

CONVEYOR DISHWASHERS



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Water softener:

All glass / dishwashers should be connected to a treated water supply when the local supply is over 10 HF / 6 HD.

Water connection:

It is advisable to introduce sanitary water in the dishwashers, with a temperature of 50 - 60 °C

Water pressure:

Minimum: 2 bar = 2 Kg / cm²
Maximum: 4 bar = 4 Kg / cm²

RACK COMPACT CONVEYORS

CONVEYORS DISHWASHERS

In the catering world they are sometimes necessary machines that should offer **big productions** in a **very reduced surface**. At Fagor Industrial we are aware of that. And we have not spared any effort in order to offer you a wide range of great dishwashing machines and solutions.

Machines manufactured in accordance with the strictest rules of excellence. Applied throughout the production process. From the choice of materials, right down to the very last detail. With controls that guarantee durability, sturdiness, reduction in consumption and environmental friendliness at all times.



THE «ECO» TECHNOLOGY: «ECO» MODELS

The highest-capacity commercial pass through dishwasher (AD-120), as well as all compact models, modular conveyors and flight dishwashers are also available in a gas version.

These are our **ECO**, so-called on account of their **Economic** and **Ecological benefits**.

They are fitted with an **external gas generator for hot water** that affords the user numerous advantages:

Saving: up to 80% saving.

Ecology: Up to 100% reduction of contaminating wasteemissions.

Speed: System time setting is reduced by 40%.

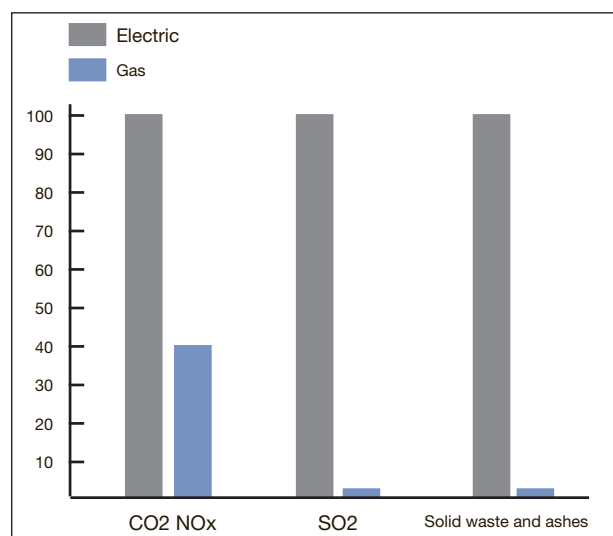
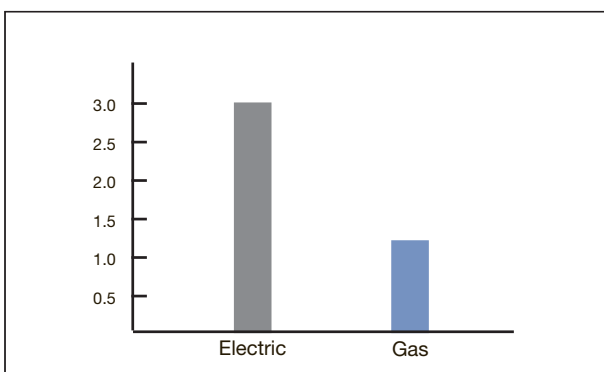
Versatility: Multi-gas: natural, butane, propane...

The saving made on an ECO dishwasher will see you recover your investment in less than three years.



REDUCED ENERGY CONSUMPTION

For every therm (useful thermal energy unit) 3 primary energy units (electricity) are consumed, as compared with only 1.25 of primary energy units (gas).



RACK COMPACT CONVEYORS

ELECTRIC RACK COMPACT CONVEYOR DISHWASHERS

Splash-guard module at entry.
 Dividing curtains highly resistant to chemical agents and heat.
 Wash tank for 50 litres. Tray-filters removable for cleaning.
 Two wash-pumps, 590 W each.
 Tank heated by means of shielded element, 9 kW.
 Safety thermostat.
 Built-in rinse water boiler (27 kW, 34.5 for H models).

