

# HT 12 ELECTRON

LATEST GENERATION  
HOOD-TYPE DISHWASHERS

**DIHR**  
we mean clean

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LATEST GENERATION  
HOOD-TYPE DISHWASHERS



The latest generation uncompromising DIHR hoodtype dishwashers. These machines are built with fully double-skin hoodtype, designed for being silent and reliable. Beside the standard electronic versions with four programmable cycles, we have developed the PLUS models with guaranteed steady rinse temperature and pressure and two cycles with Hygiene+ superior fea-

tures ( $A_0=30$  on the scale of thermo-disinfection according to the norm EN ISO 15883-1). Thanks to these latest technological features, the sturdy Plus versions will promote the almost total elimination of the bacterial load. The customization of our new generation machines has never been so easy!

$A_0=30$   
**HYGIENE+**


## HYGIENE+ SYSTEM

The HYGIENE+ models perform long cycles at high temperatures to fulfill high levels of hygiene, now more essential than ever for our health. These special programs comply with  $A_0=30$  on the scale of thermo-disinfection according to the norm EN ISO 15883-1.

The HYGIENE+ models include 2 special cycles, a short one of 180 seconds and a longer one of 630 seconds, ensuring compliance with high levels of hygiene thanks to high temperatures and long cycles.



## FEATURES

- Easy and intuitive electronic control panel
- Modification of the dosage of detergent and rinse-aid directly on the control panel (Plus versions)
- Remote control panel available on request instead of the standard control panel (Plus versions)
- Four customizable programs
- Hygiene + version (H+ models): two special additional programs complying with  $A_0=30$  according to the norm EN ISO 15883-1
- Double skin insulated hood
- Deep tank
- Double tank filters, with dirt collection system and pump filter (improved system for a better filtration of the wash water)
- Self-cleaning vertical pump
- Soft Start wash pump
- Rinse-aid and detergent dispensers included (peristaltic rinse-aid dispenser included on Plus versions)
- Water consumption and working time control system (PLUS versions)
- Easy to access for maintenance
- Anti-drop roof panel
- Easily removable basket support
- Linear or corner layouts
- Self-cleaning cycle
- Built-in peristaltic detergent dispenser and built-in rinse-aid dispenser (peristaltic rinse-aid dispenser included in the Plus versions)
- The Plus system grants a constant rinse temperature and pressure (Plus models)
- Lift: automatic hood lift at the end of cycle
- HR: ENERGY RECOVERY system (HT 12 Electron Plus HR)
- CONNECTIVITY remote control compliant with the HACCP norms (on request)
- Predisposition for connection to an external device of reverse osmosis (on request on Plus versions)

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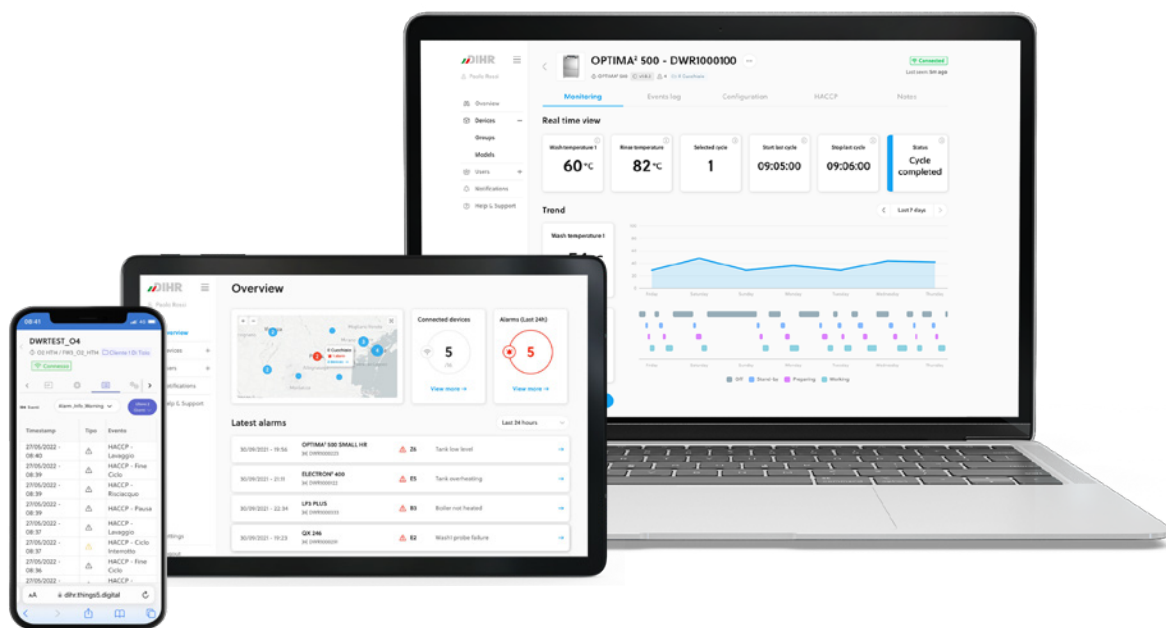
## CONNECTIVITY 4.0

