

CATALOG

product range



www.storm-company.com



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Presentation

"STORM S" S.A. was established in 1990 in Gabrovo, Bulgaria and has manufactured machines and equipment for food processing industry for more than 20 years. The enterprise has two production bases – in Gabrovo and Plovdiv, Bulgaria. The main headquarter of the company is in Plovdiv.

"STORM S" S.A. offers full range of services, technologies, machines and equipment for food processing industry - consulting, technological projects, modernization, introducing of new technologies.

Thanks to its 20-year history, our company is able to offer complete decisions based on experience, contemporary technologies and tempting financial terms.

Engineering and design work of the company aims to develop high-technological machines with low energy consumption based on its own patents, thereby providing high quality world-class self-engineering production.



Two patents of the company were awarded with medals in 2001 in Pittsburgh, USA at the 17th World Salon of INPEX Innovations:

- gold medal:

for automatic cutting of carcasses into halves with no waste for the needs of conveyor systems in slaughterhouses;

- silver medal:

for energy saving method and equipment for pressing raw materials into briquettes.

The same year, at "Euro Intellect" exhibition in Sofia, Bulgaria these patents were awarded again. The two gold medals proved again the world level of the company.

On March 1st 2010 in Paris, France our company was awarded with GOLDEN EUROPEAN AWARD FOR QUALITY 2010 in recognition for business success and quality of production.

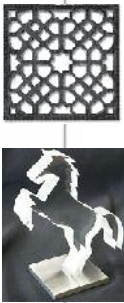
The company complies with ISO 9001:2008, , GOST.



STORM S S.A. company has two modern equipped production bases. In the recent years the company has made large investments to modernize its machinery park.



WATERJET CNC 3D



BENDING CNC 3D PRESSBRAKE



GUILLOTINE CUTTING
LASER CUTTING

PRECISE ARGON WELDING



LATHE CNC 4 AND 5-AXES
VERTICAL CENTRES

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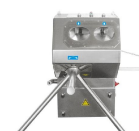
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The STORM S S.A. company informs that individual differences may appear between the machines shown in this catalogue and those offered for sale due to either design changes or the individual orders of our customers.

HYGIENIC EQUIPMENT

Our company offers a wide range of hygienic equipment – hygienic stations (pass-through, non-pass through, with/without turn style, “enter-exit” etc.)

Our equipment is easy to maintain. It is designed for personal hygiene control when entering into or going out of working areas. Our scope of hygienic equipment includes disinfection stations and/or hand washing; soles cleaning; boots/apron washing.

Our company is entirely Customer oriented. We offer standard and optional equipment depending on our customers' needs and requirements. Our hygienic equipment is designed following the latest technologies and in accordance with all safety rules.

Our equipment is entirely made of stainless steel 1.4301 (AISI 304) which is permitted in food industry.

Machines comply with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.

ISO 9001:2008



Machines comply with standards HACCP, EN 1672-2, the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



COMPACT HYGIEN STATION 10.0210.00

The machine is designated for personal hygienic control when entering in and going out of working areas for large manufacturers with more than 50 people per shift.

There are two ways – entrance and exit. It consists of a hand disinfection unit with a turn-style, active (automatic level support) sole disinfection bath with drip-off zone for entering section and pass through sole cleaning machine with mechanical turn-style for exit section.

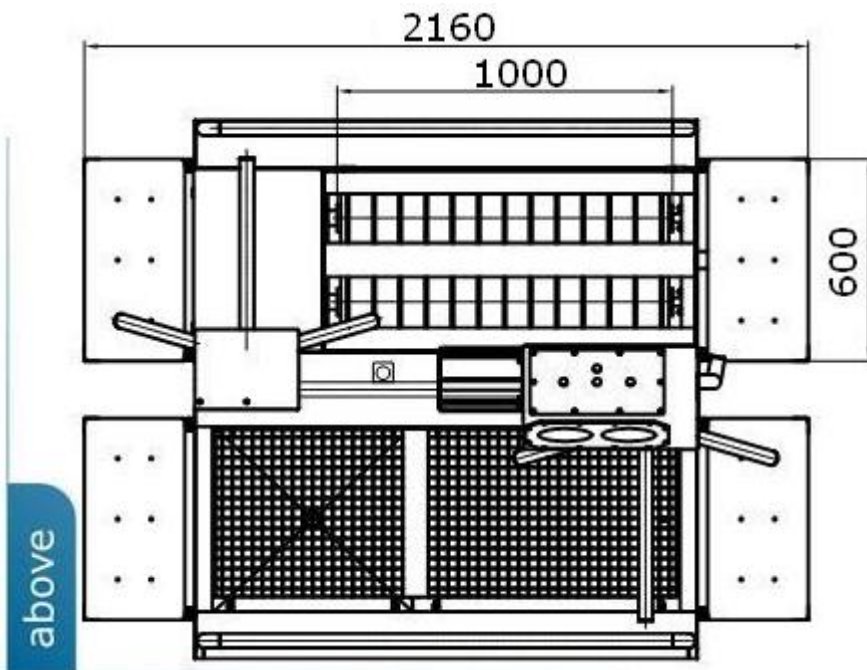
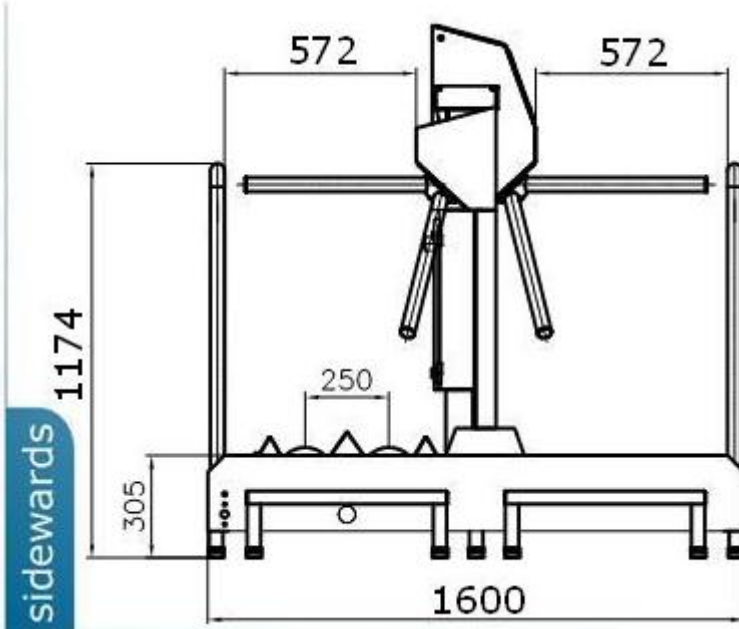
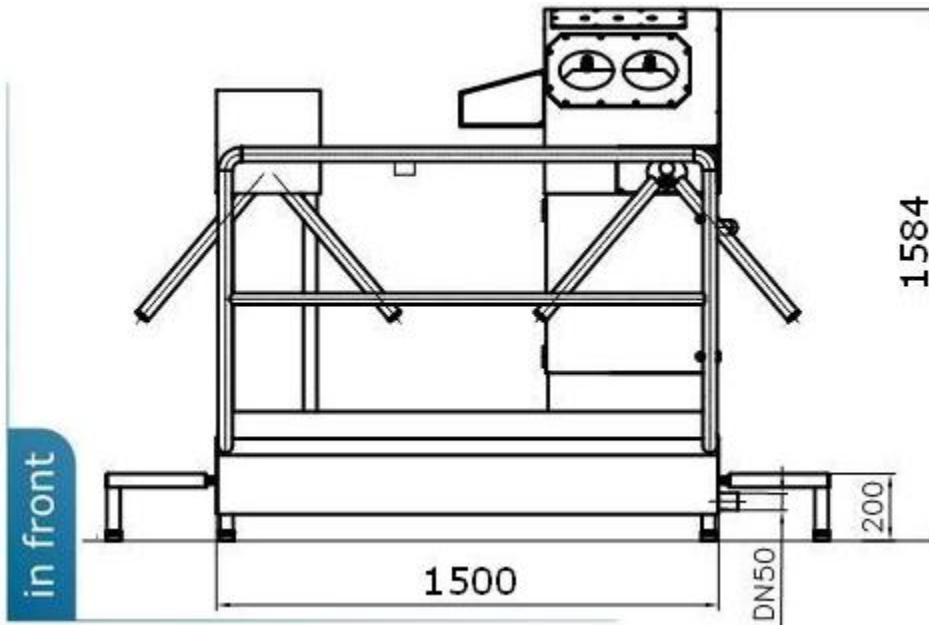
Entrance control – by hand disinfection unit, exit control - by photocell. Both turn styles are one-way.

A programmable controller SIEMENS, allowing settings of operating modes in a wide range, is used for station control.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~0.8
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~320
Passing time	sec	5-6 per section

Dimensions:

Length of body (without stairs)	mm	1500
Total length	mm	2160
Length of brushes	mm	1000/Ø170
Width	mm	1600
Height	mm	1584

COMPACT HYGIENE STATION TWIN-PASS

Art. Number	10.0210.00	10.0042.13	10.3030.00	10.6040.00
Dimensions (L,W,H mm)	2160/1600/1584	2213/1840/1570	2558/2280/1585	2126/1600/1585
Hand disinfection unit/sink	yes/no	yes/yes	yes/no	yes/no
Turn style/gate	yes/no	yes/no	yes/no	yes/no
Disinfection bath/drip-off zone	yes/yes ENTRANCE	no/no	no/no	no/no
Brushes - soles/boots (length of horizontal/height of vertical in mm)	2 1000/NO EXIT	2 1000/no entrance and exit	4 700/3 300	2 1000/no entrance and exit
One-way/two-ways	two-ways	one-way	-	one-way
Execution left/right	left	10.0042.13/10.0043.13	10.3030.00/10.3031.00	10.6040.00/10.6041.00
Installation - floor/wall	yes/no	yes/no	yes/no	yes/no
Passing time (sec)	~ 5 at each side	~ 5 at each side	~ 7 at each side	~ 5 at each side
Instaled power (kW)	~0.7	~3	~1,2	~1,6
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	twin-pass /entrance and exit simultaneously/	twin-pass /entrance and exit simultaneously/; option ally montage of hands dryer	twin-pass /entrance and exit simultaneously/; exit – turn style and boot cleaning	twin-pass /entrance and exit simultaneously/; turn styles with swing arms

10.3030.00

- twin-pass
- exit - turn style
- sole and boot cleaning



10.6040.00

- twin-pass
- entrance and exit - sole cleaning
- turn styles with swing arms



COMPACT HYGIEN STATION

10.3030.00

The machine is designated for personal hygienic control - cleaning of soles and disinfection of hands when entering in the working areas and cleaning of soles or boots when going out of working areas in the food processing enterprises.

The control panel is gathered in one place.

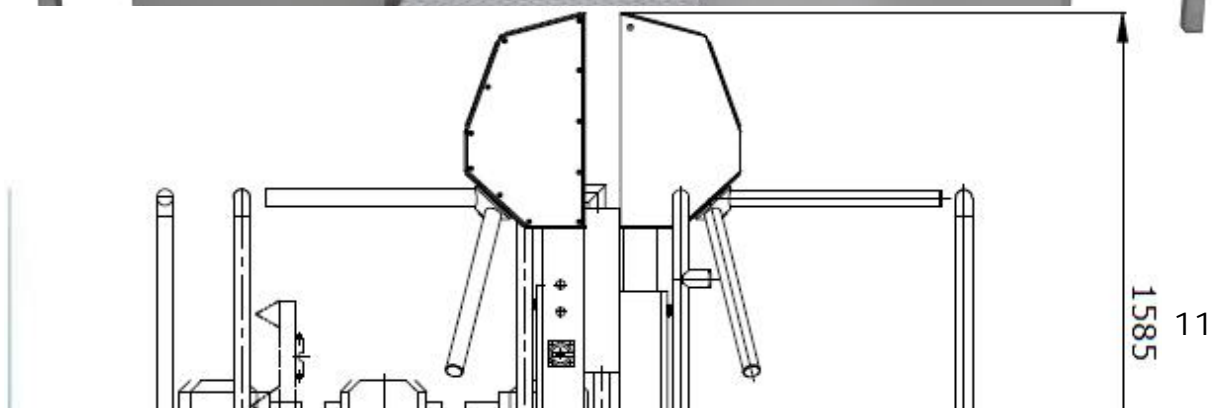
It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

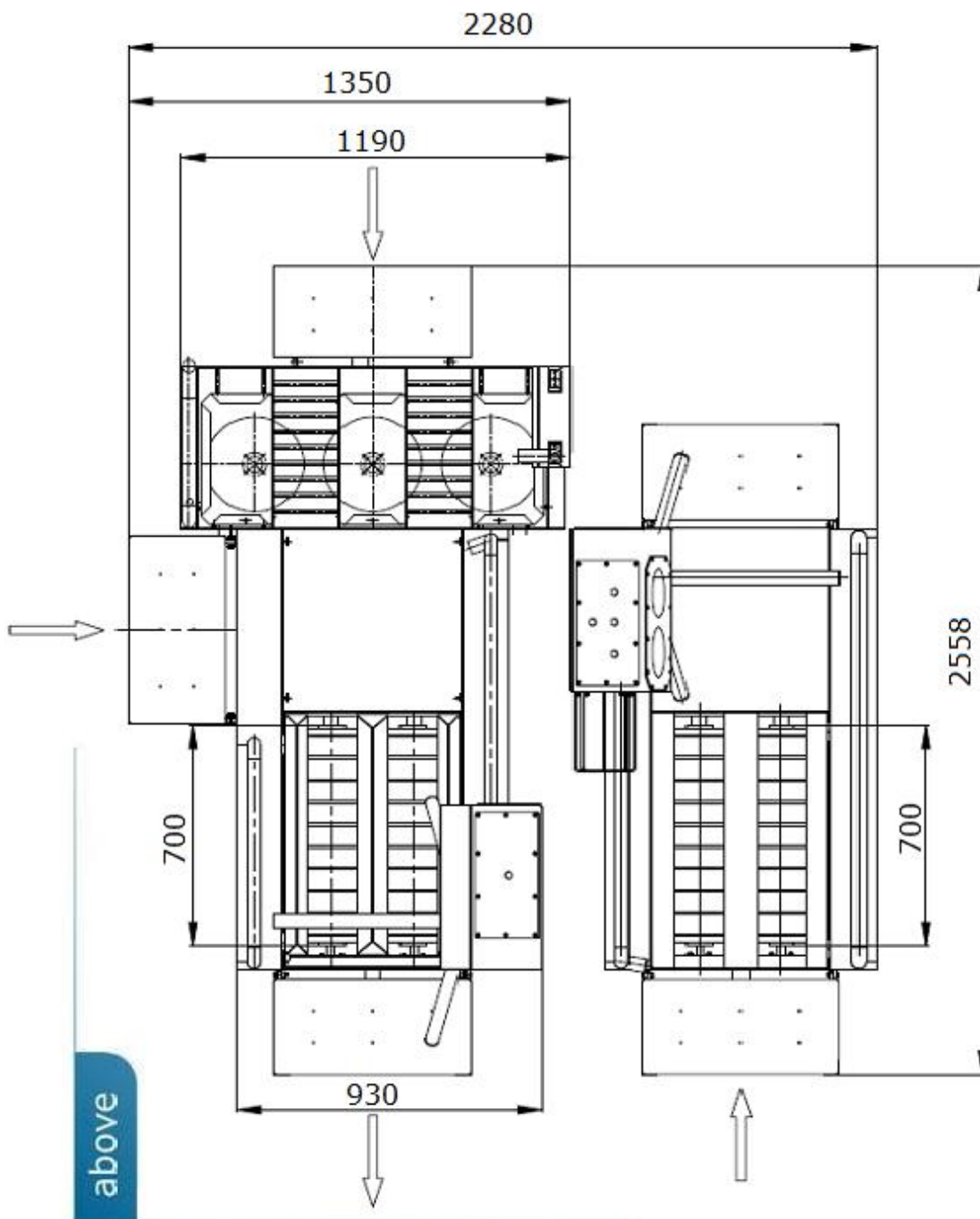
The compact hygiene station consists of the following basic modules:

Module 1 – pass-through machine for soles washing, disinfection of hands, turn-style.

