DOSANOVA

Professional cleaning systems.

ALONE IN OUR EXCELLENCE.

DOSANOVA
Professional cleaning systems.

HYGIENE

EU directive 64/433 introduced in the food plants obligation to produce food safely.
To meet the requirements of hygiene for staff, machinery, equipment and production space has become a basic condition for safe products.

A high level of hygiene is synonymous of high quality food!

Dosanova products meet the latest trends and are used to:

- washing,
- disinfection,
- sterilization,

- drying.

All Dosanova products have CE.

To make the identification easier each product was specified by graphical symbol to choose the equipment according to the individual needs of the food plant of any size.

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SYMBOLS


HANDS WASHING


HANDS DISINFECTION


HANDS DRYING


LOW SHOES WASHING


LOW SHOES DISINFECTION


LOW AND MEDIUM SHOES DRYING


MEDIUM SHOES WASHING


MEDIUM SHOES DISINFECTION


HIGH SHOES DRYING


HIGH SHOES WASHING


HIGH SHOES DISINFECTION


APRONS DRYING


ACCESSORIES WASHING


ACCESSORIES STERILIZATION

UV RAYS STERILIZATION


GLOVES WASHING


GLOVES STERILIZATION

OZONE STERILIZATION


APRONS WASHING


APRONS STERILIZATION


TURNSTILE MOTOR


SOAP SUPPLY


PRESSURE WASHING


PERSONAL CLOTHING

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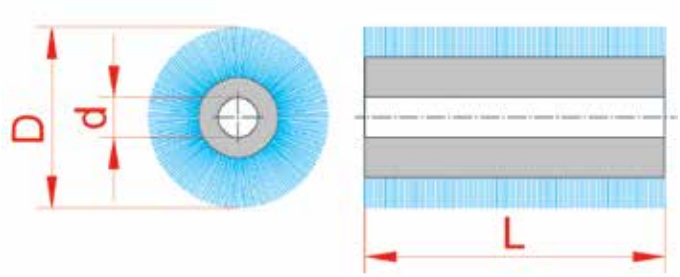
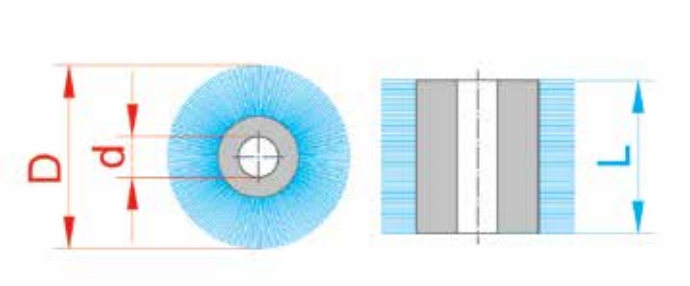
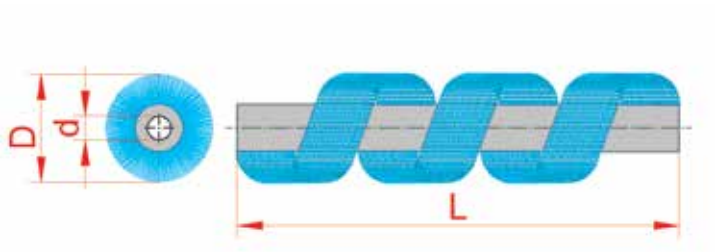
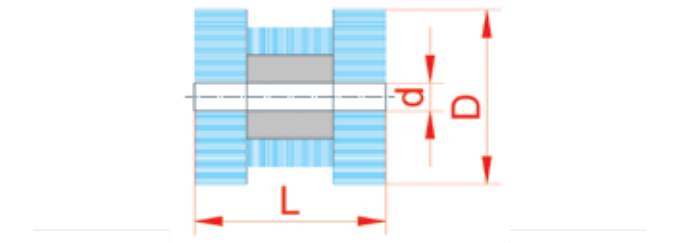
BRUSHES TYPE AND DIMENSIONS

BRUSH TYPE		DIMENSIONS (mm)		
		L	D	d
HORIZONTAL BRUSH		300	180	40
		600		
		900		
		1200		
		1500		
VERTICAL BRUSH		50	210	
			300	
		70	210	
			300	
		150	210	
			300	
		300	210	
			250	
			300	
SPIRAL BRUSH		600	180	
		900		
DISC BRUSH		275	250	

Knife sterilizer with overflow 5101-

Sterilizer made of stainless steel 1.4301.
Sterilizing water overflow.
Insulated sterilizer walls.
Electric heater 1,5 kW, 230 V. IP 44.
Sterilizer operation control light.
Cold water supply connection 3/8". Water discharge spout 1/2".
Thermometer.
Capacity: ~ 10 knives - No 510101.
Capacity: ~ 2 baskets (No 510304) - No 510102.