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.

Compliant with HACCP norms.



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.

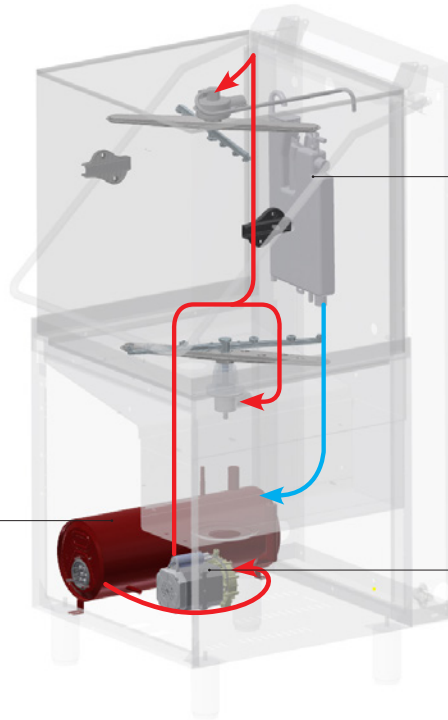


Our Connectivity system is a revolutionary device limiting and facilitating the eventual intervention of a technician who can anticipate the necessary parts to be replaced, saving time and money.

## PLUS SYSTEM

GUARANTEED RINSE EVEN WITH LOW PRESSURE OF THE WATER INLET

We have developed an innovative rinsing system at constant temperature, consumption and water pressure, regardless of external conditions.



## BREAK TANK

The Break Tank system prevents the heated water of the boiler to go back and mix with the fresh water supply.

## ATMOSPHERIC BOILER

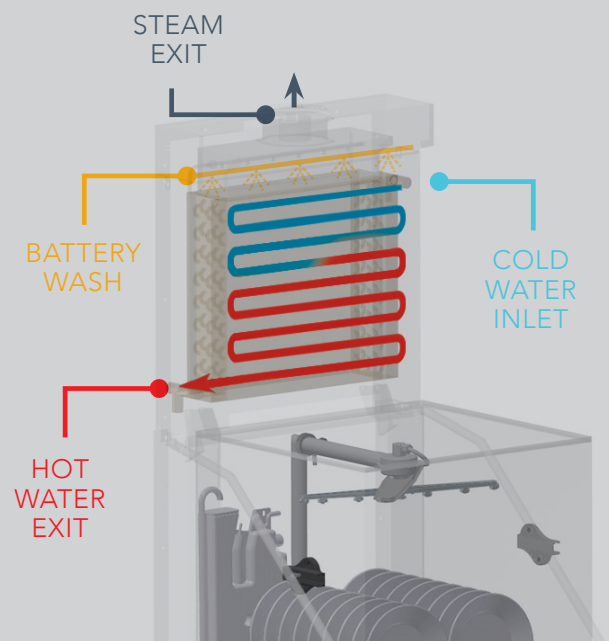
The water temperature in the boiler remains constant at 85°C throughout the rinse, as the boiler refill only occurs once the rinse cycle is done.