Thermostatically adjusted: wash 60 °C, and rinse 90 °C.
 Water consumption: 450 litres/h.
 Analogic thermometers for wash and rinse water temperature.
 Magnetic switches for wash, rinse and door opening.
 Energy economiser system.
 Basket equipment: 2xCT-10, 2xCP-16/18, 1xCV-16/105,
 and 10 cutlery containers.



Dishwasher **FI-200 D** with prewashig table **MFDB-1500 LM-D**, automatized curve **180° at Left**, and exit rolling table **MR2C**.



Model	Reference	Baskets/hour		Modules composition	Water litres/h	Power KW	Dimensions mm	
		1 speed	2 speed					
FI-160 I	1210309100	90	-	LV + A	400	37,32	1,430x780x1,580	
FI-160 D	1210309101							
FI-200 I	1210309300	85	110	LV + A	400	37,38	1,430x780x1,580	
FI-200 D	1210309301							
FI-200 HI	1210309310	100	150	LV + A	400	44,90	1,430x780x1,580	
FI-200 HD	1210309311							

H : High speed motor-reducer and rinse water boiler with 34.5 KW.

Advance of the baskets:

- I :** From the left to the right.
- D :** From the right to the left.

GAS RACK COMPACT CONVEYOR DISHWASHERS

Splash-guard module at entry.
 Dividing curtains highly resistant to chemical agents and heat.
 Wash tank for 50 litres. Tray-filters removable for cleaning.
 Two wash-pumps, 590 W each.
 Tank heated by means of shielded element, 9 kW.
 Safety thermostat.
 Equipped with one GA-40 hot water generator.
 Power : 40,000 kcal/h. (46.5 kW). (see "Warning").
 Pump for rinse water, 260 W.
 Thermostatically adjusted: wash 60 °C, and rinse 90 °C.

Water consumption: 400 litres/h.
 Analogic thermometers for wash and rinse water temperature.
 Magnetic switches for wash, rinse and door opening.
 Energy economiser system.
 Basket equipment: 2xCT-10, 2xCP-16/18, 1xCV-16/105,
 and 10 cutlery containers.
 Electrical power: 10.7 kW.



Dishwasher **ECO-200 I** with prewash table **MFDB-1500 LM-I**, Drying tunnel **TS**, and exit **rolling table**.

Model	Reference (*)	Baskets/hour		Modules composition	Water litres/h	Power KW	Dimensions mm	
		1 speed	2 speed					
ECO-160 I	1210309200	90	-	LV + A	400	10,70	1,430x780x1,580	
ECO-160 D	1210309201							
ECO-200 I	1210309400	85	110	LV + A	400	10,70	1,430x780x1,580	
ECO-200 D	1210309401							
ECO-200 HI	1210309410	100	150	LV + A	400	10,70	1,430x780x1,580	
ECO-200 HD	1210309411							



H : High speed motor-reducer and rinse water boiler with 34.5 KW.

Advance of the baskets:

I : From the left to the right.
D : From the right to the left.

(*) **Note:** with the code of the machine it is necessary to add the code of the generator **GA-20** : 1220300100 (LPG) or 1220300102 (GN), **that it is included in the price**

Warning: if the water is very hard (over 10 HF / 6 HD) it is necessary to install a generator **GA-40 D**. It has an automatic descaling system. This is a chargeable extra. Contact with FAGOR.

RACK MODULAR CONVEYORS

ELECTRIC RACK MODULAR CONVEYOR DISHWASHERS

Splash-guard modules at entry and exit.
 Dividing curtains highly resistant to chemical agents and heat.
 Equipped with different modules depending on models and necessities.
 Tanks heated by means of shielded elements.
 Tray-filters removable for cleaning.
 Built-in rinse water boiler.
 Thermostatically adjusted: wash 60 °C, and rinse 90 °C.

Analogic thermometers for wash and rinse water temperature.
 Safety thermostat.
 Energy economiser system.
 Magnetic switches for wash, rinse and doors opening.
 2 speeds moto-reducer, 0.25 kW.
 Baskets equipment: 2 x CT-10, 2 x CP -16/18,
 1 x CV -16/105 and 16 cutlery containers.



