



DIHR conveyor crate-washers are the perfect answer for all those sectors in the food industry dealing with heavy workloads on a daily basis: large bakeries and pastry shops, meat or fish industry, catering services, commercial kitchens, airport facilities. Our LX and LX HD lines have been designed to offer our clients a comprehensive solution, tailored to their needs and work habits. Our conveyor crate-washers line offers the possibility to choose among six highly customizable models, which with features such as the usable belt width of 640 mm, usable height of 450 mm and a

constant monitoring of operation temperatures and wash results, that guarantees to maintain the distinctive part of DIHR brand for long life. All this while preserving limited dimensions, lower than the market average at an equal production capacity: with LX and LX HD machines it is possible to wash even big or non-standard baskets, thanks to the addition of dedicated neutral zones between modules. Optimal wash results are always DIHR's main goal. What else to say, other than just try our LX and LX HD models?



FEATURES

STANDARD

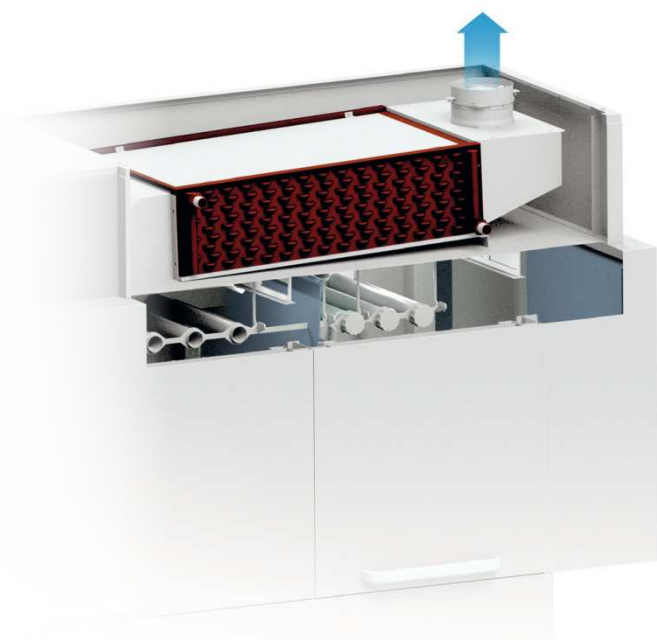
- SMART DRIVE 5 speeds advancement system
- 710 mm wide conveyor with usable width of 640 mm
- Standard crates belt
- TFT 5.7" display and soft touch keyboard
- Frequently used keys shortcut and menu language setting
- Constant monitoring of key operations
- IPX5 electronic board
- Alarms and events report
- Autotimer
- Centralized 1-DRAIN and automatic AD drain, with total or partial emptying of the tanks
- Independent and adjustable wash arms
- Use economizers
- ECO-DET Detergent economizer
- ACID PROOF Radial wash tanks in AISI 316 stainless steel inclined to provide complete drainage of the wash water
- ACID PROOF stainless steel boilers in AISI 316, fully insulated to reduce thermal loss
- S/S surface filters CLEAN+ to protect the wash tanks as well as the wash pump
- Double-skin, insulated and counterbalanced doors, equipped with anti drop safety system
- THERMO BARRIER system for comfort in use
- Predisposition for DIHR rinse-aid and detergent dispensers connection
- Vertical self-cleaning pumps
- Reinforced double rinse 2R+, improved efficiency with lower consumption
- CPF System: Controlled Pressure Flow
- Water, energy consumptions and working time control system
- Possible working modes for dryer unit: all off, only fan, half power 4,5 kW + fan, total power 9 kW + fan
- Peak-cut for dosing included
- Estimated consumption readout

THERMO BARRIER

Our state of the art doors offer three main advantages: improved insulation of the washing chamber to maintain a constant temperature, reduction of power consumptions for boiler heating elements, and a decrease of humid vapour dispersed in the environment.

ACID PROOF

Our machines benefit from maximum protection against aggressive cleaning agents and salty water, thanks to the special composition and quality of the steel used for construction, both outdoing market standards. AISI 316 steel is indeed mainly employed in specific conditions of temperature and chemicals concentrations.



CLEAN+

The tank filtration system by DIHR ensures three protection modules: the first removing persistent dirt, the second on the overall tank to prevent water contamination and a third filter system to protect components.