## RINSE PUMP

The water is sucked from the boiler through a rinse pump and is sent to the rinse nozzles. The correct pressure is ensured regardless of the water inlet pressure and temperature.

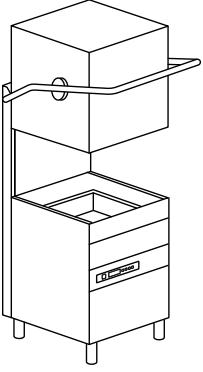



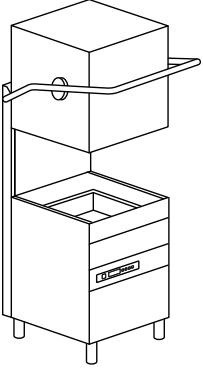



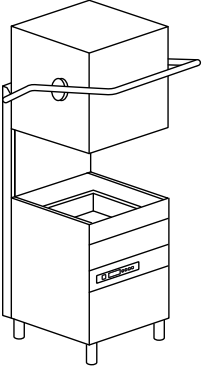



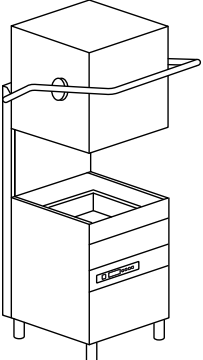



## HR - ENERGY RECOVERY

The ENERGY RECOVERY system uses the heat produced by the machine to preheat the inlet cold water (8-15 °C). This is an immediate saving on energy costs. Additionally, an optimal temperature in the dishwashing area is achieved as the air is no more affected by steam and humidity.

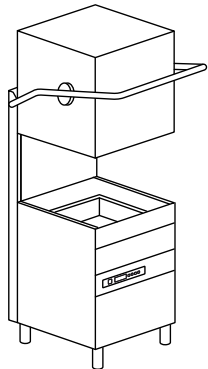


# HT 12 ELECTRON

LATEST GENERATION  
HOOD-TYPE DISHWASHERS

Model	Voltage	Capacity	Dimensions	Code
<b>HT 12 ELECTRON</b> ELECTRONIC 4 PROGRAMS				
 <p><b>RACK EQUIPMENT</b> 2 X C40 1 X C44 2 X 15060</p>	400 V 3N ~ 50 Hz 10,5 kW	 <p>ø 410</p>  <p>500x500</p>	720x735x 1445/1880 H 115 kg   <p>530x325x25 H</p>	<b>HT 12 ELECTRON</b>  <b>HT 12 ELECTRON DA</b>
<b>HT 12 ELECTRON H+</b> ELECTRONIC 4 PROGRAMS				
 <p><b>RACK EQUIPMENT</b> 2 X C40 1 X C44 2 X 15060</p>	400 V 3N ~ 50 Hz 10,5 kW	 <p>ø 410</p>  <p>500x500</p>	720x735x 1445/1880 H 115 kg   <p>530x325x25 H</p>	<b>HT 12 ELECTRON H+</b>  <b>HT 12 ELECTRON DA H+</b>
<b>HT 12 ELECTRON LIFT</b> ELECTRONIC 4 PROGRAMS				
 <p><b>RACK EQUIPMENT</b> 2 X C40 1 X C44 2 X 15060</p>	400 V 3N ~ 50 Hz 10,5 kW	 <p>ø 410</p>  <p>500x500</p>	720x735x 1445/1880 H 119 kg   <p>530x325x25 H</p>	<b>HT 12 ELECTRON LIFT</b>  <b>HT 12 ELECTRON LIFT DA</b>
<b>HT 12 ELECTRON LIFT H+</b> ELECTRONIC 4 PROGRAMS				
 <p><b>RACK EQUIPMENT</b> 2 X C40 1 X C44 2 X 15060</p>	400 V 3N ~ 50 Hz 10,5 kW	 <p>ø 410</p>  <p>500x500</p>	720x735x 1445/1880 H 119 kg   <p>530x325x25 H</p>	<b>HT 12 ELECTRON LIFT H+</b>  <b>HT 12 ELECTRON LIFT DA H+</b>