Dishwasher **FI-280 D** with drying tunnel **TS**



Dishwasher **FI-460 D**

Model	Reference	Baskets/hour		Modules composition	Water litres/h	Power KW	Dimensions mm	
		1 speed	2 speed					
FI-280 I	1210311101	103	155	A+LV+DA1	360	46,20	1,750x780x1,580	
FI-280 D	1210311100							
FI-370 I	1210311301	136	205	A+P+LV+DA1	360	47,40	2,350x780x1,580	
FI-370 D	1210311300							
FI-460 I	1210311501	170	255	A+L1+LV+DA2	450	55,90	2,650x780x1,580	
FI-460 D	1210311500							
FI-550 I	1210311701	203	305	A+P+L2+LV+DA2	450	63,10	3,250x780x1,580	
FI-550 D	1210311700							

Advance of the baskets:

- I :** From the left to the right.
- D :** From the right to the left.

Note : See the characteristics of each module in the next page.

GAS RACK MODULAR CONVEYOR DISHWASHER

Splash-guard modules at entry and exit. Dividing curtains highly resistant to chemical agents and heat.

Equipped with different modules depending on models and necessities.

Tank heated by means of shielded elements.

Tray-filters removable for cleaning.

Includes GA-40 hot water gas generator for the water of the rinse (see "Warning").

Pump for rinse water, 260 W.

Thermostatically adjusted: wash 60 °C, and rinse 90 °C.

Analogic thermometers for wash and rinse water temperature.

Safety thermostat.

Energy economiser system.

Magnetic switches for wash, rinse and door opening.

2 speeds moto-reducer, 0.25 kW.

Baskets equipment: 2 x CT-10, 2 x CP -16/18,

1 x CV -16/105 and 16 cutlery containers.

Gas power: 40,000 kcal/h (46.5 kW).



Dishwasher ECO-370 I with prewashing table MFDB-1500 LM-I, steam condenser CV at the entry, drying tunnel TS on the exit, and rolling table.

Model	Reference	Baskets/hour		Modules composition	Water litres/h	Power KW	Dimensions mm	
		1 speed	2 speed					
ECO-280 I	1210311201	103	155	A+LV+DA1	360	19,20	1,750x780x1,580	
ECO-280 D	1210311200			A+LV+DA1				
ECO-370 I	1210311401	136	205	A+P+LV+DA1	360	20,40	2,350x780x1,580	
ECO-370 D	1210311400			A+P+LV+DA1				
ECO-460 I	1210311601	170	255	A+L1+LV+DA2	450	21,40	2,650x780x1,580	
ECO-460 D	1210311600			A+L1+LV+DA2				
ECO-550 I	1210311801	203	305	A+P+L2+LV+DA2	450	31,60	3,250x780x1,580	
ECO-550 D	1210311800			A+P+L2+LV+DA2				

Advance of the baskets:

I : From the left to the right.

D : From the right to the left.

Note : See the characteristics of each module in the next page.

Warning: if the water is very hard (over 10 HF / 6 HD) it is necessary to install a generator GA-40 D.

It has an automatic descaling system.

This is a chargeable extra. Contact with FAGOR.

RACK MODULAR AND COMPACT CONVEYORS

ELEMENTS AND MODULES

Chart of modules that can be part of the composition of the modular conveyors.

The composition of the different models is indicated in the previous pages.

Module	Denomination	Pumps KW	Tank		Boiler KW	Length mm	Power KW
			Litres	KW			
A	Neutral Supplement	-	-	-	-	250	-
P	Prewash	2x0,6	60	-	-	600	1,20
L1	First Wash	1x2,2	100	-	-	900	2,20
L2	First Wash	1x2,2	100	6	-	900	8,20
LV	Main Wash	1x2,2	100	12	-	900	14,20
DA1	Double Rinse	1x0,26	14	5	27,0	600	32,26
DA2	Double Rinse	1x0,26	14	5	34,5	900	39,76
DA	Double Rinse (ECO models)	1x0,26	14	5	-	600	5,26
CV	Steam Condenser	-	-	-	-	600	0,95
TS	Drying Tunnel	-	-	-	-	600	10,30
TSE	Drying Tunnel - Extra	-	-	-	-	800	14,80
RE	Energy Recuperator	-	-	-	-	* 0	0,75

(*) WARNINGS:

All machines built in **Neutral supplement** for entry. Length: 250 mm.