Module 2 – pass through machine for boots washing.

Module 3 – pass through machine for washing of soles, turn-style.







COMPACT HYGIENE STATION WITH PASS-THROUGH (5 BRUSHES) BOOT CLEANING MACHINE 10.4021.00

The machine is designated for personal hygienic control when entering in and going out of working areas – cleaning of boots and disinfection of hands.

It consists of a hand disinfection unit with a turn style and pass-through boot cleaning machine.

The pass-through boot cleaning machine consists of five brushes with independent motor-gear each, injecting system of cleaning agent, automatic injector dosing of cleaning concentrate.

The photocell at the entrance switches on the brushes (cleaning time is adjustable).

When going out of working area, a second photocell unlocks the turn-style of turnover and switches on the brushes.

The station can be left or right execution.

The turn style rotation can be one-way.

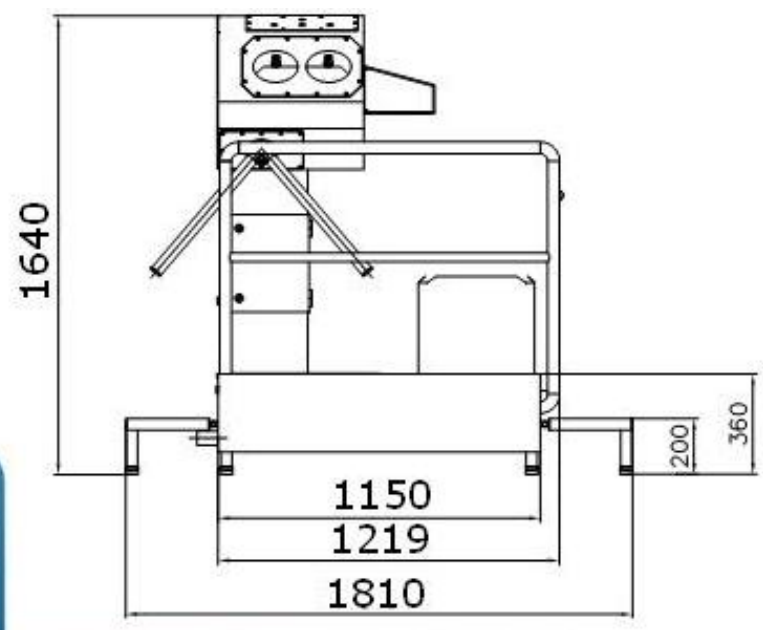
A programmable controller SIEMENS, allowing settings of operating modes in a wide range, is used for station control.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

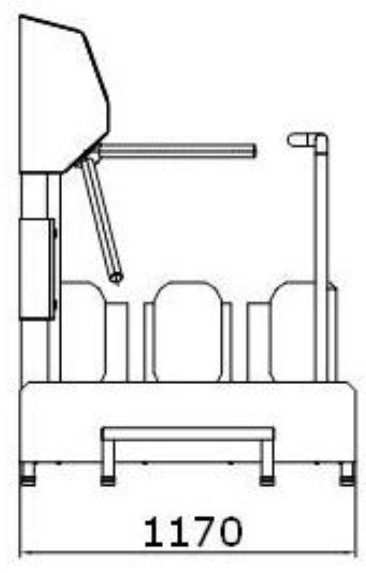
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



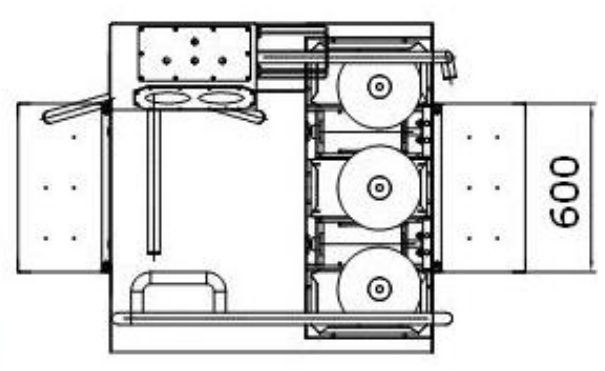
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 1.1
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~180
Passing time	sec	6-8

Dimensions:

Length of body (without steps)	mm	1150
Total length	mm	1810
Length of sole brushes	mm	300/Ø170
Height of boot brushes	mm	300/Ø280
Total width	mm	1170
Total height	mm	1640

10.4031.00
– with boot cleaning



10.4221.55
– with disinfection bath



COMPACT HYGIENE STATION WITH PASS-THROUGH BOOT CLEANING MACHINE

Art. No	10.2021.00	20.2020.00	10.4021.00	10.4020.00	10.4031.00	10.4221.55
Dimensions (L,W,H mm)	1810/1170/1640		1810/1170/1640		2558/1350/1585	2610/1190/1630
Hand disinfection unit/sink	yes/no		yes/no		yes/no	yes/no
Turn style/gate	yes/no		yes/no		yes/no	yes/no
Disinfection bath/drip-off zone	no/no		no/no		no/no	yes/yes
Brushes - soles length /boots height (mm)	2 300/3 300		2 300/3 300		2 700/3 300	no/3 300
One-way/two-ways	one-way		two-ways		two-ways	one-way
Execution left/right	right	left	right	left	right	right
Ground fixation/wall installation	yes/no		yes/no		yes/no	yes/no
Passing time (sec)	~ 8-10		~ 8-10		~ 12-14	~ 8-10
Instaled power (kW)	~1.1		~1.1		~1.2	~1
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous					with boot cleaning	with disinfection bath



COMPACT HYGIEN STATION WITH SOLE CLEANING MACHINE 10.4011.00

The machine is designated for personal hygienic control when entering in and going out of working areas – cleaning of soles and disinfection of hands.

It consists of a hand disinfection unit with a turn style and pass-through sole cleaning machine, integrated in a common body and control.

When entering in working area – a photocell on the entrance switches on the brushes (time for cleaning is adjustable).

The correct placing of both hands in the disinfectant unlocks the turn-style of turnover. When going out of working area, a second photocell unlocks the turn-style of turnover and switches on the brushes.

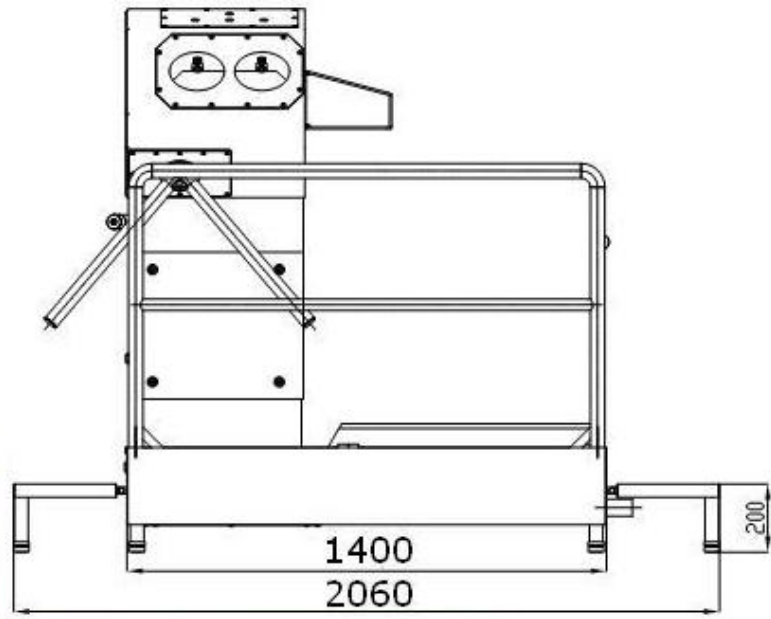
A programmable controller SIEMENS, which allows adjustment of working programs in a wide range, is used for station control.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

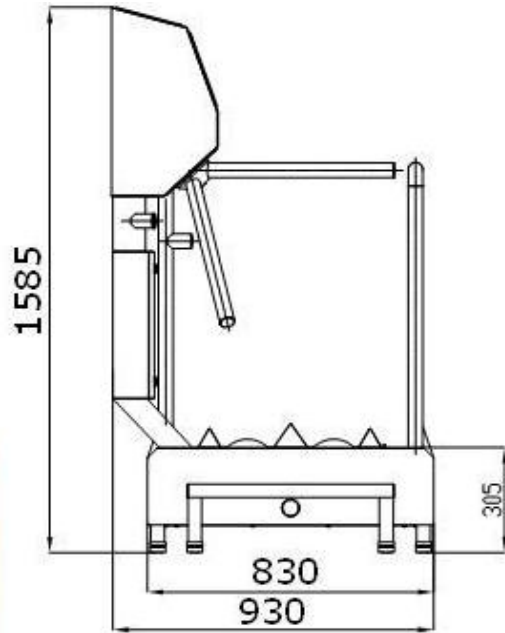
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



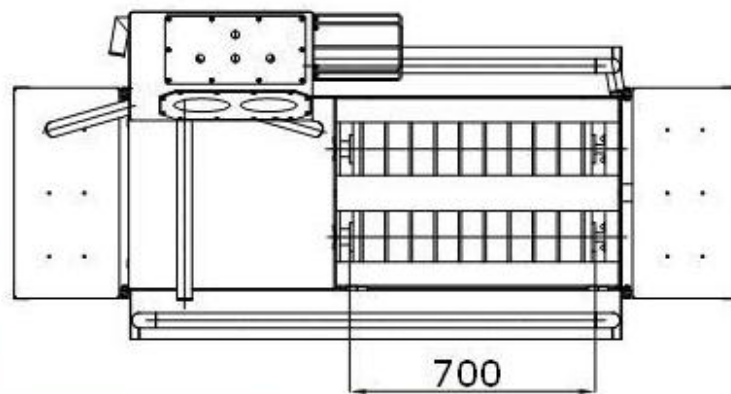
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.7
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~150
Passing time	sec	6

Dimensions:

Length of body (without steps)	mm	1400
Total length	mm	2060
Length of brushes	mm	700/Ø170
Width	mm	930
Height	mm	1585



10.4011.06
– brushes 600 mm



10.4011.04
– brushes 400 mm

10.2011.07
– with a cupboard for
detergents



10.4011.17
– brushes 1700 mm

COMPACT HYGIENE STATION WITH PASS-THROUGH SOLE CLEANING MACHINE

Art. No	10.2011.00	10.2010.00	10.4011.00	10.4010.00	10.4011.06	10.4010.06	10.4011.04	10.4010.04
Dimensions (L,W,H mm)	2060/930/1585		2060/930/1585		1660/930/1585		1426/930/1585	
Hand disinfection unit/sink	yes/no		yes/no		yes/no		yes/no	
Turn style/gate	yes/no		yes/no		yes/no		yes/no	
Disinfection bath/drip-off zone	no/no		no/no		no/no		no/no	
Brushes - soles length /boots height (mm)	2x700/no		2x700/no		2x600/no		2 400/no	
One-way/two-ways	one-way		two-ways		two-ways		two-ways	
Execution left/right	right	left	right	left	right	left	right	left
Installation - floor/wall	yes/no		yes/no		yes/no		yes/no	
Passing time (sec)	6-8		6-8		6-8		6-7	
Instaled power (kW)	~ 0,7		~ 0,7		~ 0,7		~ 0,6	
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50	

Art. No	10.2011.06	10.2010.06	10.4011.17	10.4010.17	10.2011.07	10.2010.07	10.4011.09	10.5011.16
Dimensions (L,W,H mm)	1660/930/1585		3030/955/1585		1660/930/1585		2060/930/1585	
Hand disinfection unit/sink	yes/no		yes/no		yes/no		yes/no	
Turn style/gate	yes/no		yes/no		yes/no		yes/no	
Disinfection bath/drip-off zone	no/no		no/no		no/no		no/no	
Brushes - soles length /boots height (mm)	2x600/no		2x1700/no		2x600/no		2x900/no	
One-way/two-ways	one-way		two-ways		one-way		two-ways	
Execution left/right	right	left	right	left	right	left	right	right
Installation - floor/wall	yes/no		yes/no		yes/no		yes/no	
Passing time (sec)	6-8		8-10		6-8		6-8	
Instaled power (kW)	~ 0,7		~ 1,2		~ 0,7		~ 0,7	
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50	
Miscellaneous					with a cupboard for detergents		with potential-free contact	
							without turn style, with relay for the gate	

10.4010.35
– with cleaning of soles
and their lateral part



10.4011.15
– brushes 1 000 mm
– with pump and
– tank for waste water

COMPACT HYGIENE STATION WITH PASS-THROUGH SOLE CLEANING MACHINE

Art. No	10.4011.35	10.4010.35	10.4011.15
Dimensions (L,W,H mm)	1330/975/1585		2330/980/1585
Hand disinfection unit/sink	yes/no		yes/no
Turn style/gate	yes/no		yes/no
Disinfection bath/drip-off zone	no/no		no/no
Brushes - soles length /boots height (mm)	yes/no		2 1000/no
One-way/two-ways	two-ways		two-ways
Execution left/right	right	left	right
Installation - floor/wall	yes/no		yes/no
Passing time (sec)	~ 6		~ 7
Instaled power (kW)	~ 0,5		~ 1
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	with cleaning of soles and their lateral part		with pump and tank for waste water



COMPACT HYGIEN STATION

WITH DISINFECTION BATH

10.4200.00

The machine is designated for personal hygienic control when entering in and going out of working areas – disinfection of sole and hands.

It consists of a hand disinfection unit with a turn style and active (automatic level support) sole disinfection bath with drip-off zone.

Entrance control – by hand disinfection unit.