Model	Voltage	Capacity	Dimensions	Code
<b>HT 12 ELECTRON PLUS H+</b> ELECTRONIC 6 PROGRAMS				



RACK EQUIPMENT  
2 X C40  
1 X C44  
2 X 15060

**A<sub>2</sub>=30**  
HYGIENE +

400 V 3N ~ 50 Hz  
10,5 kW



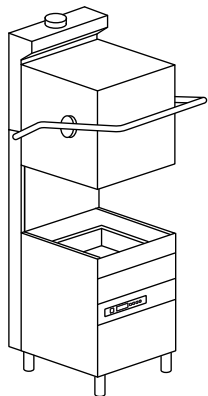
720x735x  
1445/1880 H  
115 kg



**HT 12 ELECTRON PLUS H+**

**HT 12 ELECTRON PLUS DA H+**

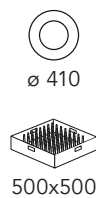
<b>HT 12 ELECTRON PLUS HR H+</b> ELECTRONIC 6 PROGRAMS - HR: HEAT RECOVERY				
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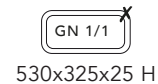
RACK EQUIPMENT  
2 X C40  
1 X C44  
2 X 15060

**A<sub>2</sub>=30**  
HYGIENE +

400 V 3N ~ 50 Hz  
10,5 kW



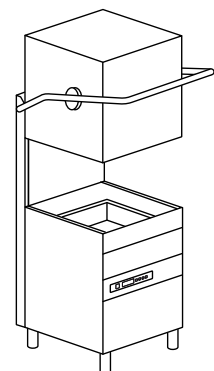
720x735x  
2095 H  
145 kg



**HT 12 ELECTRON PLUS HR H+**

**HT 12 ELECTRON PLUS HR DA H+**

<b>HT 12 ELECTRON PLUS LIFT H+</b> ELECTRONIC 6 PROGRAMS				
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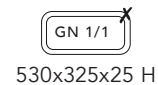
RACK EQUIPMENT  
2 X C40  
1 X C44  
2 X 15060

**A<sub>2</sub>=30**  
HYGIENE +

400 V 3N ~ 50 Hz  
10,5 kW



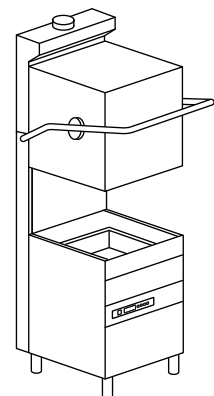
720x735x  
1445/1880 H  
145 kg



**HT 12 ELECTRON PLUS LIFT H+**

**HT 12 ELECTRON PLUS LIFT DA H+**

<b>HT 12 ELECTRON PLUS HR LIFT H+</b> ELECTRONIC 6 PROGRAMS - HR: HEAT RECOVERY				
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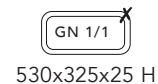
RACK EQUIPMENT  
2 X C40  
1 X C44  
2 X 15060