CPF

This simple device allows for easy adjustment of water pressure in the prewash or wash phase according to one's needs. By pulling the dedicated lever, it is possible to decrease the water flow through the nozzles of upper/lower wash arms.

OPTIONS

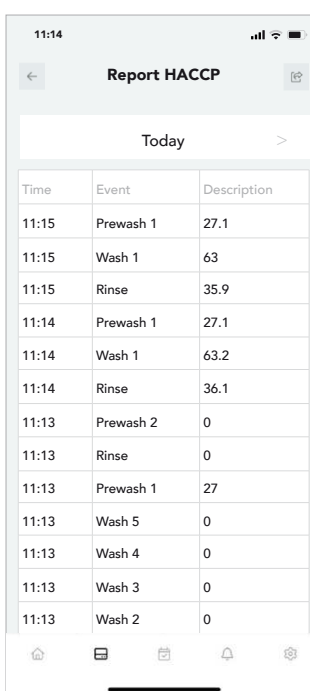
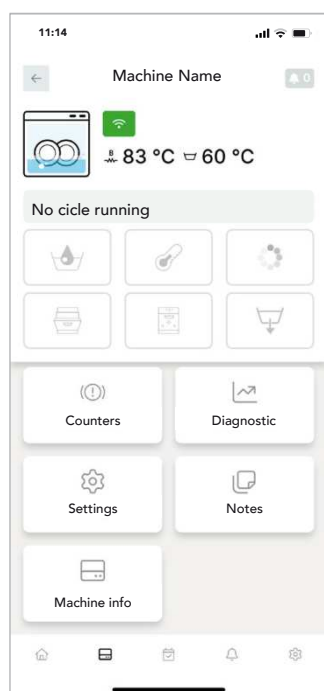
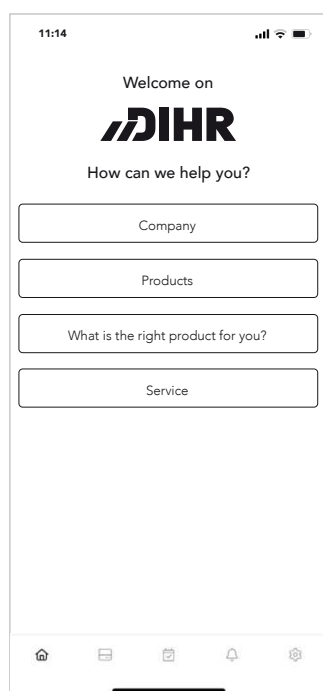
- Double belt or lower belt conveyor available
- Double skin shelf or dryer module
- Steam condenser
- 3 models of heat recovery to be chosen
- Dispensers kit with peristaltic pump, for detergent as well as rinse-aid
- Delivery in 2 or more parts, to ease installation operations
- Automatic self-cleaning of the machine available, with dedicated booster pump on request
- Thermal and acoustic insulation
- Tank insulation
- Heavy duty belt
- Break tank and booster pump
- Dedicated space for detergent and rinse-aid jugs
- S/S pumps
- Extra power in the boiler
- CONNECTIVITY remote control compliant with the HACCP norms

CONNECTIVITY 4.0 & APP

WHEREVER YOU ARE...

YOUR DISHWASHER, JUST A CLICK AWAY

You will be constantly connected to the machine to monitor the work phases, review any eventual alarm and configure remotely the operating parameters according to your needs. Compliant with HACCP norms. Thanks to our brand new App, you will have access to connected machines and all commercial and technical documentation.



View all the working parameters and event records, working hours and any problem at any time.