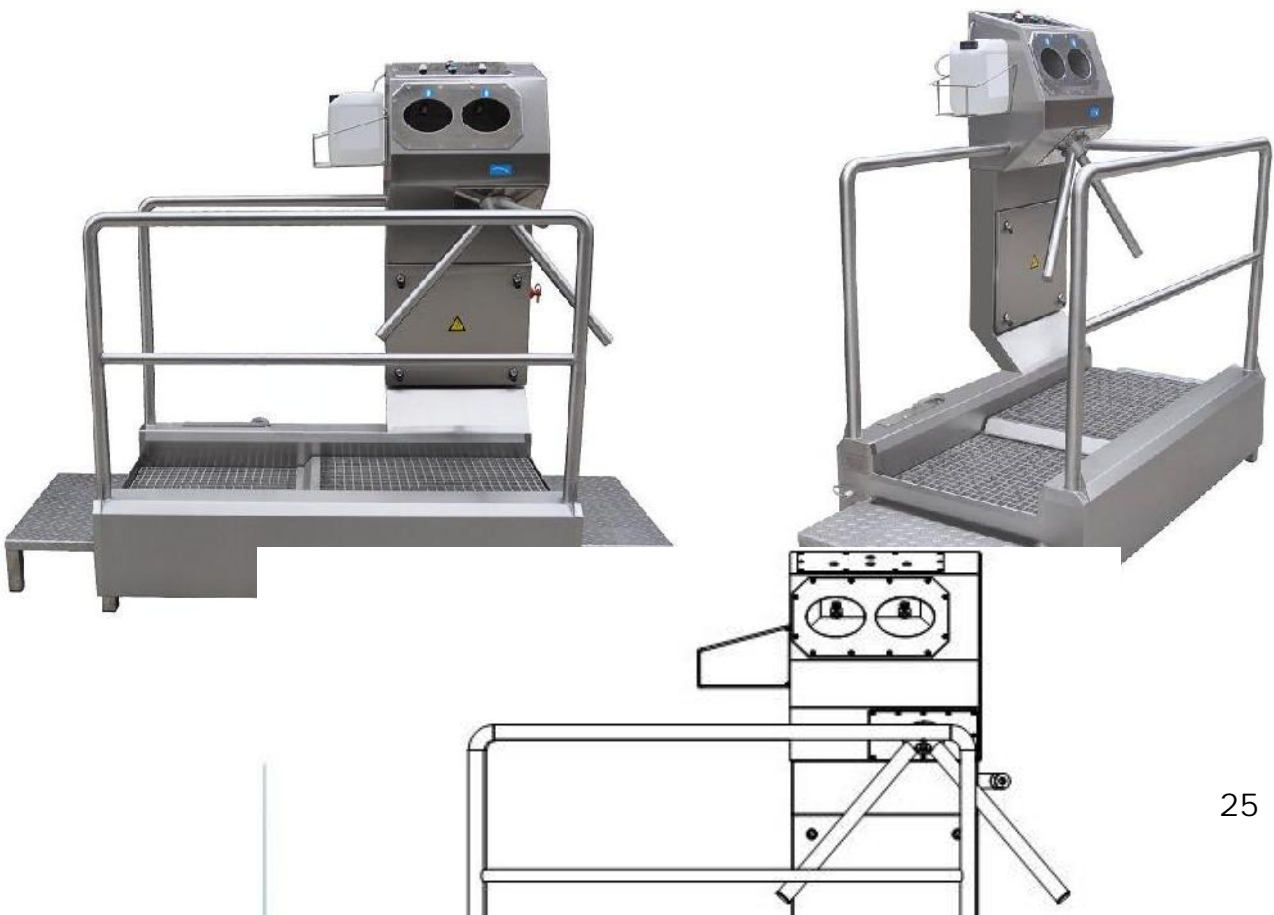
When entering in working area – the correct placing of both hands in the disinfector unlocks the turn style of turnover.

When going out of working area, a photocell unlocks the turn style of turnover. A programmable controller SIEMENS, which allows adjustment of working programs in a wide range, is used for station control.

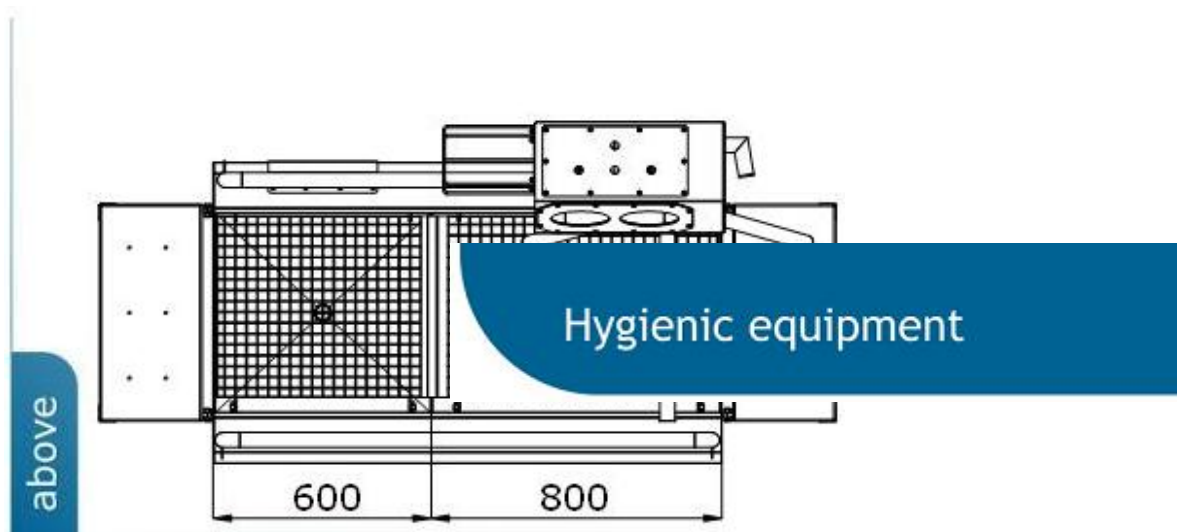
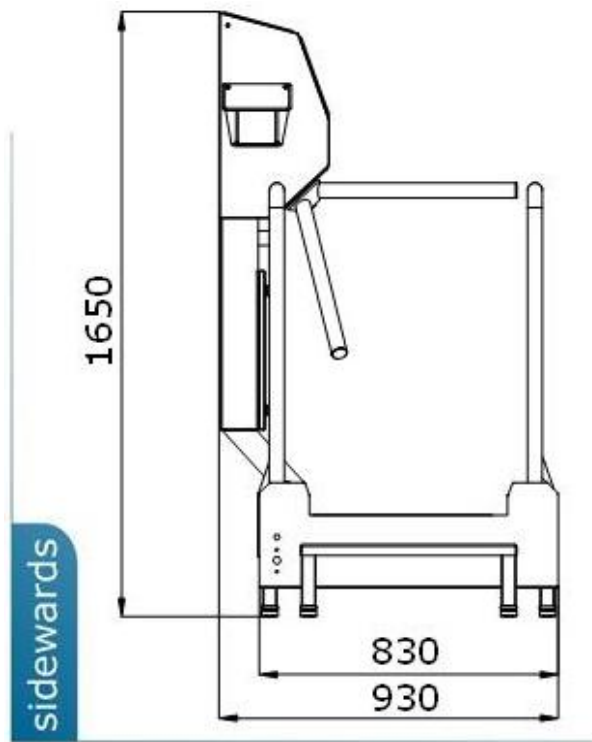
The station can be left or right execution. The turn style rotation can be one-ways (entrance only).

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



10.4200.00



Technical data:

Power supply	V/Hz	230/50
Control voltage	V	24 DC
Installed power	W	~ 140
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 155
Passing time	sec	~ 5

Dimensions:

Length of body (without steps)	mm	1400
Total length	mm	2027
Length of sole disinfection bath	mm	600
Length of drip-off zone	mm	800
Total width	mm	930
Total height	mm	1650

10.4311.11

- with 1100 mm brushes and
- disinfection bath



COMPACT HYGIENE STATION WITH SOLE DISINFECTON BATH

Art. No	10.4201.00	10.4200.00	10.2201.00	10.2200.00	10.4200.14
Dimensions (L,W,H mm)	2060/930/1650		2060/930/1650		2060/950/1650
Hand disinfection unit/sink	yes/no		yes/no		yes/no
Turn style/gate	yes/no		yes/no		yes/no
Disinfection bath/drip-off zone	yes/yes		yes/yes		yes/yes
Brushes - soles/boots (length of horizontal/height of vertical in mm)	no/no		no/no		no/no
One-way/two-ways	two-ways		one-way		two-ways
Execution left/right	right	left	right	left	left
Floor fixation/wall installation	yes/no		yes/no		yes/no
Passing time (sec)	~5		~5		~5
Instaled power (kW)	~0,14		~0,14		~0,14
Power supply - electricity/water/drain	230 V / 50 Hz min. 2 bar water drain DN50		230 V / 50 Hz min. 2 bar water drain DN50		230 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous					expanded body – inside are placed the detergents containers

Art. No	10.4200.72	10.4311.11	10.4311.31
Dimensions (L,W,H mm)	1830/930/1640	2830/960/1585	2425/960/1585
Hand disinfection unit/sink	yes/no	yes/no	yes/no
Turn style/gate	yes/no	yes/no	yes/no
Disinfection bath/drip-off zone	yes/yes	yes/no	yes/no
Brushes - soles/boots (length of horizontal/height of vertical in mm)	no/no	2 1100/no	2 700/no
One-way/two-ways	two-ways	two-ways	two-ways
Execution left/right	left	left	right
Floor fixation/wall installation	yes/no	yes/no	yes/no
Passing time (sec)	~5	~9	~9
Instaled power (kW)	~0,14	~0,9	~ 0.6
Power supply - electricity/water/drain	230 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	short body	with brushes	steps are made like a grid



COMPACT HYGIENE STATION WITH SINK 10.4212.00

The machine is designated for personal hygienic control when entering in and going out of working areas.

There is a guarantee hand washing before disinfection at entering in the working area.

The purpose of the hygienic station is to answer the increasing hands hygienic requirements to manufacture workers.

The whole process of entering in and going out may be controlled and programmed as a succession.

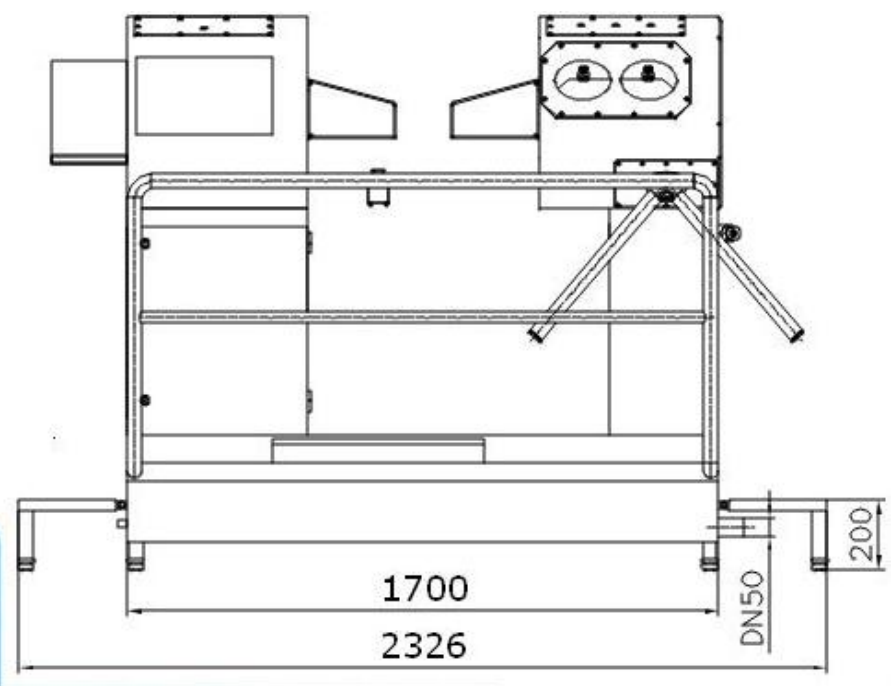
It consists of a sensor operated (photocell) hand sink with an automatic soap dispenser, hand disinfection unit with turn style, pass-through sole cleaning machine and active (automatic level support) sole disinfection bath.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

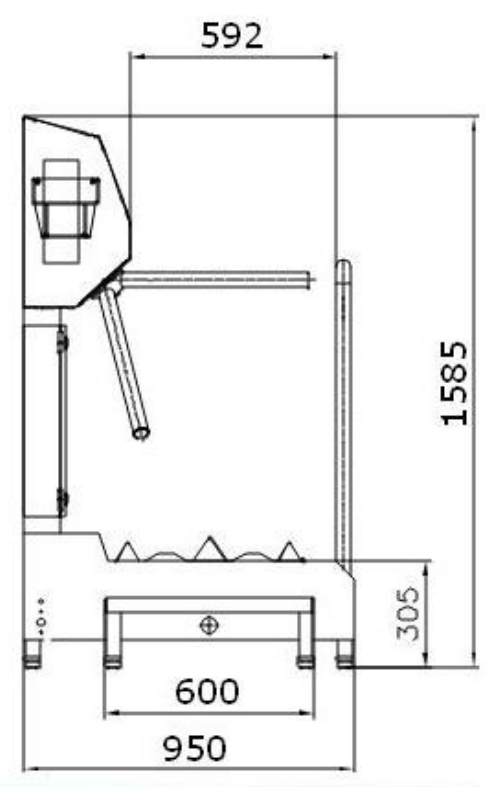
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



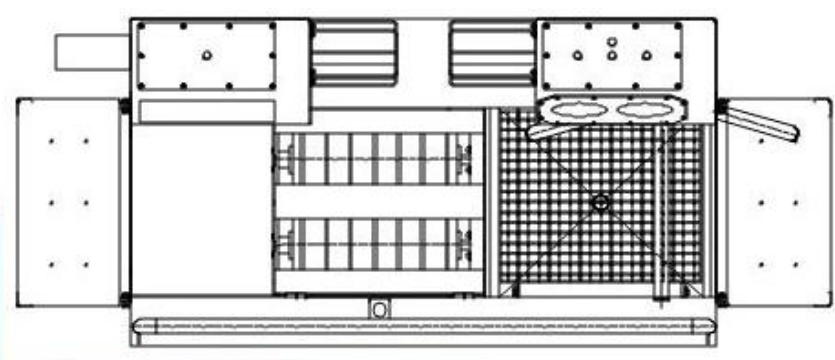
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.7
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~250
Passing time	sec	12 - 14

Dimensions:

Length of body (without steps)	mm	1700
Total length	mm	2326
Length of brushes	mm	500/Ø170
Width	mm	950
Height	mm	1585

10.4013.50
– brushes 500 mm



10.4212.00
– with towel dispenser and
– waste basket

10.4033.03
– sink
– hands dryer
– independant module
for boot cleaning





10.4013.55
– without turn style

10.4012.51
- without turn style
- step opposite of the sink



COMPACT HYGIENE STATION WITH SINK

Art. No	10.4212.00	10.4213.00	10.2212.00	10.2213.00	10.4012.00	10.4013.00	10.4012.50	10.4013.50
Dimensions (L,W,H mm)	2326/950/1585		2326/950/1585		2060/930/1585		1860/950/1585	
Hand disinfection unit/sink	yes/yes		yes/yes		yes/yes		yes/yes	
Turn style/gate	yes/no		yes/no		yes/no		yes/no	
Disinfection bath/drip-off zone	yes/no		yes/no		no/no		no/no	
Brushes - soles length /boots height (mm)	2 500/no		2 500/no		2 700/no		2 500/no	
One-way/two-ways	two-ways				two-ways		two-ways	
Execution left/right	left	right	left	right	left	right	left	right
Floor fixation/wall installation	yes/no		yes/no		yes/no		yes/no	
Passing time (sec)	~ 14-16		~ 14-16		~ 14-16		~ 12-14	
Instaled power (kW)	~0.9		~0.9		~0.7		~0.7	
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50		3x400 V / 50 Hz min. 2 bar water drain DN50	
Miscellaneous								