**A<sub>2</sub>=30**  
HYGIENE +

400 V 3N ~ 50 Hz  
10,5 kW



720x735x  
2095 H  
145 kg



**HT 12 ELECTRON PLUS HR LIFT H+**

**HT 12 ELECTRON PLUS HR LIFT DA H+**

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## OPTIONS

	380-415 V 3N 50 Hz	220-240 V 3 50 Hz	380-415 V 3 50 Hz	440 V 3 60 Hz	60 Hz	RO Osmosis Connection	XP Extra Power	PS Drain Pump	DDE Detergent Dispenser	DB Rinse-Aid Dispenser
<b>HT 12 ELECTRON</b>	●	□	€	€	€	□	€	€	●	●
<b>HT 12 ELECTRON DA</b>	●	□	€	€	€	----	€	€	●	●
<b>HT 12 ELECTRON H+</b>	●	□	€	€	€	□	€	€	●	●
<b>HT 12 ELECTRON DA H+</b>	●	□	€	€	€	----	€	€	●	●
<b>HT 12 ELECTRON LIFT</b>	●	□	€	€	€	□	€	€	●	●
<b>HT 12 ELECTRON LIFT DA</b>	●	□	€	€	€	----	€	€	●	●
<b>HT 12 ELECTRON LIFT H+</b>	●	□	€	€	€	□	€	€	●	●
<b>HT 12 ELECTRON LIFT DA H+</b>	●	□	€	€	€	----	€	€	●	●
<b>HT 12 ELECTRON PLUS H+</b>	●	□	€	€	€	□	€	€	●	----
<b>HT 12 ELECTRON PLUS DA H+</b>	●	□	€	€	€	----	€	€	●	----
<b>HT 12 ELECTRON PLUS HR H+</b>	●	□	€	€	€	□	€	€	●	----
<b>HT 12 ELECTRON PLUS HR DA H+</b>	●	□	€	€	€	----	€	€	●	----
<b>HT 12 ELECTRON PLUS LIFT H+</b>	●	□	€	€	€	□	€	€	●	----
<b>HT 12 ELECTRON PLUS LIFT DA H+</b>	●	□	€	€	€	----	€	€	●	----
<b>HT 12 ELECTRON PLUS HR LIFT H+</b>	●	□	€	€	€	□	€	€	●	----
<b>HT 12 ELECTRON PLUS HR LIFT DA H+</b>	●	□	€	€	€	----	€	€	●	----

● Standard

□ Upon request

---- Not available

**DA** Built-in automatic water softener

**HR** Available in case of osmotic water supply, if the electrical conductivity is higher than 200 microsiemens

**LIFT** Automatic hood lift at the end of the cycle

**PLUS** Rinse with constant temperature and stabilized consumption

**H+** 2 cycles of 630 and 180 seconds with high temperatures, reaching up to 70 °C for washing and 90 °C for rinsing

EAC label upon request

Water supply 55 °C (not on HR version)



Model	DBE	BT	WRAS	DVGW	CONN.	PAP	ID	DF	FLOAT	CONTROL
	Electric Rinse-Aid Disp.	Break Tank	Wras	DVGW	Connectivity (HACCP)	Booster Pump	Double Skin	Surface Filters Kit	Probes Lack det / rinse aid	Additional remote control panel
<b>HT 12 ELECTRON</b>	€	€	€	€	€	€	●	●	€	----
<b>HT 12 ELECTRON DA</b>	€	----	€	€	€	€	●	●	€	----
<b>HT 12 ELECTRON H+</b>	€	€	€	€	€	€	●	●	€	----
<b>HT 12 ELECTRON DA H+</b>	€	----	€	€	€	€	●	●	€	----
<b>HT 12 ELECTRON LIFT</b>	€	€	€	€	€	----	●	●	€	----
<b>HT 12 ELECTRON LIFT DA</b>	€	----	€	€	€	----	●	●	€	----
<b>HT 12 ELECTRON LIFT H+</b>	€	€	€	€	€	----	●	●	€	----
<b>HT 12 ELECTRON LIFT DA H+</b>	€	----	€	€	€	----	●	●	€	----
<b>HT 12 ELECTRON PLUS H+</b>	●	●	€	€	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS DA H+</b>	●	----	----	----	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS HR H+</b>	●	●	----	----	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS HR DA H+</b>	●	----	----	----	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS LIFT H+</b>	●	●	€	€	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS LIFT DA H+</b>	●	----	----	----	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS HR LIFT H+</b>	●	●	----	----	€	●	●	●	€	€
<b>HT 12 ELECTRON PLUS HR LIFT DA H+</b>	●	----	----	----	€	●	●	●	€	€

**PS** Not available with 380-415 V 3 50 Hz and 440 V 3 60 Hz (PLUS models)

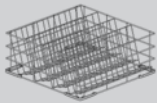
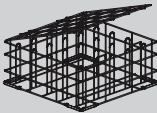
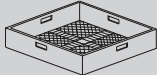
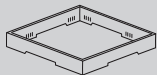
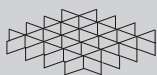
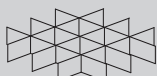

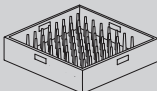
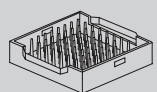