No	length (mm)	width (mm)	height (mm)	weight (kg)
510101	300	160	350	7,2
510102	360	250	510	14,2

- baskets ordered additionally
- IP65 - for chosen catalogue number should be added "65" e.g. 510101/65

Knife sterilizer with cover 5102-

Sterilizer made of stainless steel 1.4301.
Cold water supply connection: 1/2". Water discharge spout: 3/4".
Temperature controller.
Capacity: 60 knives.
Dimensions: 1120 x 570 x 850 mm.
Electric heater: 6 kW, 400 V.

No		weight (kg)
510201	- plastic insert	85,0
510202	- for 12 baskets No 510301	85,0
510203	- for 16 baskets No 510301	85,0
510204	- for 10 baskets No 510304	85,0

- baskets ordered additionally

Instruments sterilization basket 5103-

The basket is made from steinless steel 1.4301.
The baskets are suited for sterilizer no. 5102- and sterilization and storage cabinets cat. no 5107-.

No			L x H (mm)	weight (kg)
510301	3 blades, liner, glove	metal sheet	215 x 480	1,0
510302	4 blades, liner, glove	metal sheet	265 x 480	1,3
510303	3 blades, 2 liners, glove	wire version	120 x 480	1,6
510304	4 blades, 2 liners, glove	wire version	180 x 470	1,9

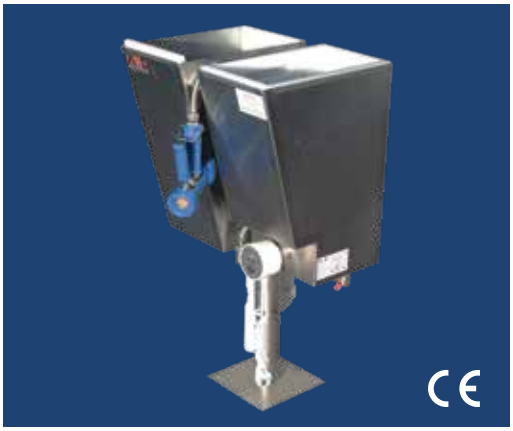
UV or ozone sterilizer 5104-

Sterilizer casing made of stainless steel 1.4301.
Colored, safe, ray-proof plastic door.
Magnetic holder for sterilized tools (510401, 510402) or basket (510403, 510404).
UV or ozone sterilization (No cat. /OZ).
Sterilization time control.
Automatic sterilization switch-off.
Voltage: 230 V.

No	length (mm)	width (mm)	height (mm)	weight (kg)
510401	500	120	600	8,2
510402	1000	120	600	12,8
510403	500	120	600	8,0
510404	1000	120	600	12,3

- sterilization with ozone - for chosen catalogue no should be added “OZ” e.g. 510401/OZ

Circular saw sterilizer 5105-



Sterilizer made of stainless steel 1.4301.
Vessel for saw washing with cold water by using spryer.
Saw sterilization vessel.
Electric heater with thermostat: 1,5 kW, 230 V.
IP 55.
Cold water supply connection: 1/2”.
Hot water supply connection: 1/2”.
Water discharge spout with siphon: 1 1/2”.
For saw: ø 280, 300 mm.

No	length (mm)	width (mm)	height (mm)	weight (kg)
510501	460	350	800	26,0

Electric insects killer 5106-

Body: stainless steel 1.4301.
Supply: 230 V; 50 Hz.

No	power (W)	coverage (m^2)	dimensions (mm)	weight (kg)
510601	2 x 15	50	477 x 125 x H 335	6,5
510602	2 x 18	100	630 x 125 x H 335	10,0
510604	glue sticker 2 x 15	50	475 x 70 x H 357	4,0
510605	glue sticker 2 x 18	100	630 x 70 x H 336	4,5

Instruments baskets sterilization cabinet 5107-

Cabinet casing made of stainless steel 1.4301.
Colored, safe, UV-proof plastic door (510701, 510702, 510703) or stainless steel 1.4301 (510704).
UV or ozone sterilization.
Sterilization time control.
Automatic sterilization switch-off.
Voltage: 230 V.

No	no of baskets	length (mm)	width (mm)	height (mm)	weight (kg)
510701	8	1170	300	880	28,5
510702	10	1440	300	880	35,5
510703	16	1170	300	1335	43,0
510704	21	1040	300	2100	51,0

- sterilization with ozone - for chosen catalogue no should be added „OZ" e.g. 510701/OZ
- baskets ordered additionally

Gloves sterilization cabinet 5108-

Cabinet casing made of stainless steel 1.4301.
Colored, safe, UV-proof plastic door.
UV or ozone sterilization.
Sterilization time control.
Automatic sterilization switch-off.
Voltage: 230 V.