Art. No	10.4033.03	10.4012.53	10.4012.51	10.4013.55	10.4013.18
Dimensions (L,W,H mm)	2454/1483/1640	2050/950/1570	1860/950/1585	1826/950/1600	2125/1030/1570
Hand disinfection unit/sink	yes/yes	yes/yes	yes/yes	yes/yes	yes/yes
Turn style/gate	yes/no	yes/no	no/no	no/no	yes/no
Disinfection bath/drip-off zone	no/no	no/no	no/no	no/no	no/no
Brushes - soles length /boots height (mm)	2 700/3x300	2 500/no	2 500/no	2 500/no	2 1000/no
One-way/two-ways	two-ways	two-ways	two-ways	two-ways	two-ways
Execution left/right	right	left	left	right	right
Floor fixation/wall installation	yes/no	yes/no	yes/no	yes/no	yes/no
Passing time (sec)	~ 12-16	~ 12-16	~ 12-14	~ 12-14	~ 12-16
Instaled power (kW)	~1.3	~2.3	~0,7	~0,7	~2.3
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	empty space for hands drying; independant module for boot cleaning	empty space for hands drying; water entrance and exit is at the same side	without turn style, step opposite of the sink	without turn style	empty space for hands drying; all connections are at the same side



HAND DISINFECTION UNIT WITH TURN STYLE (TWO-WAYS, RIGHT EXECUTION, WALL INSTALLATION)

11.1102.00

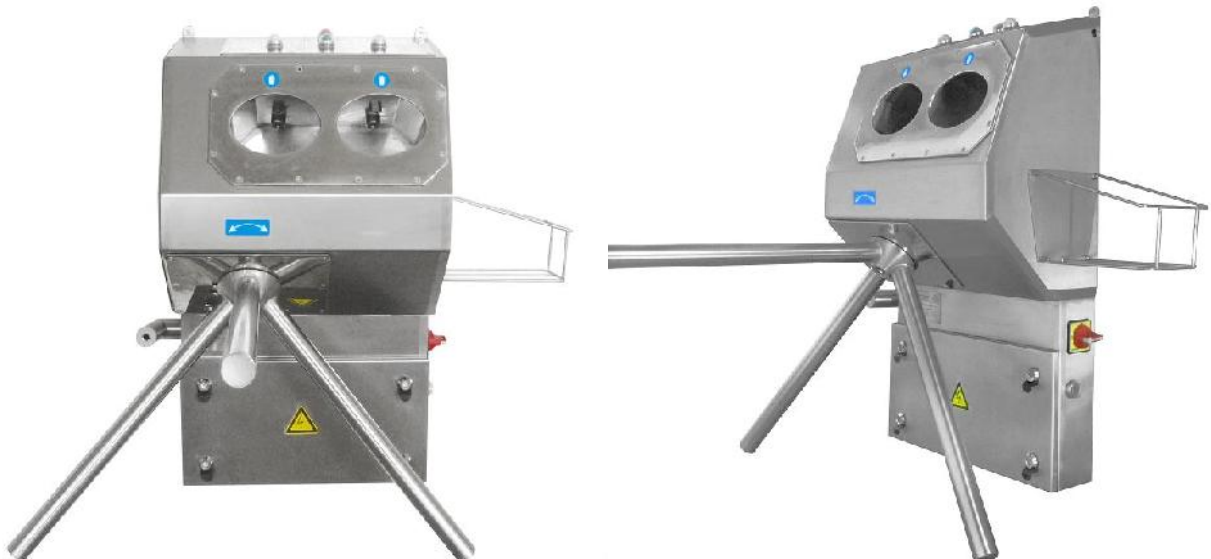
The machine is designated for personal hygienic control when entering in and going out of working areas.

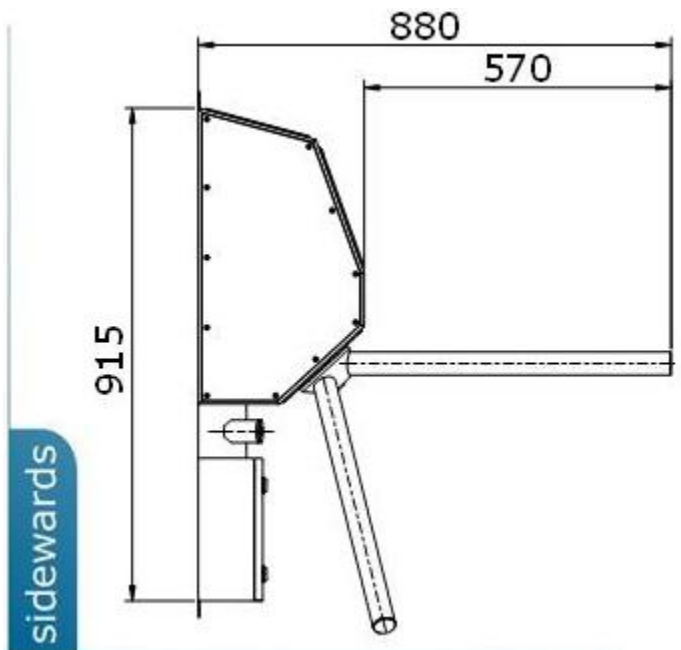
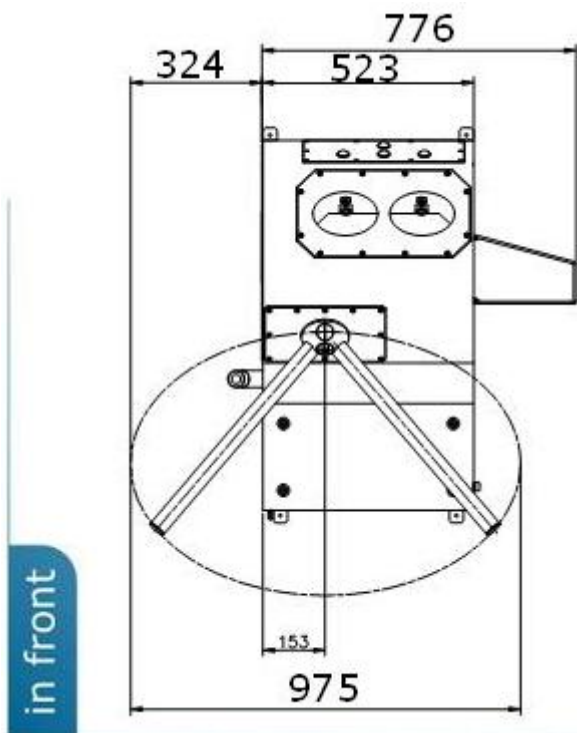
Activation by disinfection unit (entrance) and by photocell (unlock the turn style for exit). Disinfection process can be controlled by time.

The disinfector can be left or right execution, floor or wall mounted. Turn style rotation can be one-way (entrance only).

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

Power supply	V/Hz	230/50
Control voltage	V	24 DC
Installed power	W	~ 140
Weight	kg	52
Passing time	sec	~ 3

Dimensions:

Length of body (without turn style)	mm	523
Total length	mm	975
Width of the body	mm	310
Width	mm	880
Height	mm	915



11.1112.00
– with turn style
– floor fixation



11.0010.00
– without turn style
– floor fixation



11.1212.00
– with turn style
– floor fixation



11.0000.00
– without turn style
– wall fixation

HAND DISINFECTATION UNIT WITH TURN STYLE

Art. No	11.1102.00	11.1202.00	11.1112.00	11.1212.00	11.0010.00	11.0000.00
Dimensions (L,W,H mm)	975/880/915		975/880/1270		1270/798/545	770/798/545
Hand disinfection unit/sink	yes/no		yes/no		yes/no	yes/no
Turn style/gate	yes/no		yes/no		no/no	no/no
Disinfection bath/drip-off zone	no/no		no/no		no/no	no/no
Brushes - soles/boots (length of horizontal/height of vertical in mm)	no/no		no/no		no/no	no/no
One-way/two-ways	two-ways		two-ways		two-ways	two-ways
Execution left/right	right	left	right	left	-	-
Installation - floor/wall	no/yes		yes/no		yes/no	no/yes
Passing time (sec)	~ 3		~ 3		~ 3	~ 3
Instaled power (kW)	~ 0,14		~ 0,14		~ 0.1	~ 0.1
Power supply - electricity/water/steam/compressed air/drain	230 V / 50 Hz min. 2 bar water drain DN50		230 V / 50 Hz min. 2 bar water drain DN50		230 V / 50 Hz min. 2 bar water drain DN50	230 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous					without turn style	without turn style



TURN STYLE (SWING ARMS, ONE-WAY, RIGHT EXECUTION, WALL INSTALLATION) 15.2111.00

This device is designated for controlled passing of when entering into a working area.

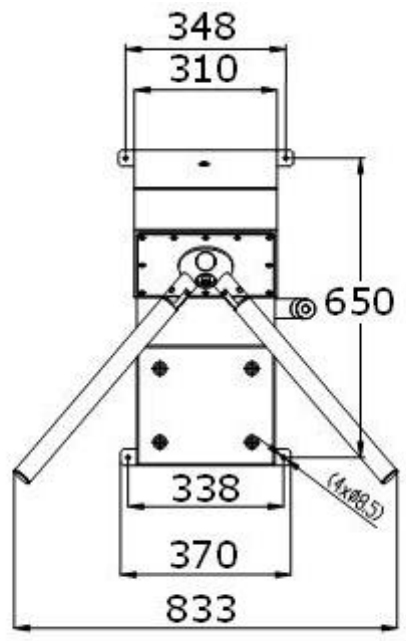
The turn style can be successfully used in emergency situations thanks to the "swing arms" effect.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



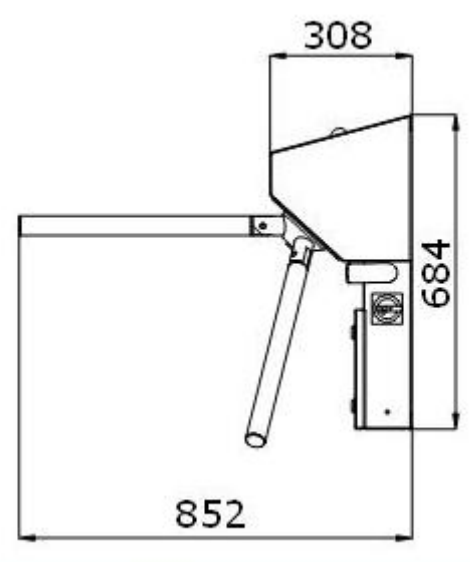
in front



sidewards



sidewards



Technical data:

Power supply	V/Hz	230/50
Control voltage	V	24 DC
Installed power	kW	~ 0.06
Type of protection	IP	65
Weight	kg	14
Passing time	sec	~ 6

Dimensions:

Length of body (without turn style)	mm	370
Total length	mm	833
Width of the body	mm	308
Width	mm	852
Height	mm	650

15.0111.00
– with photo cell
– wall installation



15.1002.00
– mechanical
– floor fixation



15.3124.00
– magnetic card
– twin pass



TURN STYLE

Art. No	15.2111.00	15.2113.00	15.3111.00	15.3113.00	15.0111.00	15.0113.00
Dimensions (L,W,H mm)	833/852/650		833/852/1270		810/830/710	
Hand disinfection unit/sink	no/no		no/no		no/no	
Turn style/gate	yes/no		yes/no		yes/no	
Disinfection bath/drip-off zone	no/no		no/no		no/no	
Brushes - soles/boots (length/height in mm)	no/no		no/no		no/no	
One-way/two-ways	one-way		one-way		one-way	
Execution right/left	right	left	right	left	right	left
Installation - floor/wall	no/yes		yes/no		no/yes	
Instaled power (kW)	~ 0,06		~ 0,06		~ 0,06	
Power supply - electricity/water/steam/compressed air/drain	230 V/50 Hz		230 V/50 Hz		230 V/50 Hz	
Miscellaneous	swing arms		swing arms			

Art. No	15.1002.00	15.0001.00	15.3124.00
Dimensions (L,W,H mm)	833/810/958	810/830/710	1140/1324/1058
Hand disinfection unit/sink	no/no	no/no	no/no
Turn style/gate	yes/no	yes/no	yes/no
Disinfection bath/drip-off zone	no/no	no/no	no/no
Brushes - soles/boots (length/height in mm)	no/no	no/no	no/no
One-way/two-ways	two-ways	one-way	one-way
Execution left/right	left	right	doble
Installation - floor/wall	yes/no	no/yes	yes/no
Instaled power (kW)	-	-	0.06
Power supply - electricity/water/steam/compressed air/drain	-	-	230 V/50 Hz
Miscellaneous	mechanical	mechanical	magnetic card, swing arms, doble



PASS-THROUGH SOLE CLEANING MACHINE- SPECIAL EXECUTION 12.0013.12

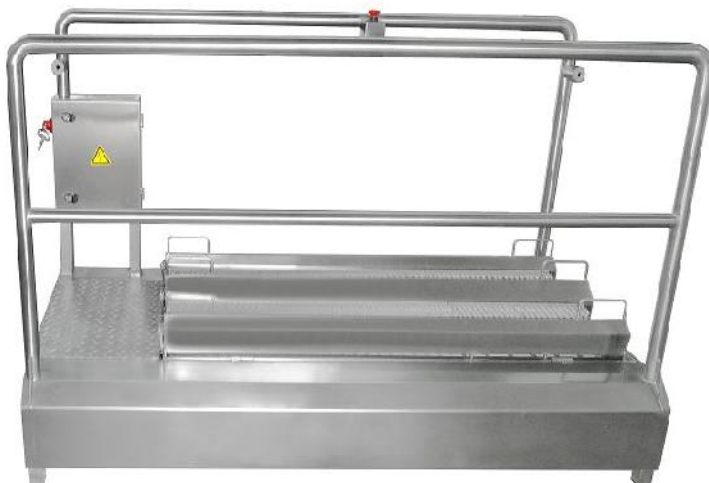
The machine is designated for soles cleaning when entering in or going out of working areas.

It consists of two rotating brushes (length of cleaning area 1300mm) with independent motor-gears, four fixed brushes (length 1300mm, longitudinal placed), a corpus with steps and parapets, injecting system of washing agent, automating injector dosing of washing concentrate, control block.

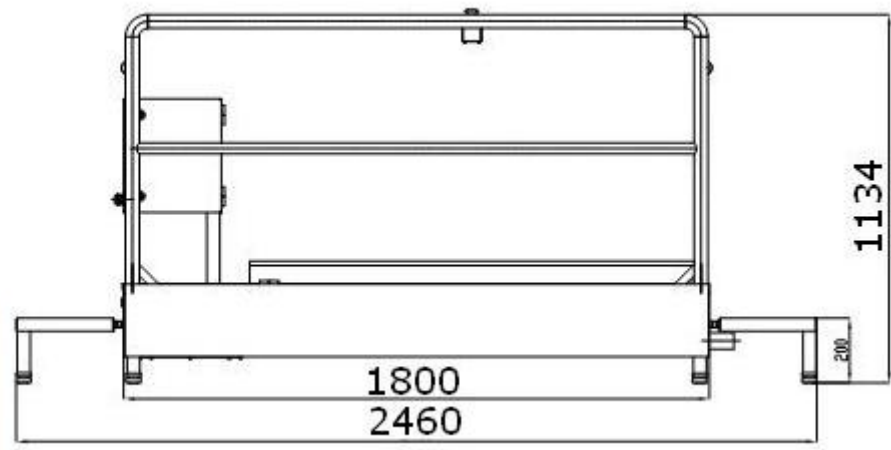
The cleaning process is controlled by two photocells (one of them switchable).