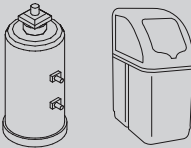
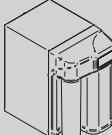
**XP** In case of cold water supply for rinse (8-55 °C) and without any heat recovery, the extra power option is mandatory. +3000 W with standard voltage only, for other voltages please contact us. In case of cold water supply for rinse (8-15 °C), We recommend the heat recovery option, if available on the selected Model

**BT-WRAS-DVGW** Booster pump included

**DVGW** Components prescribed by DVGW on request (check option compatibility with the manufacturer)

**CONNECTIVITY** Includes HACCP option. 10-year plan

Option compatibility to be confirmed by the manufacturer after verification

	Description	Capacity	Dimensions	Code
	SLOPED GLASS BASKET	Ø 10 max	500x500x200 H	<b>C 26</b>
	GLASS BASKET WITH GLASS SUPPORT AND ANTI-TIPPING LID		500x500x235 H	<b>C 135</b>
	LARGE MESH BASKET	For glasses	500x500x105 H	<b>C 44</b>
	HOLDER FOR GLASS SUPPORT	For glass support (C112-C113-C114)	500x500x50 H	<b>C111</b>
	GLASS SUPPORT	5x5 Glass Ø 87 mm (C111)	500x500x50 H	<b>C 112</b>
	GLASS SUPPORT	4x4 Glass Ø 110 mm (C111)	500x500x50 H	<b>C 113</b>
	GLASS SUPPORT	6x6 Glass Ø 72 mm (C111)	500x500x50 H	<b>C 114</b>
	PLATE BASKET	18 Plates	500x500x105 H	<b>C 40</b>
	GASTRONORM TRAYS BASKET	6 pcs max depth 25mm	500x500x105 H	<b>C 43/B</b>
	CUTLERY BASKET	Standard (2 pcs)	Ø 120x120 H	<b>15060</b>
	WATER SOFTENER	12 l	Ø 200x500 H	<b>D 1</b>
	AUTOMATIC WATER SOFTENER	12 l (max 800 l)	315x510x685 H	<b>D 2</b>
	OSMOSIS PLUS MODEL	230 V 50 Hz - 250 W 5° C - 30° C Flow rate 240 l/h Not suitable for machine with integrated water softener Special basket dotation	270x411x451 H 18 Kg	<b>OS 240</b>

	Description	Capacity	Dimensions	Code
	SHELF	Only for exit	600x510	<b>T 10</b>
	TABLE		650x510x860 H	<b>T 28</b>
	HOOD CONNECTION SHELF			<b>KIT DUO</b>
	CORNER TABLE		590x590x860 H	<b>A 10</b>
	TABLE		700x590x860 H	<b>T 34 A</b>
			1200x590x860 H	<b>T 34 B</b>
			1200x590x860 H	<b>T 35</b>
		Sink 500x400x270 H	1200x730x860 H	<b>T 50</b>
			1200x730x860 H	<b>T 50 F</b>
			1200x730x860 H	<b>T 55</b>
		Sink 500x400x270 H	1500x730x860 H	<b>T 80</b>
			1500x730x860 H	<b>T 80 E</b>
			1800x730x860 H	<b>T 90</b>
	SHELF		1515x620x660 H	<b>M 16*</b>
	GRADING TABLE WITH RUBBER RING	Waste hole and special dimensions upon request	2315x620x660 H	<b>M 24*</b>
	FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall		1600x1000x850 H	<b>TC 16*</b>
			2400x1000x850 H	<b>TC 24*</b>
	FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall and intermediate tap		1000 H	<b>D 01</b>
			1000 H	<b>D 02</b>
	STAINLESS STEEL WASTE BIN	Basic model	Ø 400x570 H	<b>P 01</b>
		With wheels	Ø 400x570 H	<b>P 02</b>
		With wheels and	Ø 400x570 H	<b>P 03</b>

\* Wooden cage +2% minimum + €

Special dimensions for tables upon request

Tables shown in right-to-left version



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Edition 09.2023

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The Spirit of Excellence