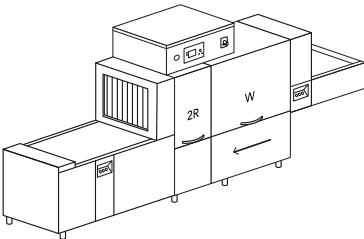
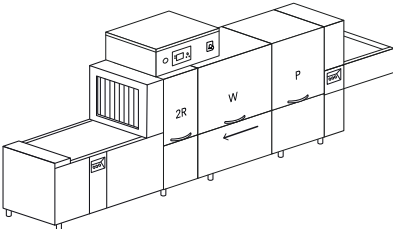
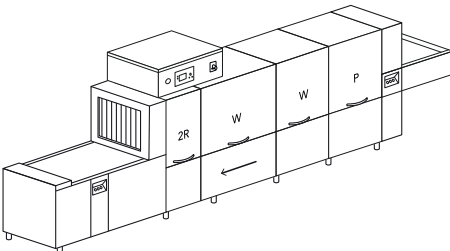
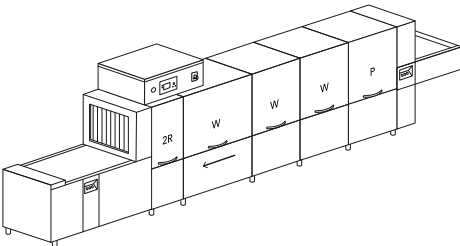
In case of problem, the machine promptly alerts you. The technician can intervene remotely to solve the problem or anticipate the needed parts for an on-site intervention.

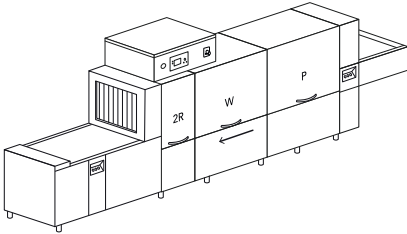
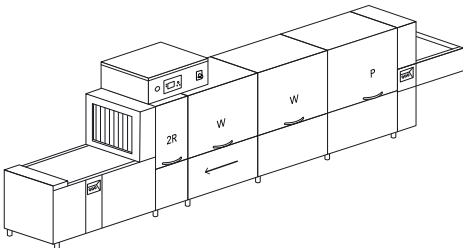


A daily activity report is available with all the events related to the dishwasher in a detailed spreadsheet with HACCP data.



Our Connectivity system is a revolutionary device limiting and facilitating the eventual intervention of a technician who can anticipate the necessary parts to be replaced, saving time and money.

Model	Voltage	Capacity	Dimensions	Code
LX 501 5 SPEEDS				
	400 V 3N ~ 50 Hz 31,5 kW	 640x450 H belt width 710	4900x985x1860/2200 H 625 kg	LX 501
	400 V 3N ~ 50 Hz 2,5 kW 48 kg/h	usable width 640 2,20-3,45 m/min		LX 501 V
LX 751 5 SPEEDS				
	400 V 3N ~ 50 Hz 36,5 kW	 640x450 H belt width 710	5800x985x1860/2200 H 775 kg	LX 751
	400 V 3N ~ 50 Hz 4,5 kW 52 kg/h	usable width 640 3,25-5,10 m/min		LX 751 V
LX 1001 5 SPEEDS				
	400 V 3N ~ 50 Hz 56,5 kW	 640x450 H belt width 710	6700x985x1860/2200 H 925 kg	LX 1001
	400 V 3N ~ 50 Hz 6,5 kW 82 kg/h	usable width 640 4,45-6,95 m/min		LX 1001 V
LX 1251 5 SPEEDS				
	400 V 3N ~ 50 Hz 74,5 kW	 640x450 H belt width 710	7600x985x1860/2200 H 1075 kg	LX 1251
	400 V 3N ~ 50 Hz 8,5 kW 108 kg/h	usable width 640 5,27-8,23 m/min		LX 1251 V

Model	Voltage	Capacity	Dimensions	Code
LX 851 HD 5 SPEEDS				
	400 V 3N ~ 50 Hz 34,92 kW	 640x450 H	6200x985x1860/2200 H 790 kg	LX 851 HD
	400 V 3N ~ 50 Hz 4,42 kW 50 kg/h	belt width — 710 — usable width — 640 — 1,4-2,15 m/min		LX 851 HD V
LX 1101 HD 5 SPEEDS				
	400 V 3N ~ 50 Hz 52,42 kW	 640x450 H	7500x985x1860/2200 H 1050 kg	LX 1101 HD
	400 V 3N ~ 50 Hz 6,42 kW 76 kg/h	belt width — 710 — usable width — 640 — 1,95-3 m/min		LX 1101 HD V