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

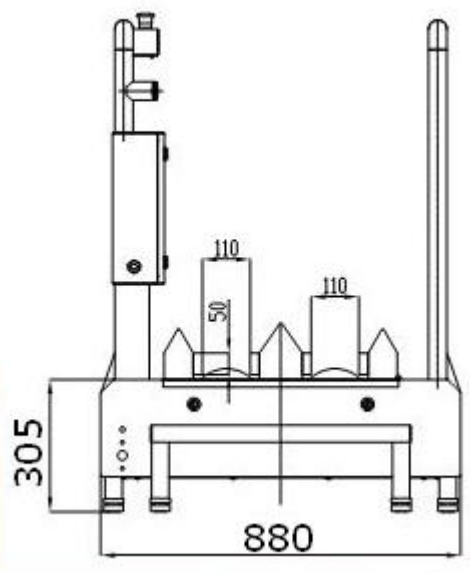
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



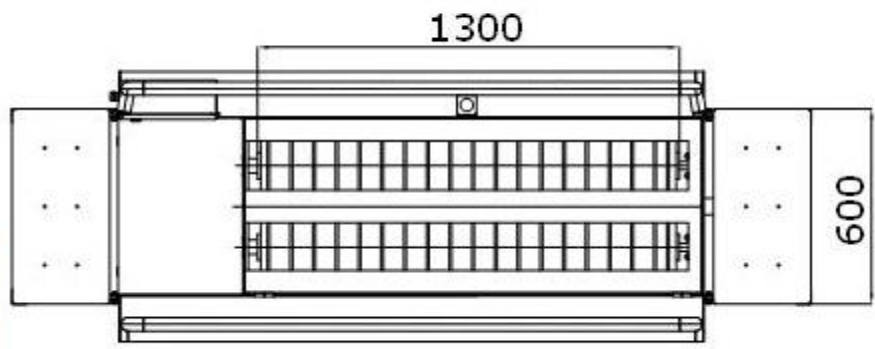
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.8
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~130
Passing time	sec	7 - 8

Dimensions:

Length of body (without steps)	mm	1800
Total length	mm	2460
Length of brushes	mm	1300
Width	mm	880
Height	mm	1134



PASS-THROUGH SOLE CLEANING MACHINES 12.0050.00 AND 12.0070.00

The machines are designated for cleaning of soles to the entering in and going out of working area.

Consists of two brushes (length of cleaning area 500 mm or 700 mm) with independent motor-gear each, corpus with stairs and parapets, injecting system of washing agent, automating injector dosing of washing concentrate, control block.

The machines are activated by photocell at the entrance.

Cleaning process can be controlled by time or by second photocell at the exit.

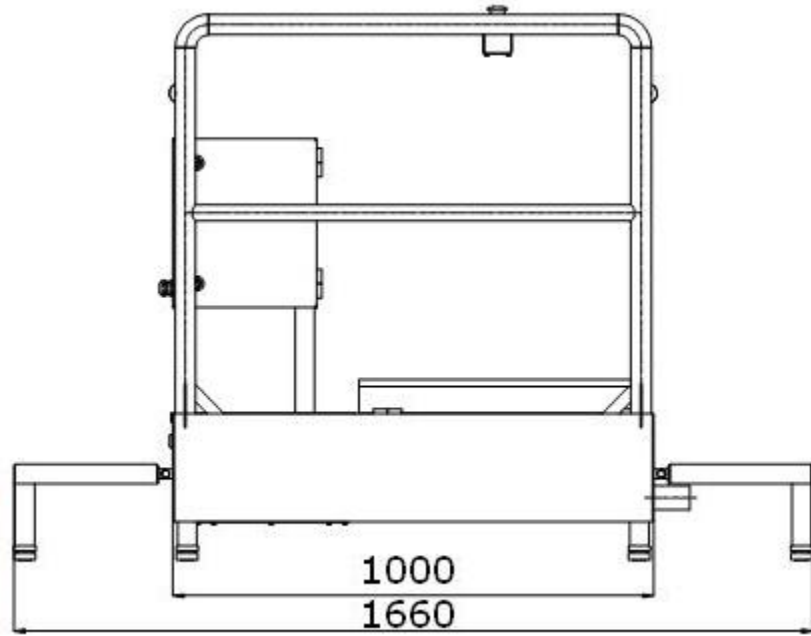
At the exit can be integrate gate or turnstile.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

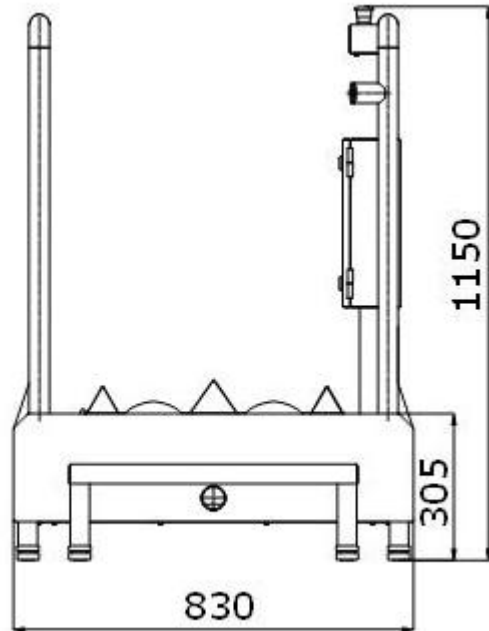
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



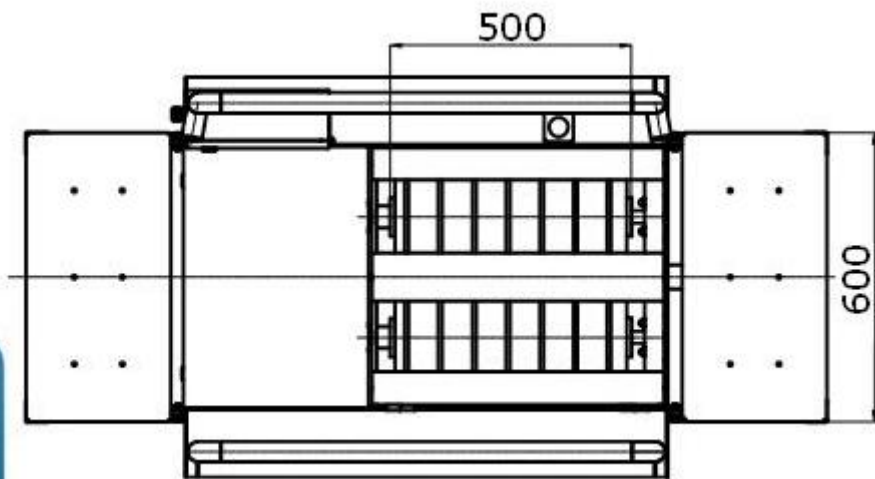
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.6
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 60 / 75
Passing time	sec	~ 5

Dimensions:

Length of body (without steps)	mm	1000 / 1200
Total length	mm	1660 / 1860
Length of brushes	mm	500 / 700 / Ø170
Width	mm	830
Height	mm	1134



PASS-THROUGH SOLE CLEANING MACHINE WITH TURN STYLE 12.0170.00

The machine is designated for soles cleaning when entering into working areas.

It consists of two brushes (length of cleaning area 700mm) with an independent motor-gear each, a corpus with steps and parapets, injecting system of washing agent, automating injector dosing of washing concentrate, control block.

There is one-way turn style added over the electrical control board. The cleaning process is controlled by a photocell (at the entering).

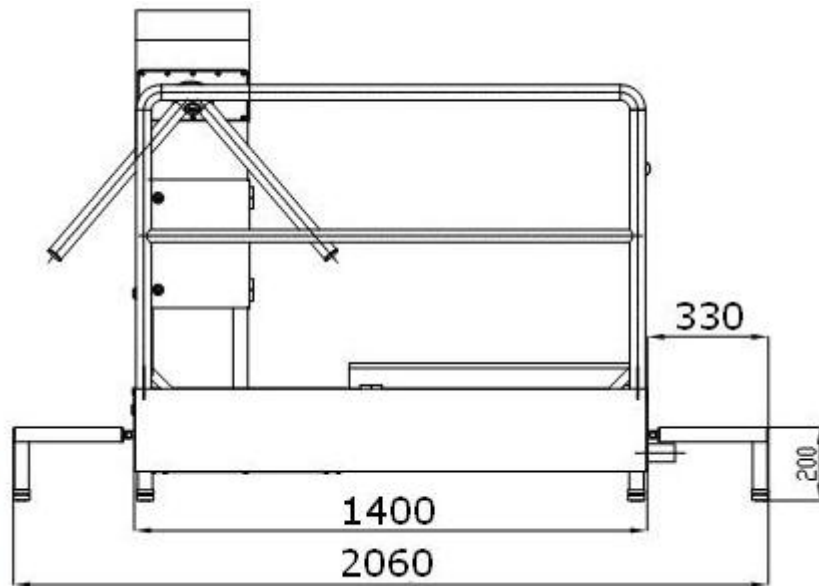
The machine can be right or left execution.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

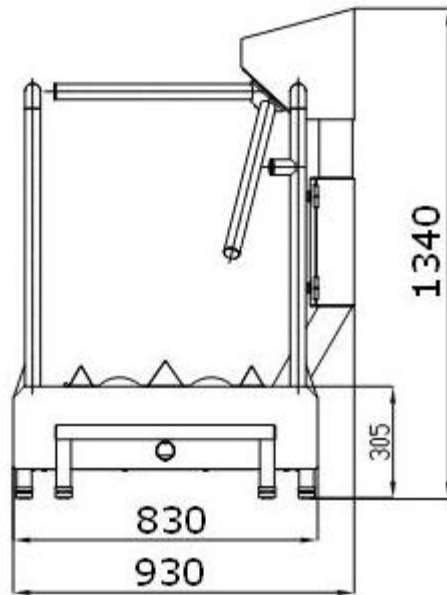
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



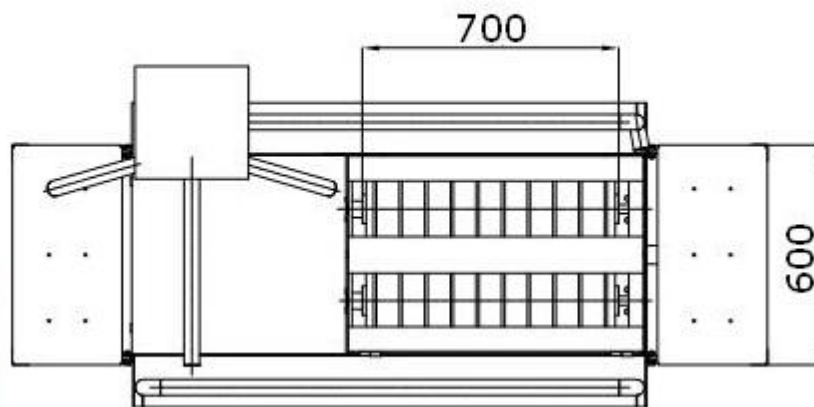
in front



sidewards



above



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.7
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 80
Passing time	sec	5-6

Dimensions:

Length of body (without steps)	mm	1400
Total length	mm	2060
Length of brushes	mm	700/Ø170
Width	mm	930
Height	mm	1340



12.0050.00
– with side entrance



12.0010.12
– with brushes for
lateral soles cleaning



12.0170.00
– with turn style



12.0100.00
– non passing



12.0100.14
– non passing
– with holder and feet



12.0100.00
– non passing
– with holder
– additional brush



NON-PASSING SOLES CLEANING MACHINE 12.0100.14

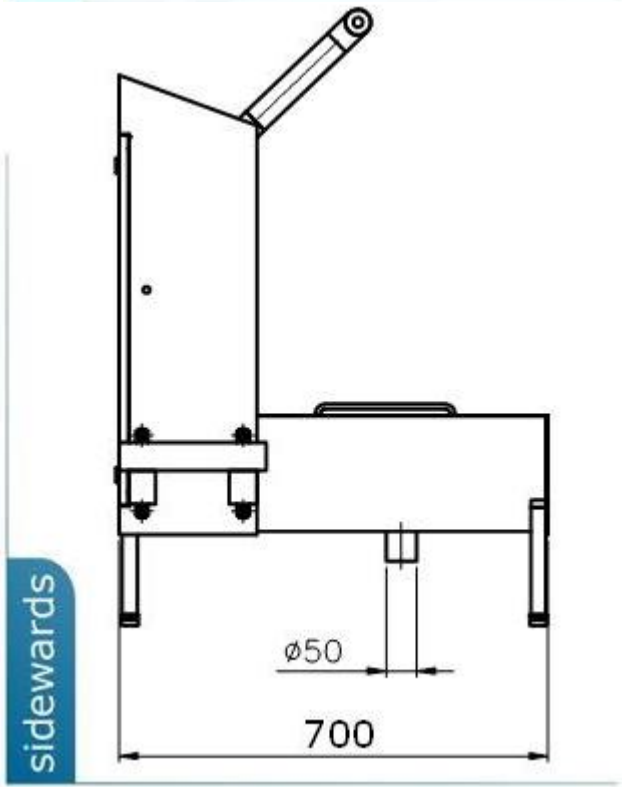
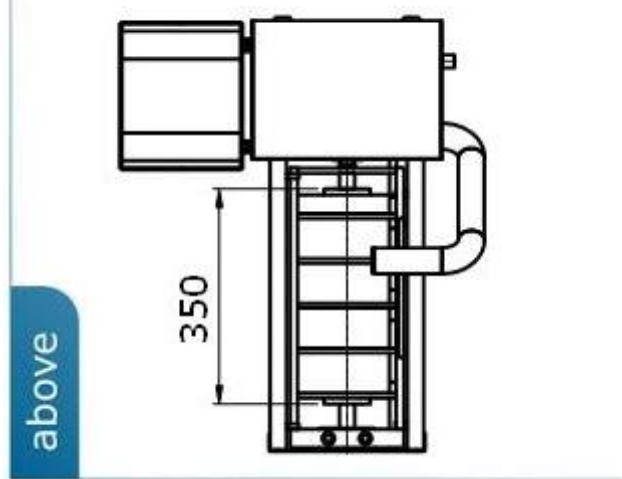
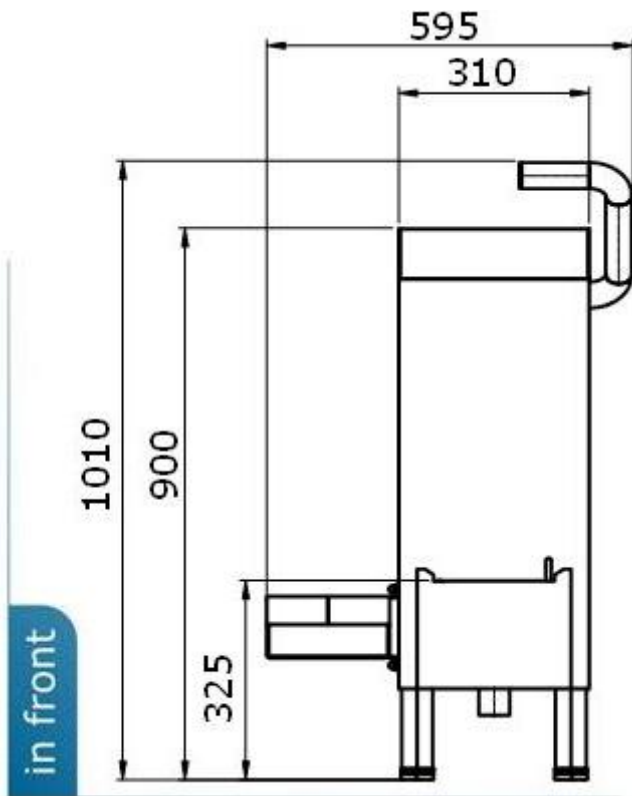
The machine is designated for single soles cleaning when entering into or going out of working areas.

