by 20 %.

### **External cross folder**

Possibility of adding an external cross folder and stacker for models equipped with longitudinal folder and rear exit.

 Increases production with the same number of operators.





Option: CPL-CROSS cross folder.



# X MAINTENANCE



### **Optimised design**

New front inspection hatch for quick and easy access to technical components.

# Direct drive without chain or belt

No maintenance, more durable.

### Minimal encumbrance

Ideal for entering all spaces, facilitating access for maintenance, even in tight spaces.

# Technical menu with TOUCH II

Menu to access self-diagnostics, alarms, operating data and more.

# Easy access to all components

On both sides of the machine.



Back side of CF-3365

### Wall flatwork ironers technical data

					Ø 200					Ø 325		
			UNIT.	CM-1420 M	CM-1620 M	CM-2020 M	CM-1432	CM-1632	CM-2032	CM-2032 ECO-ENERGY M	CM-2632 ECO-ENERGY M	CM-3332 ECO-ENERGY M
GENERAL	DETAILS											
GENERIAL	E	lectric eating	Kg/h	10-12	13-15	19-21	15-18	25-30	35-40	45-50	55-60	80-85
Theorical po 45% humid	roduction A dity h	itmo. gas eating	Kg/h	NO	NO	NO	15-18	25-30	35-40	NO	NO	NO
	R h	adiant gas eating	Kg/h	NO	NO	NO	NO	NO	NO	60-65	75-80	100-105
Roll Ø			mm	200	200	200	325	325	325	325	325	325
Working wi	idth		mm	1400	1600	2000	1400	1600	2000	2000	2600	3300
Height floor	r-feeding belt	S	mm	990	990	990	990	990	990	990	990	990
Working sp	peed		mt/min	1.5-6	1.5-6	1.5-6	1.5-10	1.5-10	1.5-10	1.5-12	1.5-12	1.5-12
Control <sup>1</sup>					М			М			М	
Rear exit +	length folder		N°	NO	NO	NO	NO	NO	NO	NO	NO	NO
Large surfa	ice contact wi	ith linen	0	270	270	270	270	270	270	270	270	270
POWER												
F1	Heating power	er	kW	10,5	12	18	12	16,2	21	31,5	40,5	54
Electric	Total electric	power	kW	10,84	12,34	18,37	12,37	16,57	21,49	32,02	41,02	54,52
	Heating power	er	kW	NO	NO	NO	14	22,5	30	40	55	69
Gas	Total electric	power	kW	NO	NO	NO	0,37	0,37	0,49	0,52	0,52	0,52
Roll motor power		kW	0,28	0,28	0,28	0,28	0,28	0,28	0,37	0,37	0,37	
Fan motor p	ower		kW	0,09	0,09	0,09	0,12	0,12	0,12 x 2	0,12 x 2	0,12 x 2	0,12 x 2
CONNECTIO	ONS											
Ø Gas inlet			BSP	NO	NO	NO	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
NET DIMEN	NSIONS					-	,	,	,	,	,	,
Width			mm	1878	2128	2478	1952	2202	2552	2552	3202	3852
Depth (with	nout trays)		mm	444 (666)	444 (666)	444 (666)	686	686	686	686	686	686
Height			mm	1110	1110	1110	1112	1112	1112	1112	1112	1112
Weight			Kg	180	203	237	330	385	435	435	545	655
	IMENSIONS		3			-						
Width			mm	2130	2340	2780	2340	2340	2780	2780	3430	3980
Depth (with	nout travs)		mm	770	770	770	770	770	770	770	770	770
Height			mm	1400	1400	1400	1400	1400	1400	1400	1400	1400
Weight	-		Kg	220	240	275	365	405	458	458	585	700
Volume			m <sup>3</sup>	2,30	2,52	3,00	2,52	2,52	3,00	3,00	3,70	4,29
OTHERS				_,00	_,02	5,00	_,02	_,02			0,10	1,20
Fume outle	t		Nº	1	1	1	1	1	2	2	2	2
Ø Fume out			mm	83	83	83	98	98	98	98	98	98
Air flow			m³/h	300	300	300	500	500	1000	1000	1000	1000
Noise level	 		dB	55	55	55	60	60	63	63	63	63
Evaporation			I/h	8-10	10-12	14-18	7-14	14-21	21-28	21-30	23-34	34-45
Lvaporation	. povvoi		1/11	U-1U	10-12	17-10	/ - I <del>- 1</del>	17-Z1	∠ 1 <sup>-</sup> ∠U	Z1-00	∠J-J <del>4</del>	UT-TU

<sup>&</sup>lt;sup>1</sup> M control includes 2 standard modes.