- P** Prewash
W Power wash
2R Pre-rinse + rinse on module
V Steam supply

Option compatibility to be confirmed by the manufacturer after verification

OPTIONS

	PRE DOS DDE-GROUP DOS/S SAN PAP-SAN DWI AUTOTIMER									
Model	220-240 V 3 50 Hz	380-415 V 3N 50 Hz	60 Hz	DIHR disp. connections	Dispensers kit	Dispenser with probe	Sanitization system	Booster pump sanitiz.	Thermoa- coustic insulation	
LX 501	+ 2%	●	+ 3%	●	€	€	€	€	€	●
LX 501 V	+ 1%	●	+ 3%	●	€	€	€	€	€	●
LX 751	+ 2%	●	+ 3%	●	€	€	€	€	€	●
LX 751 V	+ 1%	●	+ 3%	●	€	€	€	€	€	●
LX 1001	+ 2%	●	+ 3%	●	€	€	€	●	€	●
LX 1001 V	+ 1%	●	+ 3%	●	€	€	€	●	€	●
LX 1251	+ 2%	●	+ 3%	●	€	€	€	●	€	●
LX 1251 V	+ 1%	●	+ 3%	●	€	€	€	●	€	●
LX 851 HD	+ 2%	●	+ 3%	●	€	€	€	€	€	●
LX 851 HD V	+ 1%	●	+ 3%	●	€	€	€	€	€	●
LX 1101 HD	+ 2%	●	+ 3%	●	€	€	€	●	€	●
LX 1101 HD V	+ 1%	●	+ 3%	●	€	€	€	●	€	●

- Standard
 - Upon request
 - DDE-GROUP** Both detergent (with probe) and rinse-aid dispensers included
 - PAP-SAN** Standard pump for models LX 1001, LX 1251, LX 1101 HD
 - DIV** Compulsory for machines > 4,5 m
 - BT** Booster pump included
 - CONNECTIVITY** Includes HACCP option. 10 year plan
 - DWI** Insulation option for the tunnel only, dryer excluded. Shelf dryer can be double skin upon request
 - DWI-DWI/T** Recommended for HRF10 - HRF20 - HRPF40
 - XP** In case of cold water supply for rinse 8 °C 55 °C, and without any heat recovery, the extra power option is mandatory
In case of cold water supply for rinse (8-15 °C), we recommend to install the heat recovery system as optional.
- Water supply 55 °C. Water hardness min 2°f - max 8°f (if higher, an external water softener is required)
- EAC label upon request
- Option compatibility to be confirmed by the manufacturer after verification

	DWI / T	CONNECTIVITY	XP	PAP	DRIVE	PI	1-DRAIN	ECO-DET	X-BELT	DIV	BT
Model	Tank insulation	Connectivity (HACCP)	Extra power	Booster pump	Smart drive	S/S pumps	Centralized drain	Detergent economizer	Special belt	Price for division	Break tank
LX 501	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 501 V	€	€	□	€	●	€	●	●	+ 7%	€	€
LX 751	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 751 V	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 1001	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 1001 V	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 1251		€	€	€	●	€	●	●	+ 7%	€	€
LX 1251 V	€	€	□	€	●	€	●	●	+ 7%	€	€
LX 851 HD	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 851 HD V	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 1101 HD	€	€	€	€	●	€	●	●	+ 7%	€	€
LX 1101 HD V	€	€	€	€	●	€	●	●	+ 7%	€	€

OPTIONS

	NZ3	NZ6	NZH6	DRF69	DRF6V	ID	DRF70	DRF7V	DRF99M	DRF9VM	DRF99MB	DRF99MB1
Model	Neutral zone 300	Neutral zone 600	Neutral zone for dryer 600	Shelf dryer	Steam-heated shelf dryer	Double skin for shelf dryer	Shelf dryer	Steam-heated shelf dryer	Module dryer	Steam heated dryer module	Dryer on module with blowers	Dryer on module with blowers
LX 501	€	€	€	€	----	€	€	----	€	----	€	€
LX 501 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 751	€	€	€	€	----	€	€	----	€	----	€	€
LX 751 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1001	€	€	€	€	----	€	€	----	€	----	€	€
LX 1001 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1251	€	€	€	€	----	€	€	----	€	----	€	€
LX 1251 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 851 HD	€	€	€	€	----	€	€	----	€	----	€	€
LX 851 HD V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1101 HD	€	€	€	€	----	€	€	----	€	----	€	€
LX 1101 HD V	€	€	€	€	€	€	€	€	€	€	€	€

---- Not available

NZ3 Recommended to wash long baskets

NZ6 Recommended for big quantities of trays to wash. Module equipped with a front door