It consists of one brush with a motor-gear, injecting system of washing agent, automatic injector dosing of washing concentrate.

The machine is activated by a sensor button.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.





Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.25
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	65
Passing time	sec	4-5

Dimensions:

Length	mm	700
Length of brush	mm	350/Ø170
Width	mm	595
Height	mm	1010

SOLE CLEANING MACHINE

Art. No	12.0050.00	12.0070.00	12.0050.00	12.0013.12	12.0010.12
Dimensions (L,W,H mm)	1660/830/1134	1860/830/1134	1330/1160/1134	2460/880/1134	2160/880/1134
Hand disinfection unit/sink	no/no	no/no	/	no/no	no/no
Turn style/gate	no/no	no/no	/	no/no	no/no
Disinfection bath/drip-off zone	no/no	no/no	/	no/no	no/no
Brushes - soles length /boots height (mm)	2 500/no	2 700/no	2 500/	2 1300/no	2 1000/no
One-way/two-ways	two-ways	two-ways		two-ways	two-ways
Pass-through/non-passing	pass-through	pass-through		pass-through	pass-through
Floor fixation/wall installation	yes/no	yes/no	/	yes/no	yes/no
Passing time (sec)	~ 4-5	~ 4-5	~ 4-5	~8	~8
Instaled power (kW)	~ 0.6	~ 0.6	~ 0.6	~ 0.8	~ 0.8
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous			with side entrance	fixed brushes for lateral soles cleaning	fixed brusher for lateral soles cleaning

Art. No	12.0100.00	12.0070.35	12.0100.00	12.0100.14	12.0170.00
Dimensions (L,W,H mm)	700/260/884	3500/930/1135	700/595/1010	700/595/1010	2060/930/1340
Hand disinfection unit/sink	no/no	no/no	no/no	no/no	no/no
Turn style/gate	no/no	no/no	no/no	no/no	yes/no
Disinfection bath/drip-off zone	no/no	no/no	no/no	no/no	no/no
Brushes - soles length /boots height (mm)	1x350/no	2 1750/no	1x350/no	1x350/no	2 700/no
One-way/two-ways	one-way	two-ways	one-way	one-way	one-way
Pass-through/non-passing	non-passing	pass-through	non-passing	non-passing	pass-through
Floor fixation/wall installation	yes/no	yes/no	yes/no	yes/no	yes/no
Passing time (sec)	~ 4-5	~ 5-6	~ 4-5	~ 4-5	~ 5
Instaled power (kW)	~ 0.25	~ 0,6	~ 0.25	~ 0.25	~ 0.6
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	non-passing	long body, platforms at both sides	non-passing, with holder and additional brush	non-passing, with holder and feet	with turn style



PASS-THROUGH (5 BRUSHES) BOOT CLEANING MACHINE WITH TURN STYLE 12.1200.00

The machine is designated for personal hygienic control when entering in the working area.

It consists of a pass-through boot cleaning machine and one-way turn style.

The pass-through boot cleaning machine consists of five brushes with an independent motor-gear each, a corpus with steps and parapets, injecting system of washing agent, automatic injector dosing of washing concentrate, control block.

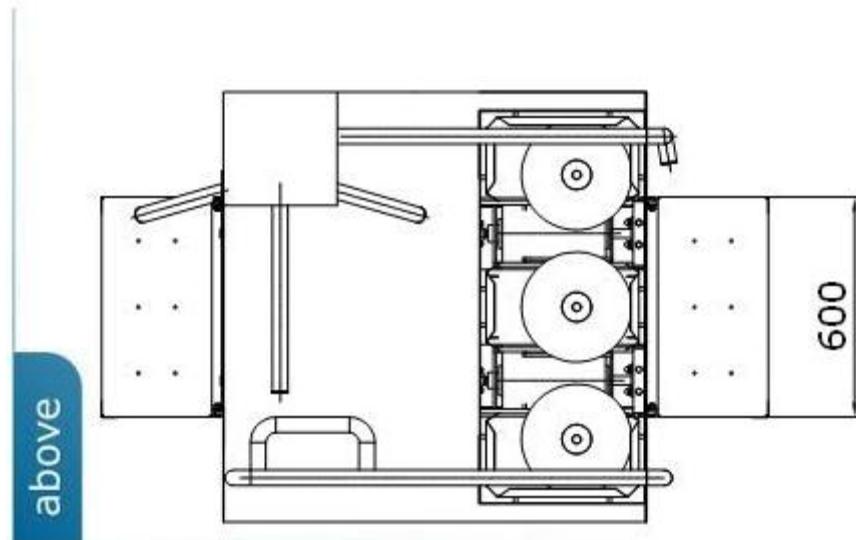
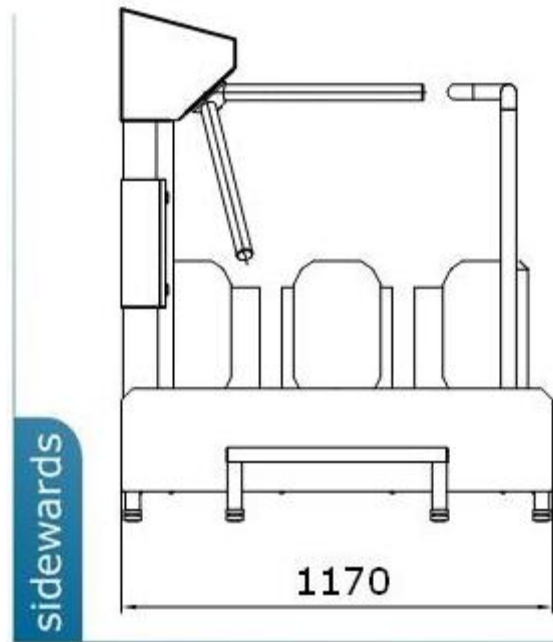
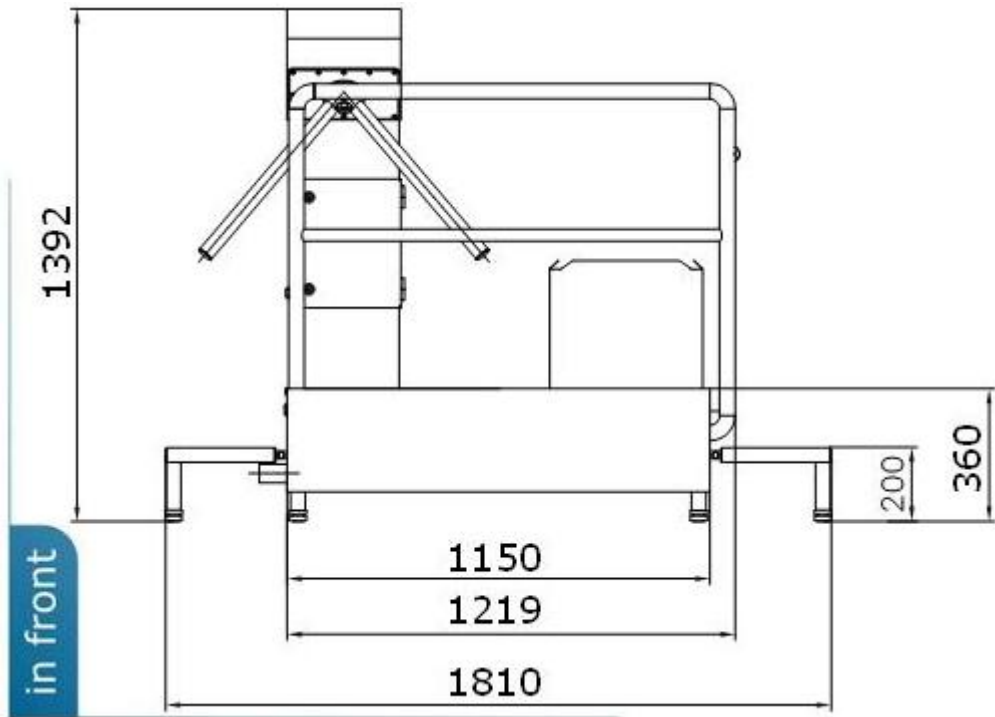
A photocell at the entrance switches on the brushes (cleaning time is adjustable).

The station can be left or right execution.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

Power supply	V/Ph/Hz	400/50
Control voltage	V	24DC
Installed power	kW	~ 1.2
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 170
Passing time	sec	6-8

Dimensions:

Length of body (without steps)	mm	1150
Total length	mm	1810
Length of sole brushes	mm	300/Ø170
Height of boot brushes	mm	300/ Ø280
Width	mm	1170
Height	mm	1392



PASS-THROUGH BOOT CLEANING MACHINE 12.1000.00

The machine is designated for boots cleaning when entering in or going out of working areas.

It consists of five brushes with an independent motor-gear each, a corpus with steps and parapets, injecting system of washing agent, automatic injector dosing of washing concentrate, control block.

The machine is activated by a sensor button.

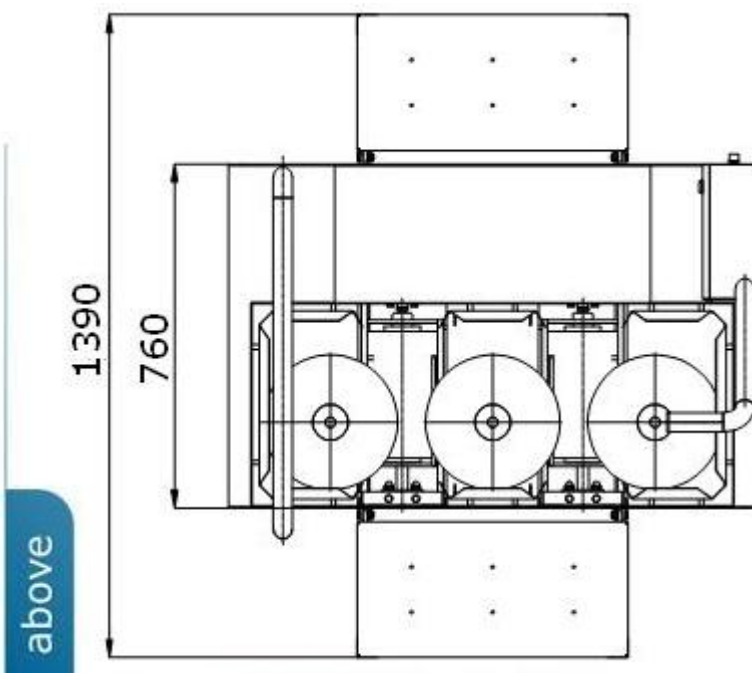
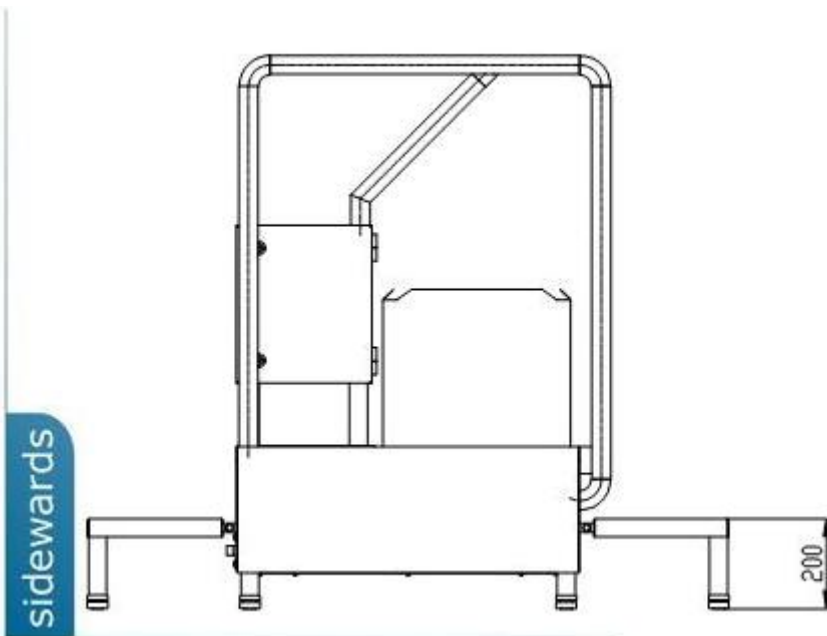
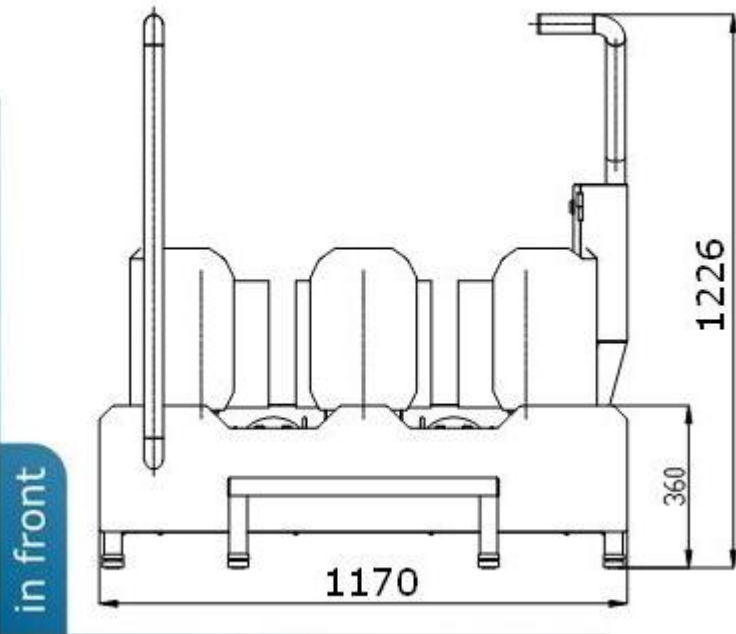
The cleaning process is controlled by time or by a sensor button.

A gate or turn style can be integrated at the exit.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24 DC
Installed power	kW	~ 1.2
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 120
Passing time	sec	5-6

Dimensions:

Length of body (without steps)	mm	760
Total length	mm	1390
Length of sole brushes	mm	300/Ø170
Height of boot brushes	mm	300/ Ø280
Width	mm	1170
Height	mm	1226



NON-PASSING BOOT CLEANING MACHINE 12.1100.00

The machine is designated for boots cleaning when entering into or going out of working area.