Machines with **Steam Condenser** at the entry: eliminate the neutral supplement (length: 600 mm - 250mm) : Length increases: 350 mm.

Drying tunnel TS at the exit: Length 600 mm.

Drying tunnel TSE at the exit: Length 800 mm.

Energy recuperator: placed on the top of the machine. Increases inlet water temperature from 15-18°C to 35-40 °C.

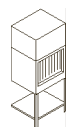
Example:

Composition of the **FI-550 I** with steam condenser **CV** and drying tunnel **TSE**



RACK MODULAR AND COMPACT CONVEYORS

ACCESSORIES FOR CONVEYORS



Model	Reference	Description	Power KW	Dimensions mm	
TS	1210309500	DRYING TUNNEL Heating element box and ventilator for drying dishes. Module with tank and conveyor system to place at the end of machine	10,30	600x700x2,000	
TSE	1210309530	DRYING TUNNEL EXTRA Special for Conveyor models 460 and 550 Heating element box and ventilator for drying dishes. Module with tank and conveyor system to place at the end of machine	14,80	800x700x2,000	
CV	1210309700	STEAM CONDENSER Turbine extractor box. Ventilator fan and chilled-water coil. Module with tank and conveyor system to place at the entry of machine	0,95	600x700x2,000	
A	1210309600	NEUTRAL ELEMENT FOR THE ENTRY With connection for the exhaust system	-	L = 250 mm	
RE	1210309800	ENERGY RECUPERATOR ONLY FOR MODULAR CONVEYORS Increases inlet water temperature from 15/18 °C to 35/40 °C by the steam of the rinse. Placed on the top pf the machine, length not increases	0,75	-	

PREWASHING TABLES FOR CONVEYOR DISWASHERS

PRE WASHING TABLES

Manufactured for the compact and modular conveyor dishwashers:
FI-160, FI-200, FI-280, FI-370, FI-460, FI-550 and its ECO versions.



*MFDB-1200 LM-D model,
with sink and shower tap*

Model	Reference	Situation of the table	Equipment Features	Dimensions mm	
MLB-1200 LM-D	2151502700	RIGHT	- Rear guard - Lower rack - Guides for baskets	1,200x800x900	
MLB-1200 LM-I	2151502701	LEFT			
MLB-1200 ECO/LM-D	2151502706	RIGHT	- Rear guard - Lower rack - Guides for baskets - Hole for chimney	1,200x800x900	
MLB-1200 ECO/LM-I	2151502707	LEFT			
MFDB-1200 LM-D	2151502708	RIGHT	- Rear guard - Sink - Shower tap - Lower rack - Guides for baskets	1,200x800x900	
MFDB-1200 LM-I	2151502709	LEFT			
MFDB-1500 LM-D	2151502702	RIGHT	- Rear guard - Sink - Shower tap - Lower rack - Guides for baskets	1,500x800x900	
MFDB-1500 LM-I	2151502703	LEFT			



*MLB-1200 LM-D model,
With lower rack and
guides for baskets*



*MFDB-1500 LM-I model,
with sink, shower tap,
lower rack and
guides for baskets*

DELIVERY/SORTING TABLES FOR CONVEYOR DISWASHERS

DELIVERY / SORTING TABLES

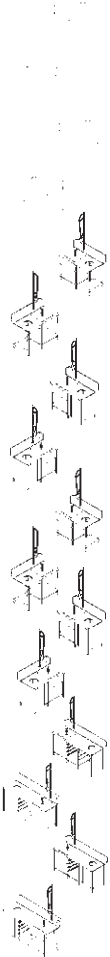
Manufactured for the compact and modular conveyor dishwashers:
FI-160, FI-200, FI-280, FI-370, FI-460, FI-550 and its ECO versions.

- Rear guard in all the models.
- Waste disposal.
- Space for the trash bin.
- Tables with sink built-in shower tap.