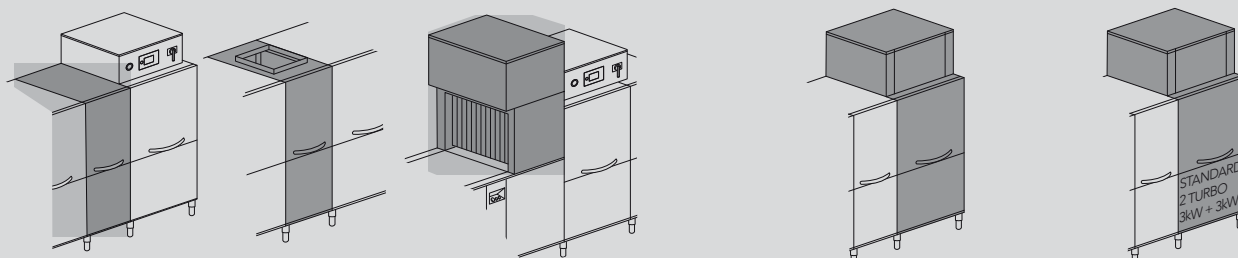
NZH6 Recommended with dryers with blowers

U-AIR Proximity air nozzles available on every dryer module

ID Recommended option for DRF69 - DRF6V. Only for dryer on shelf

HD+BELT For each dryer module and neutral zone, the extra price is + €

With osmotic water supply and electrical conductivity lower than 200 microsiemens, it is mandatory to install a stainless steel heat exchanger



NZ3 + 300 mm
Neutral zone

NZH6 + 600 mm
Neutral zone with door for dryer

DRF69 9 kW
Shelf dryer

DRF6V
Steam heated shelf dryer
DRF70
Double skin lateral shelf dryer with upper fan

DRF7V
Steam-heated double skin shelf lateral dryer with upper fan

DRF99M + 900 mm - 9 kW
Dryer module

DRF9VM + 900 mm
Steam heated dryer module

DRF99MB + 900 mm 16,1 kW
Dryer module

DRF9VMB + 900 mm 7,1 kW
Steam heated dryer module

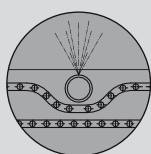
	DRF99MB2	DRF9VMB	DRF9VMB1	DRF9VMB2	U-AIR	SCF10	HRF10	HRF20	HRPF40	3R	STOCK	HD+BELT
Model	Dryer on module with blowers	Steam dryer on module with blowers	Steam dryer on module with blowers	Steam dryer on module with blowers	Proximity air nozzle	Steam condenser	Heat recovery	Heat recovery	Heat recovery	Triple rinse	Chemicals compartment	Heavy-duty belt
LX 501	€	----	----	----	€	€	€	----	€	€	€	€
LX 501 V	€	€	€	€	€	€	€	----	€	€	€	€
LX 751	€	----	----	----	€	€	€	€	€	€	€	€
LX 751 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1001	€	----	----	----	€	€	€	€	€	€	€	€
LX 1001 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1251	€	----	----	----	€	€	€	€	€	€	€	€
LX 1251 V	€	€	€	€	€	€	€	€	€	€	€	€
LX 851 HD	€	----	----	----	€	€	€	€	€	€	€	€
LX 851 HD V	€	€	€	€	€	€	€	€	€	€	€	€
LX 1101 HD	€	----	----	----	€	€	€	€	€	€	€	€
LX 1101 HDV	€	€	€	€	€	€	€	€	€	€	€	€

DRF99MB1 - DRF9VMB1 Lower by-pass belt with blowers. Maximum 1 per machine as an alternative to the double belt

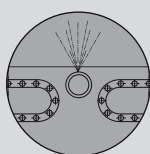
DRF99MB2 - DRF9VMB2 Double belt with blowers. Maximum 1 per machine as an alternative to the lowered by-pass belt

HRF10 - HRF20 - HRPF40 In case of cold water supply for rinse (8-15 °C), we recommend to install the heat recovery system optional.