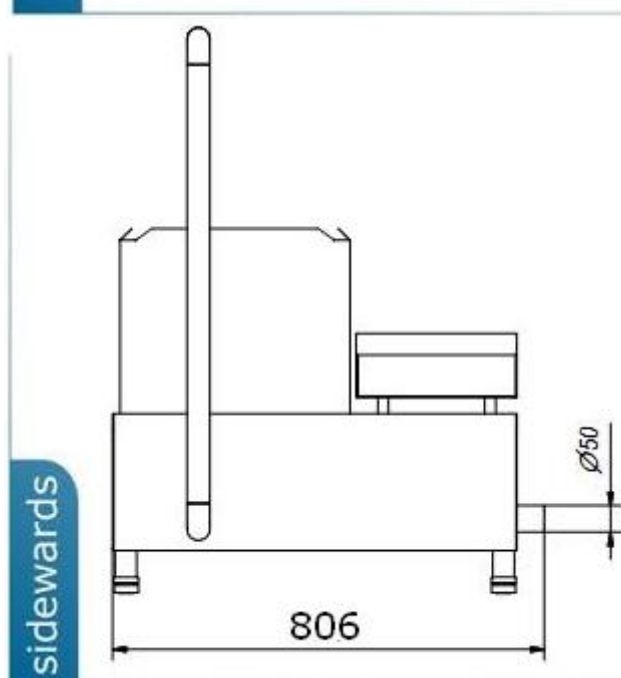
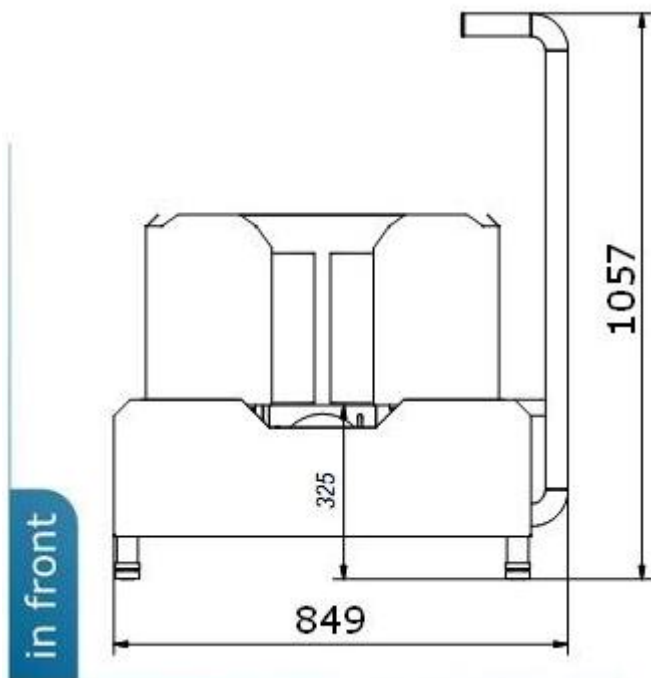
It consists of three brushes with an independent motor-gear each, injecting system of washing agent, automatic injector dosing of washing concentrate.

The machine is activated by a sensor button.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24 DC
Installed power	kW	~ 0.6
Type of protection	IP	65
Water supply	bar	min 2
Water outlet	mm	Ø50
Weight	kg	~ 65
Passing time	sec	5-6

Dimensions:

Length	mm	849
Length of horizontal brushes	mm	300/Ø170
Height of vertical brushes	mm	300/ Ø280
Width	mm	806
Height	mm	1057

12.2070.01
 – pass-through
 – with sole and
 boot cleaning



BOOT CLEANING MACHINES

Art. No	12.1000.00	12.1100.00	12.1200.00	12.2070.01
Dimensions (L,W,H mm)	1390/1170/1226	849/806/1057	1810/1170/1392	2545/1315/1135
Hand disinfection unit/sink	no/no	no/no	no/no	no/no
Turn style/gate	no/no	no/no	yes/no	yes/no
Disinfection bath/drip-off zone	no/no	no/no	no/no	no/no
Brushes - soles/boots (length of horizontal/height of vertical in mm)	2 300/3 300	1 300/2 300	2 300/3 300	2 700/3 300
One-way/two-ways	two-ways	one-way	one-way	two-ways
Pass-through/non-passing	pass-through	non-passing	pass-through	pass-through
Installation - floor/wall	yes/no	yes/no	yes/no	yes/no
Passing time (sec)	~ 4-6	~ 4	~ 6	~ 4-8
Instaled power (kW)	~ 1.2	~ 0.6	~ 1.2	~ 1.2
Power supply - electricity/water/steam/compressed air/drain	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50	3x400 V / 50 Hz min. 2 bar water drain DN50
Miscellaneous	2 horizontal and 3 vertical brushes	1 horizontal and 2 vertical brushes	2 horizontal and 3 vertical brushes	2 horizontal and 3 vertical brushes



APRON WASHING MACHINE 12.4000.00

Designated for rubber aprons washing.

Equipped with all protection elements, two opposite cleaning brushes and an injector for washing preparation.

Automatic start with 2 photocells.
Apron is placed on the top of the machine.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



Technical data:

Power supply	V/Ph/Hz	400/3/50
Control voltage	V	24DC
Installed power	kW	~ 0.8
Water supply	bar	min 2
Water outlet	R"	1 ¼

Dimensions:

Length	mm	1690
Width	mm	445
Height	mm	815



WASHING PLACE FOR BOOTS AND APRONS 12.8310.00

Designated for aprons and boots washing – by jet pistol.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.



Technical data/Dimensions:

Length	mm	1190
Width	mm	638
Height	mm	2025
Water outlet	"	1 ½



KNEE-VALVE OPERATED SINK 13.1010.00

Sink – with knee valve (button) or photo cell.

Execution – installation on the floor on legs or wall.

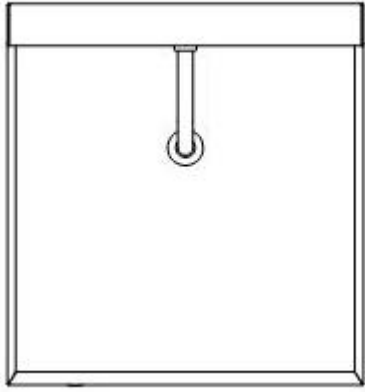
Compact, very strong construction (our development) – sink is made of two details with two weld joints.

We use French, German and Italian accessories and wide range of soap and towel dispensers (options).

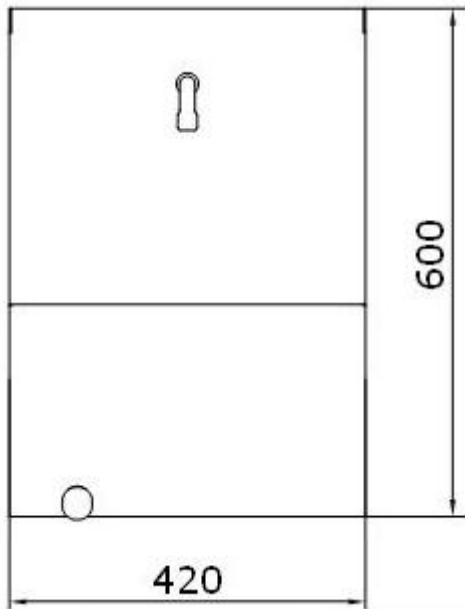
We can offer unique execution with accessories of French company DELABIE with 10 years guarantee.



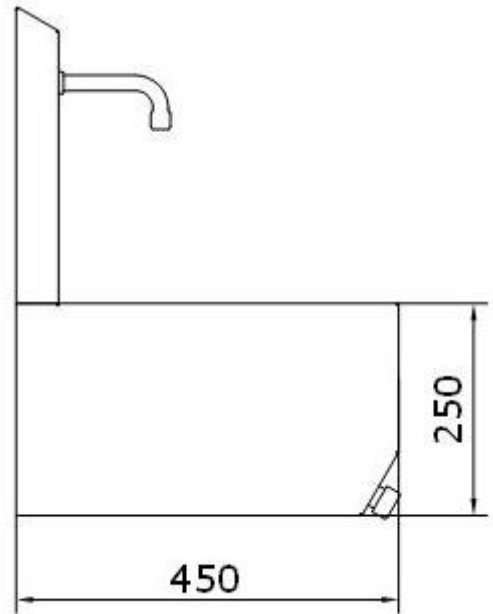
above



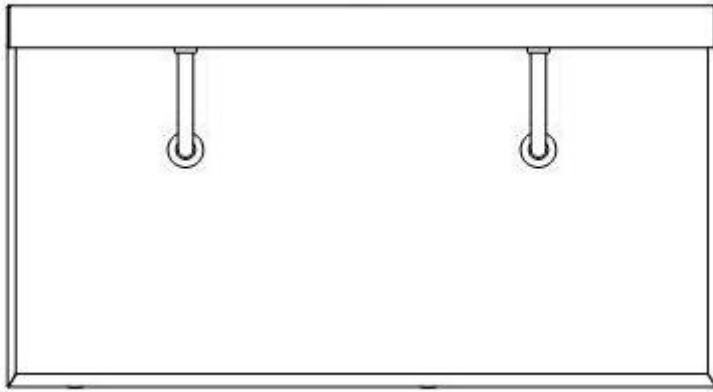
in front



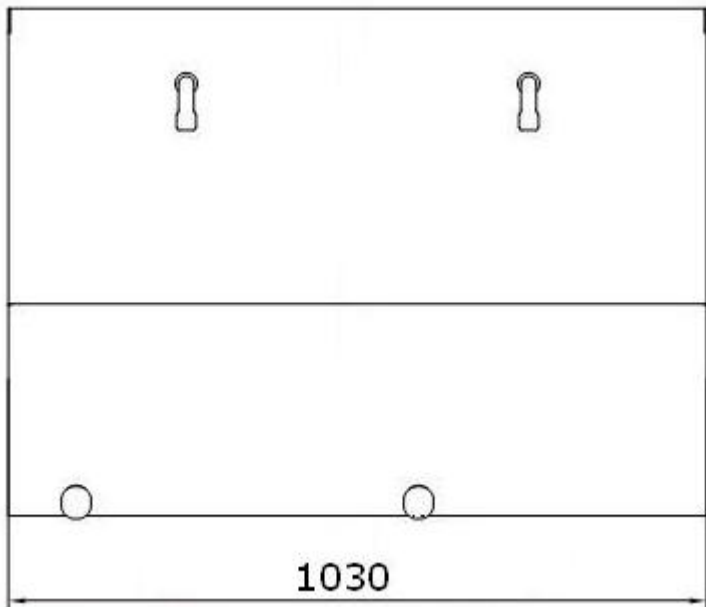
sidewards



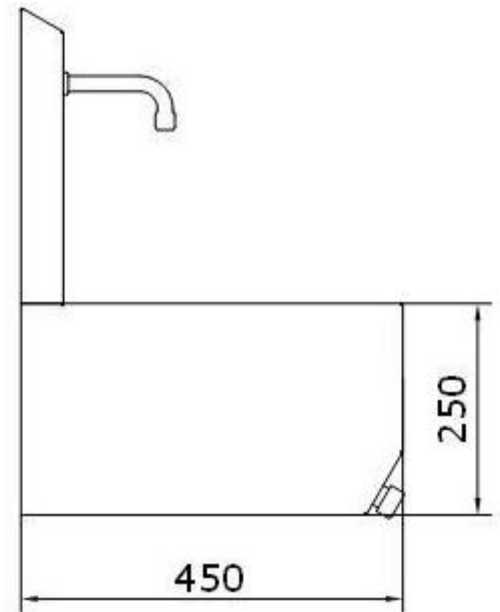
above



in front



sidewards





We offer standard and optional equipment depending on our customers' needs and requirements.





THREE-POSITIONED SINK WITH PHOTO CELL 13.3100.00

Sink – with photo cell or knee valve (button).

Execution – installation on the floor on legs or wall.

Compact, very strong construction (our development).

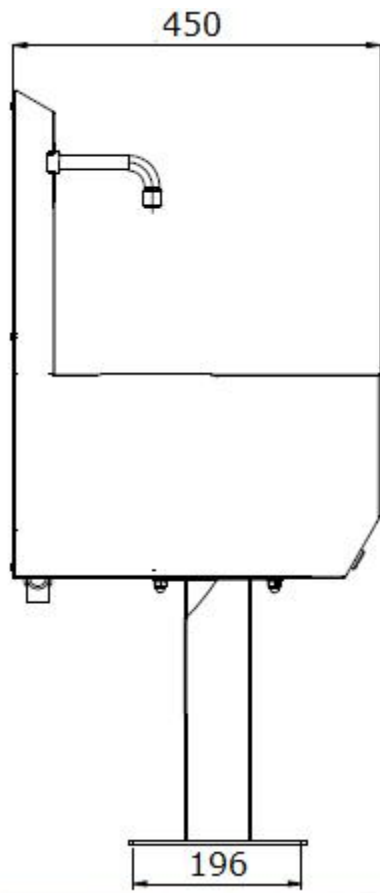
The temperature of the water is controlled by the valve of the mixer – within $30\div 48^{\circ}$.

We use French, German and Italian accessories and wide range of soap and towel dispensers (options).

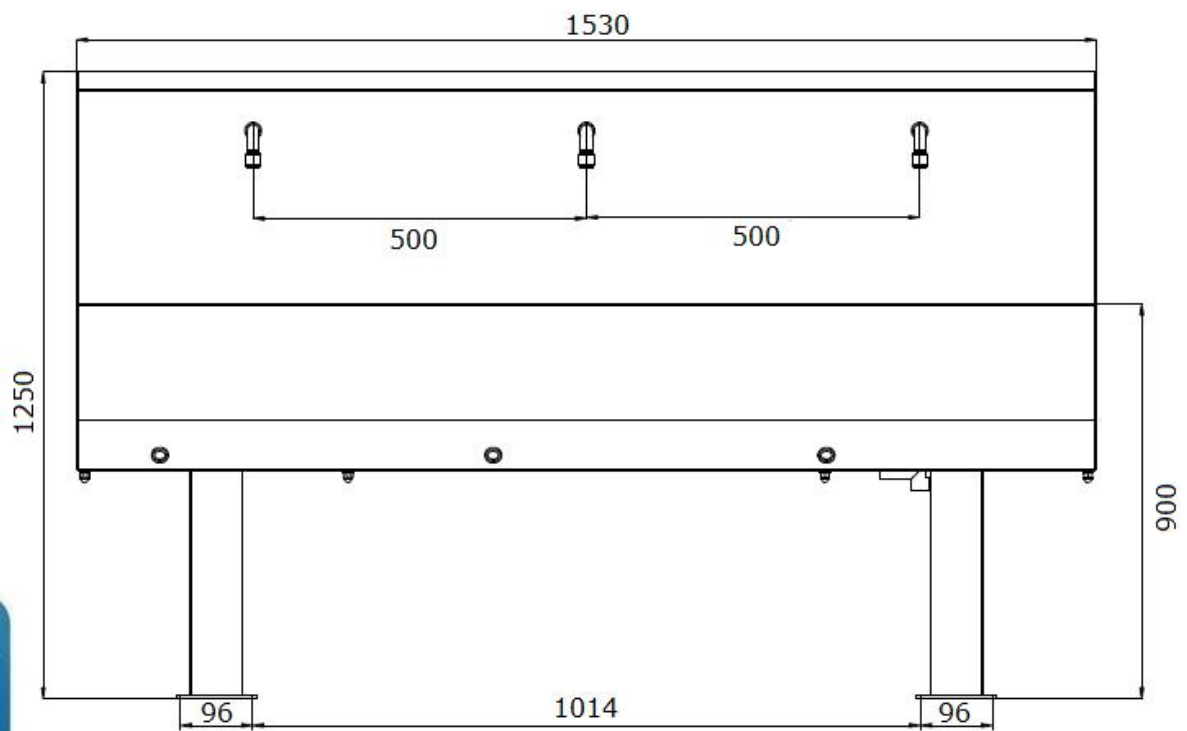
We can offer unique execution with accessories of French company DELABIE with 10 years guarantee.



sidewards



in front



SINGLE-POSITIONED SINKS

Art. No	13.1000.00	13.1100.00	13.1010.00	13.1110.00	13.1001.00	13.1101.00	13.1011.00	13.1101.00
Dimensions mm	420/450/600	420/450/1250	420/450/600	420/450/1250	420/450/250	420/450/900	420/450/250	420/450/900
Knee valve (button)/photocell	photocell	photocell	button	button	photocell	photocell	button	button
Installation wall/floor	wall	floor	wall	floor	wall	floor	wall	floor
Back	yes	yes	yes	yes	no	no	no	no
Power supply - electricity/water/compressed air/drain	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$

MULTI-POSITIONED SINKS

Art. No	13.2000.00	13.2100.00	13.2010.00	13.2110.00	13.3000.00	13.3100.00	13.3010.00	13.3110.00
Dimensions mm	1030/450/600	1030/450/1250	1030/450/600	1530/450/1250	1530/450/600	1530/450/1250	1530/450/600	1530/450/1250
Number of positions	2	2	2	2	3	3	3	3
Knee valve (button)/photocell	photocell	photocell	button	button	photocell	photocell	button	button
Installation wall/floor	wall	floor	wall	floor	wall	floor	wall	floor
Back	yes	yes	yes	yes	yes	yes	yes	yes
Power supply - electricity/water/compressed air/drain	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	230 V / 50 Hz Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$	Water R $\frac{1}{2}$ - 2-8 bar drain Ø1 $\frac{1}{4}$



KNIFE STERILIZER 17.1120.10

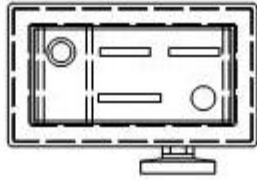
This machine is designated for sterilizing of 3 knives and 1 sharpening steel with length up to 300 mm, which are inserted into the carrier slots.