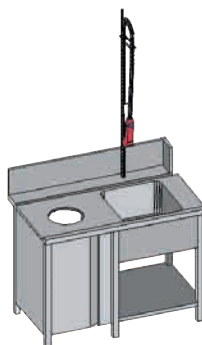


*MFDH-1800 LM-I model,
with sink, shower tap,
waste disposal,
rear guard and guides for baskets*

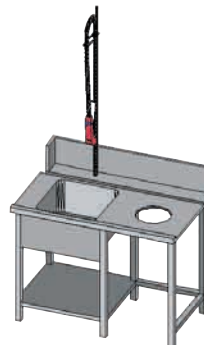
Model	Reference	Situation of the table	Housing for bin	Equipment Features	Dimensions mm	
MLH-1200 LM-D	2151502724	RIGHT	OPEN	- Lower rack	1,200x800x900	
MLH-1200 LM-I	2151502725	LEFT				
MLP-1200 LM-D	2151502712	RIGHT	With DOOR	- Lower rack	1,200x800x900	
MLP-1200 LM-I	2151502713	LEFT				
MFDH-1200 LM-D	2151502714	RIGHT	OPEN	- Sink - Shower tap - Lower rack	1,200x800x900	
MFDH-1200 LM-I	2151502715	LEFT				
MFDP-1200 LM-D	2151502716	RIGHT	With DOOR	- Sink - Shower tap - Lower rack	1,200x800x900	
MFDP-1200 LM-I	2151502717	LEFT				
MFDH-1500 LM-D	2151502718	RIGHT	OPEN	- Sink - Shower tap - Lower rack	1,500x800x900	
MFDH-1500 LM-I	2151502719	LEFT				
MFDP-1500 LM-D	2151502720	RIGHT	With DOOR	- Sink - Shower tap - Lower rack	1,500x800x900	
MFDP-1500 LM-I	2151502721	LEFT				
MFDH-1800 LM-D	2151502704	RIGHT	OPEN	- Sink - Shower tap - Lower rack - Guides for baskets	1,800x800x900	
MFDH-1800 LM-I	2151502705	LEFT				
MFDP-1800 LM-D	2151502722	RIGHT	With DOOR	- Sink - Shower tap - Lower rack - Guides for baskets	1,800x800x900	
MFDP-1800 LM-I	2151502723	LEFT				



*MFDP-1200 LM-I,
with sink, shower tap,
and closed space
for the trash bin*



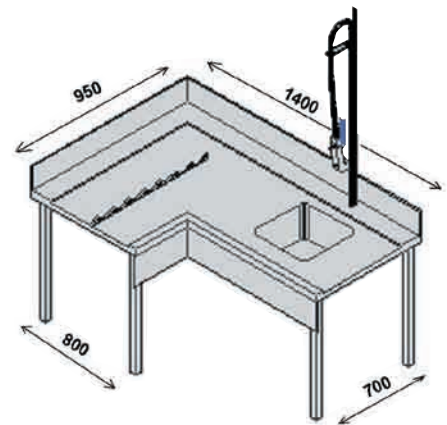
*MFDH-1200 LM-D,
with sink,
shower tap,
and space for the
trash bin*



ENTRY / EXIT ELEMENTS

PREWASHING TABLE WITH INTRODUCATOR OF BASKETS IN CORNER FOR CONVEYORS

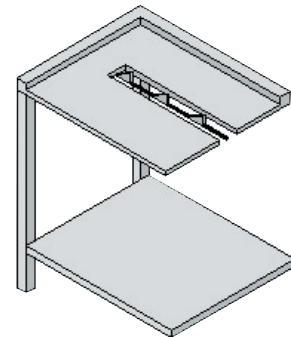
Rear guard 200 mm. Built in sink and shower tap.
 Length of the sink side: 1,400 mm - Depth: 700 mm
 Element to introduce the baskets with the movement of
 the advancement system of the conveyor.
 Length of the introducer side: 950 mm - Depth: 800 mm.



Model	Reference	Situation of the table	Equipment Features	Dimensions mm	
MCFD-1000 D	2151652300	RIGHT	<ul style="list-style-type: none"> - Rear guard - Sink - Shower tap - Introducer 	1,400x950x900	
MCFD-1000 I	2151652310	LEFT			

INTRODUCTORS OF BASKETS IN CORNER

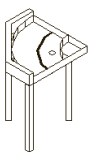
Element to introduce the baskets in the machine.
 Movement by the advancement system of the conveyor.
 Lower shelf.