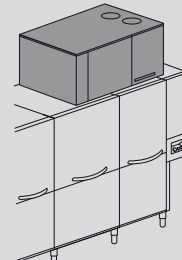
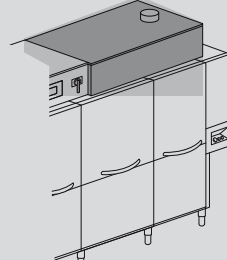
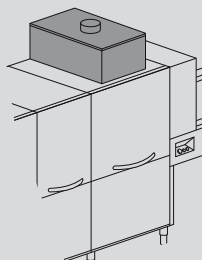
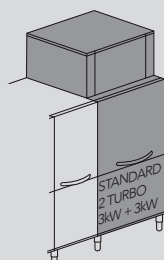
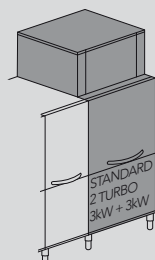
Option compatibility to be confirmed by the manufacturer after verification



with blowers and lowered belt



with blowers and double belt



DRF99MB1 + 900 mm 16,1 kW

Dryer module

DRF99MB2 + 900 mm 16,1 kW

Dryer module

HRF10

Compact heat recovery

HRF20

heat recovery

HRPF40

Heat recovery with heat pump

DRF9VMB1 + 900 mm 7,1 kW

Steam heated dryer module

DRF9VMB2 + 900 mm 7,1 kW

Steam heated dryer module

SCF10

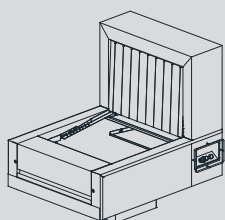
Steam condenser

OPTIONS

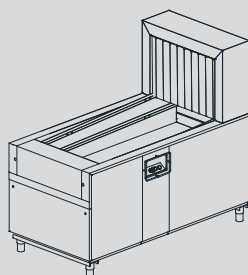
	MI900	MI1200	MIS1200	MI1500	MI1800	MI2200	MI2700
Model	Entry mod. 900	Entry mod. 1200	Over. entry mod. 1200	Entry mod. 1500	Entry mod. 1800	Entry mod. 2200	Entry mod. 2700
LX 501	€	€	●	€	€	€	€
LX 501 V	€	€	●	€	€	€	€
LX 751	€	€	●	€	€	€	€
LX 751 V	€	€	●	€	€	€	€
LX 1001	€	€	●	€	€	€	€
LX 1001 V	€	€	●	€	€	€	€
LX 1251	€	€	●	€	€	€	€
LX 1251 V	€	€	●	€	€	€	€
LX 851 HD	€	€	●	€	€	€	€
LX 851 HD V	€	€	●	€	€	€	€
LX 1101 HD	€	€	●	€	€	€	€
LX 1101 HD V	€	€	●	€	€	€	€

- Standard
- Upon request
- Not available

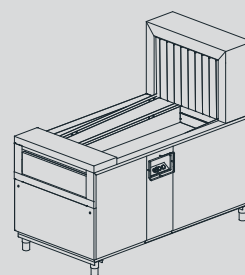
Option compatibility to be confirmed by the manufacturer after verification



Overhanging entry module

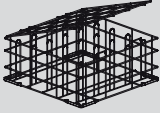


Entry module



Exit module

	MIR2200	MIR2700	EM900	EM1200	EM1500	EM1800	EM2200	EM2700
Model	Lowered belt entry mod. 2200	Lowered belt entry mod. 2700	Exit mod. 900	Exit mod. 1200	Exit mod. 1500	Exit mod. 1800	Exit mod. 2200	Exit mod. 2700
LX 501	€	€	□	□	□	●	€	€
LX 501 V	€	€	□	□	□	●	€	€
LX 751	€	€	□	□	□	●	€	€
LX 751 V	€	€	□	□	□	●	€	€
LX 1001	€	€	□	□	□	●	€	€
LX 1001 V	€	€	□	□	□	●	€	€
LX 1251	€	€	□	□	□	●	€	€
LX 1251 V	€	€	□	□	□	●	€	€
LX 851 HD	€	€	□	□	□	●	€	€
LX 851 HD V	€	€	□	□	□	●	€	€
LX 1101 HD	€	€	□	□	□	●	€	€
LX 1101 HD V	€	€	□	□	□	●	€	€

	Description	Capacity	Dimensions	Code	
	REUSABLE CUP BASKET *Only with flat belt	5x5 Glass 30 < Ø < 90 mm H max 185 mm	500x500x235 H	C 135 	