It has a cock allowing machine's filling up.

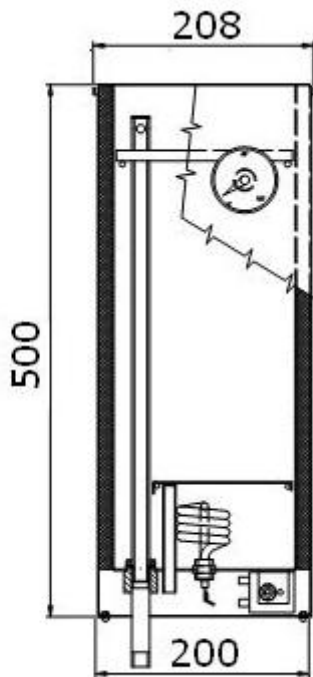
It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.



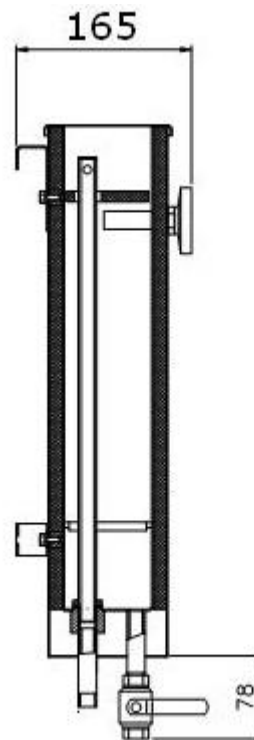
above



in front



sidewards



Technical data:

Power supply	V/Hz	230/50
Installed power	kW	1
Quantity of inserted knives + sharpening steel	pcs/cycle	3+1
Water working temperature	°	85
Weight		~10

Dimensions:

Length	mm	208
Width	mm	165
Height	mm	500



KNIFE STERILIZER 17.4100.00

The machine is special executions. Designated to sterilize for each cycle - 20 pcs knives with length of 550 mm of each, which are inserted into the carrier slots.

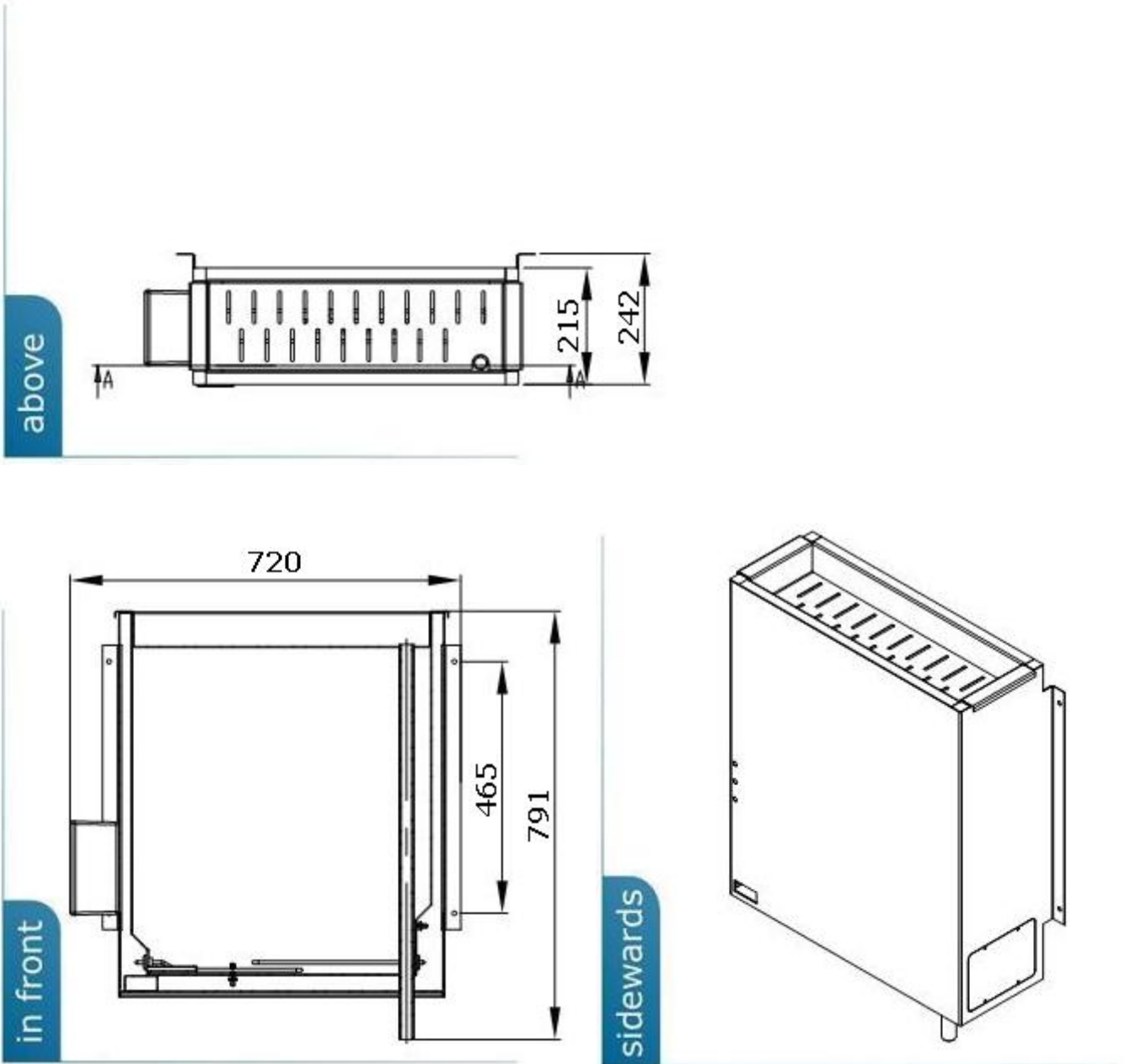
The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.

Sterilizer' s advantages:

- thermostat with fixed temperature of 86 degrees
- thermometer
- insulation - double casing
- additional protection of heaters
- panel with main switch and protections
- LED indication of operating modes
- double drainage - to maintain the working level and for draining

Optionally can be added automatically filling with water.





Technical data:

Power supply	V/Hz	230/50
Installed power	kW	5
Quantity of inserted knives	pcs/cycle	20
Water working temperature	°	85
Weight		~35

Dimensions:

Length	mm	720
Width	mm	242
Height	mm	791

Sterilizer for 20 knives
with length up to 350 mm
without drain cock
wall mounting
17.4100.00



Sterilizer for
20 knives
with length up to 350 mm
with filling valve
wall mounting
17.4102.00



Sterilizer for
18 knives + 18 sharpening steels
with length up to 350 mm
floor mounting
17.4120.00



Sterilizer for
13 knives + 13 sharpening steels
with length up to 350 mm
wall mounting
17.4121.00



Sterilizer for
6 knives + 6 sharpening steels
with length up to 350 mm
wall mounting
17.4030.00



Sterilizer for
6 hollow knives
wall mounting
17.3121.00



Sterilizer for 4 knives + 4 sharpening steels
with length up to 350 mm
wall mounting
17.4010.00



Sterilizer for
3 knives + 3 sharpening steels
with length up to 350 mm
wall mounting
17.4031.00



Sterilizer for
2 knives + 2 sharpening steels
with length up to 350 mm
wall mounting
17.4021.00



Sterilizer for
1 knife + 1 sharpening steel
with length up to 350 mm
wall mounting
17.4011.00



KNIVES STERILIZERS

Art. No	17.4011.00	17.4021.00	17.4031.00	17.1120.10	17.4010.00	17.4030.00
Dimensions (L,W,H mm)	260/245/630	320/245/630	380/245/630	208/165/500	550/245/660	590/245/660
Installation - floor/wall	no/yes	no/yes	no/yes	no/yes	no/yes	no/yes
Knives/sharpening steels	1/1	2/2	3/3	3/1	4/4	6/6
Max. knives length (mm)	300	350	350	300	350	300
Instaled power (kW)	~ 1.0	~ 1.0	~ 1.5	~ 1.0	2,25	2,25
Power supply - electricity/water/steam/compressed air/drain	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz

Art. No	17.4121.00	17.4120.00	17.3121.00	17.4100.00	14.4102.00
Dimensions (L,W,H mm)	900/245/690	1127/350/850	545/280/660	720/242/791	750/242/850
Installation - floor/wall	no/yes	yes/no	no/yes	no/yes	no/yes
Knives/sharpening steels	13/13	18/18	6 hollow knives	20/no	20/no
Max. knives length (mm)	350	350	170	550	550
Instaled power (kW)	5	7	2,25	~ 5.0	~ 5.0
Power supply - electricity/water/steam/compressed air/drain	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Miscellaneous				without drain cock	with filling valve



BOOTS / SHOES DRYER 16.3211.24

The machine is designed for drying max 24 pairs of washed boots or shoes in each cycle, which are placed in the designated carriers.

Allow adequate time to dry and make a new charge.

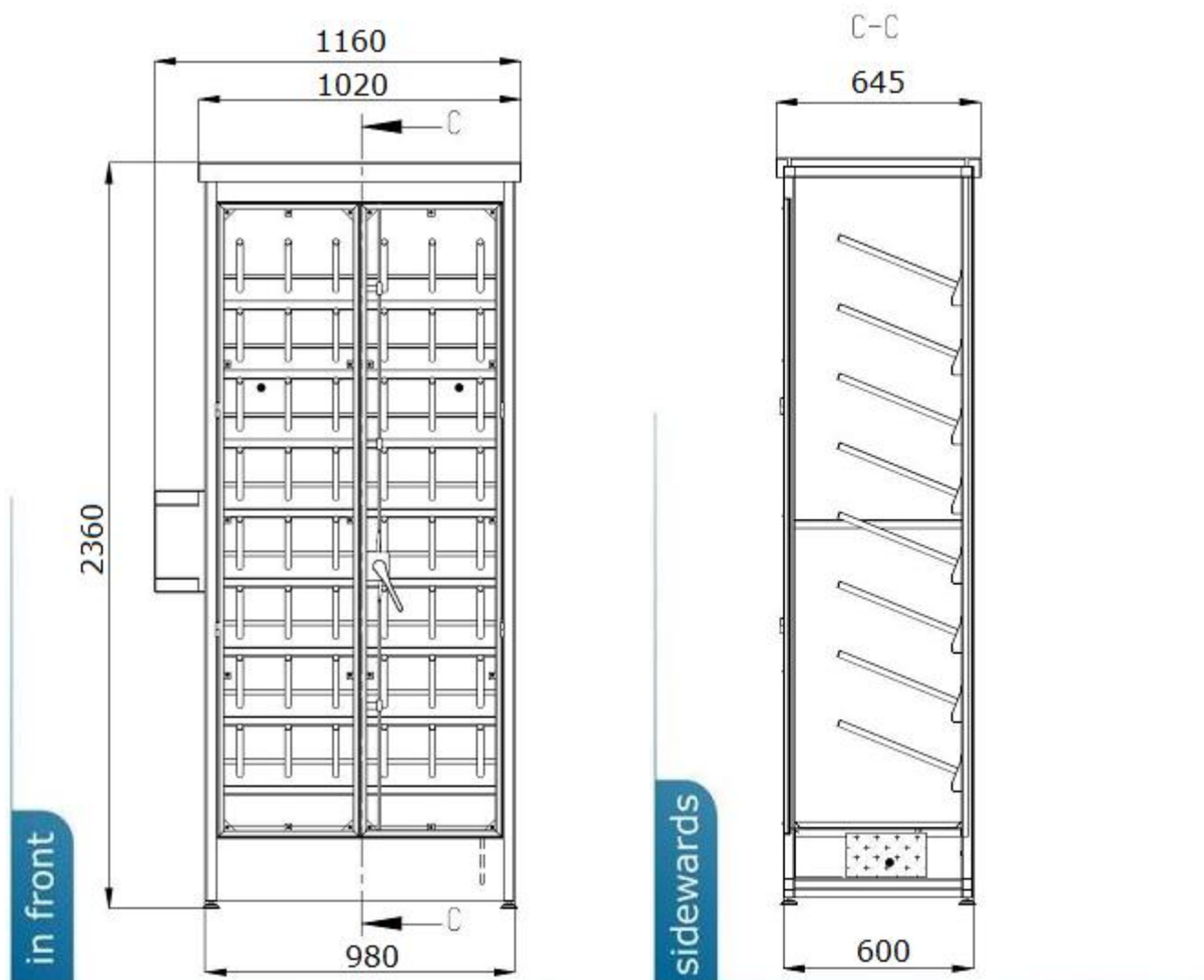
The time for drying boots and/or shoes can be adjusted.

By customer request we can offer a dryer with capacity of 48 pairs per cycle.

It is made entirely of stainless steel, 1.4301 DIN (AISI 304) grade with permission for contact with food - according to the standard.

The machine complies with the Council Directives No. 2006/42/EC and 2006/95/EC and USDA regulations.





Technical data:

		16.3211.24	16.3211.48
Power supply	V/Hz	230/50	230/50
Control voltage	V	24 DC	24DC
Installed power	kW	2	4
	°	5 ÷ 40	5 ÷ 40
Maximum quantity of shoes and boots	Pairs/cycle	24	48
Drying time		Adjustable	Adjustable
Weight	kg	~75	~150

Dimensions:

		16.3211.24	16.3211.48
Length	mm	1160	2120
Width	mm	645	700
Height	mm	2360	2390



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