Model	Reference	Description	Dimensions mm	
E-90-I	1210309000	INTRODUCTOR OF BASKETS BY THE LEFT SIDE For conveyors WITH neutral element at the entry.	700x600x850	
E-90-I-CV	1210309001	INTRODUCTOR OF BASKETS BY THE LEFT SIDE For conveyors WITHOUT neutral element at the entry. For conveyors WITH STEAM CONDENSER at the entry.	700x600x850	
E-90-D	1210309002	INTRODUCTOR OF BASKETS BY THE RIGHT SIDE For conveyors WITH neutral element at the entry.	700x600x850	
E-90-D-CV	1210309003	INTRODUCTOR OF BASKETS BY THE RIGHT SIDE For conveyors WITHOUT neutral element at the entry. For conveyors WITH STEAM CONDENSER at the entry.	700x600x850	

AUTOMATIZED CURVES

Automatic movement with the conveyor exit system.



Model	Reference	Description	Dimensions mm	
180-I-TS	1210309011	AUTOMATIZED CURVE 180° AT LEFT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also. To install at the exit on the LEFT side of the conveyor.	778x1,442x900	
180-I	1210309013	AUTOMATIZED CURVE 180° AT LEFT For models WITH neutral supplement on the exit. To install at the exit on the LEFT side of the conveyor.	778x1,442x900	
180-D-TS	1210309012	AUTOMATIZED CURVE 180° AT RIGHT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also. To install at the exit on the RIGHT side of the conveyor.	778x1,442x900	
180-D	1210309014	AUTOMATIZED CURVE 180° AT RIGHT For models WITH neutral supplement on the exit. To install at the exit on the RIGHT side of the conveyor	778x1,442x900	
90-I-TS	1210309008	AUTOMATIZED CURVE 90° AT LEFT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also. To install at the exit on the LEFT side of the conveyor.	778x778x900	
90-I	1210309010	AUTOMATIZED CURVE 90° AT LEFT For models WITH neutral supplement on the exit. To install at the exit on the LEFT side of the conveyor.	778x778x900	
90-D-TS	1210309007	AUTOMATIZED CURVE 90° AT RIGHT For models without neutral supplement on the exit. For models WITH DRYING TUNNEL, also. To install at the exit on the RIGHT side of the conveyor.	778x778x900	
90-D	1210309009	AUTOMATIZED CURVE 90° AT RIGHT For models WITH neutral supplement on the exit. To install at the exit on the RIGHT side of the conveyor	778x778x900	

ENTRY / EXIT ELEMENTS

ROLLING TABLES

Removable rolling units made in ABS, Ø 40 mm.
Easy cleaning.
Drain outlet.
Adjustable stainless steel legs.

Can be connected to the automatic curves



Model	Reference	Description	Capacity (baskets)	Dimensions mm	
MR2C	2151585120	Rolling table	2	1,150x630x870	
MR3C	2151585125	Rolling table	3	1,660x630x870	
MR4C	2151585140	Rolling table	4	2,170x630x870	

KIT SHOWER TAP FOR CONVEYOR DISHWASHER

Box in stainless steel with all the elements to connect one shower tap with flexible and retractable hose.
Fitted with stainless steel spring and equipped with special flexible pipe to withstand the high water temperature and pressure.



Model	Reference	For the models:	
SHOWER 16	1210309050	FI / ECO - 160 / 200 / 280	
SHOWER 37	1210309051	FI / ECO - 370 / 460 / 550	

EXAMPLE: INSTALLATION OF CONVEYOR DISHWASHER WITH PRE-WASHING TABLE AND EXIT ELEMENTS

Assembly of rack conveyor and elements for the minimum surface

- Prewashing table **MFDB-1200 LM-D** on the right side
- Conveyor dishwasher, **FI-160 D**
- Automatized curve 180° at left, **180-ITS**
- **MR2C** rolling table

Total surface:

3.4 m x 1.60 m = **5.45 m²**