DOMUS reserves the right to modify technical data without prior notice.

### **Domus**

			Ø 500			Ø 650				
		UN.	CF-2050	CF-2650	CF-3350	CF-2065	CF-2665	CF-3365		
GENERAL DETA	AILS									
	STD / SRE mod.	Kg/h	68	84	115	90	115	160		
Electric, gas (atm.) and	LF mod.	Kg/h	48	59	81	63	81	112		
steam heating*	LF / LFRE mod.	Kg/h	44	 55	75	59	75	104		
	STD / SRE mod.	Kg/h	82	100	138	104	132	184		
Radiant gas										
heating*	LF mod.	Kg/h	57	70	97	73	92	129		
	LF / LFRE mod.	Kg/h	53	65	90	68	86	120		
Roll Ø		mm	500	500	500	650	650	650		
Working width		mm	2000	2600	3300	2000	2600	3300		
Height floor-fee	ding belts	mm	1170	1170	1170	1170	1170	1170		
Working speed		m/min	0,5 - 8	0,5 - 8	0,5 - 8	0,5 - 15	0,5 - 15	0,5 - 15		
Working speed	with folder	m/min	2 - 8	2 - 8	2 - 8	2 - 10	2 - 10	2 - 10		
Control		-	TOUCH II							
Large surface c	ontact with linen	0	305	305	305	305	305	305		
POWER										
Electric He	eating power	kW	31,5	40,5	54	42	54	72		
To	tal electric power	kW	32,16	41,41	54,91	43,05	55,05	73,05		
Gas H	eating power	kW	40	55	69	52	69	78		
Gas - T	tal electric power	kW	0,62	0,87	0,87	1,05	1,05	1,05		
H	eating power	kW	50	64	81	60	76	97		
Steam To	tal electric power	kW	0,62	0,87	0,87	1,05	1,05	1,05		
Сс	nsumption	kW	50	67	85	60	80	102		
Roll motor power	er	kW	0,41	0,41	0,41	0,55	0,55	0,55		
Fan motor powe	er	kW	0,25 x 1	0,25 x2	0,25 x 2	0,25 x 2	0,25 x2	0,25 x 2		
Additional elec.	power for SRE	kW	0,13	0,13	0,13	0,13	0,13	0,13		
Additional elec. ¡	oower for LF	kW	0,23	0,23	0,23	0,23	0,23	0,23		
Additional elec. ¡	oower for LFRE	kW	0,33	0,33	0,33	0,33	0,33	0,33		
CONNECTIONS										
Ø Gas inlet		BSP	1"	1"	1"	1/2"	1/2"	1/2"		
Ø Steam inlet		BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"		
Ø Condensed (s	team models)	BSP	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"		
NET / PACKAGI	NG DIMENSIONS									
Width		mm	3110 / 3290	3710 / 3890	4410 / 4590	3110 / 3290	3710 / 3890	4410 / 4590		
Depth (with ope	en rear exit)	mm	1175 (1480) / 1360	1175 (1480) / 1360	1175 (1480) / 1360	1175 (1480) / 1360	1175 (1480) / 1360	1175 (1480) / 1360		
Height		mm	1780 / 1940	1780 / 1940	1780 / 1940	1780 / 1940	1780 / 1940	1780 / 1940		
Weight		Kg	1130 / 1190	1380 / 1460	1630 / 1730	1389 / 1449	1717 / 1797	1965 / 2065		
OTHERS										
Fume outlet		Nº	1	2	2	2	2	2		
Ø Fume outlet		mm	153	153	153	153	153	153		
Air flow		m³/h	600	1200	1200	1200	1200	1200		
Noise level		dB	65	65	65	65	65	65		
	STD mod.	I/h	37	45	62	47	59	83		
Evaporation power	FL mod.	I/h 26		32	43	33	42	58		

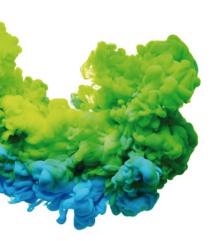
STD Standard.

SRE Mod. with rear exit without folder.

LF Mod. with built-in lengthfolder + front exit.

LFR Mod. with Built-in lengthfolder + rear and front exit.

 $$^{*}$$  Theorical production 45% humidity  $$^{*}$$  TOUCH II can have as many programs as you want. 5 as standard.





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