No	no of gloves	length (mm)	width (mm)	height (mm)	weight (kg)
510801	12	500	300	865	19,0
510802	18	800	300	865	25,0

- sterilization with ozone - for chosen catalogue no should be added "OZ" e.g. 510802/OZ

Spray knife sterilizer 5110-

Sterilizer made of stainless steel 1.4301.
Knives sterilization by sprying hot water on the blade of knife.
Starting by pressing a button.
Spray time: 3÷6 seconds.
Hot water supply connection: 1/2", max. temp.: 90°C.
Water discharge spout: ø 25 mm.

No	length (mm)	width (mm)	height (mm)	weight (kg)
511001	210	210	300	4,5

Knee handbasin 5201-

Handbasin made of stainless steel 1.4301.
Cold water connection: 1/2”.
Hot water connection: 1/2”.
Water discharge: 1 1/2”.
Water temperature controller.
Front panel knee control.
Water discharge time: 3÷6 seconds.
Casing dimensions: 450 x 400 x 250 mm.
Possible to make base.

No		weight (kg)
520101	- with mixer tap	7,0
520102	- without mixer tap	7,0
520103	- with splashback (height 580 mm) and mixer tap	10,0

Sensor cell handbasin 5202-

Handbasin made of stainless steel 1.4301.
Cold water connection: 1/2”.
Hot water connection: 1/2”.
Water discharge: 1 1/2”.
Water temperature controller.
Sensor cell control.
Water discharge time: 6 seconds.
Casing dimensions: 450 x 400 x 250 mm.
Possible to make base.

No		weight (kg)
520201	- sensor cell in spout - with mixer tap, power supply 230 V, operating voltage 24 V	8,0
520202	- sensor cell in spout - without mixer tap, power supply 230 V, operating voltage 24 V	8,0
520203	- sensor cell in splashback (height 580 mm), power supply 230 V, operating voltage 12 V	11,0
520204	- sensor cell in the front wall, power supply 230 V, operating voltage 12 V	8,0

Handbasin ECO 5203-

Handbasin made of stainless steel 1.4301.
Cold water connection: 1/2".
Hot water connection: 1/2".
Water discharge: 1 1/2".
Water temperature controller.
Front panel knee control or sensor cell control.
Water discharge time: 3÷6 seconds.
Casing dimensions: 450 x 320 x 200 mm.
Possible to make base.

No		weight (kg)
520301	knee-control	6,0
520302	knee-control, with splashback - height 310 mm	8,5
520303	sensor cell in splashback	9,5

Handwipe dispenser 5205-

Dispenser made of stainless steel 1.4301.
Capacity: 250 pcs. (520501), 500 pcs. (520502) or roll 220 mm (520503).

No	length (mm)	width (mm)	height (mm)	weight (kg)
520501	260	120	160	1,1
520502	260	120	270	1,9
520503	230	220	220	2,4

Soap or disinfecting liquid dispenser 5207-

Dispenser casing, mechanism and pump made of stainless steel 1.4301. Elbow-controlled.
Dispenser capacity: 0,5 l or 1,0 l.

No	length (mm)	width (mm)	height (mm)	weight (kg)
520701	80	80	260	0,8
520702	94	92	320	0,9

Hygiene wall unit 5206-

The hygiene wall consists of the following elements:
1. Stainless steel board B x H = 530 x 580 mm
2. Knee- or sensor cell-controlled handbasin
3. Knife sterilizer with overflow 510101
4. Handwipe dispenser 520501
5. Liquid soap dispenser 520701
6. Basket for paper towels 520901

Entirely stainless steel 1.4301.
Possible to mount disinfecting liquid dispenser 520701.

No		weight (kg)
520601	sensor cell in spout	24,0
520602	sensor cell in splashback	24,0
520603	sensor cell in the front wall	24,0
520604	knee-control	24,0

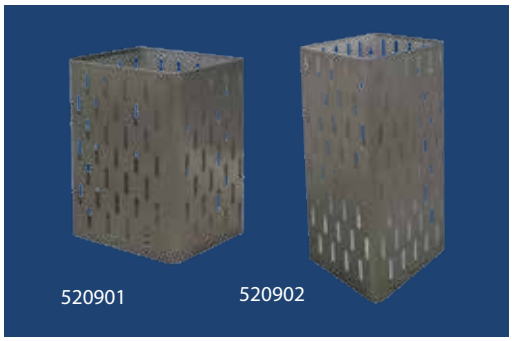
Sanitary free-standing set 5208-

The set consists of the following elements:
1. Handbasin ilium controlled or with the help of photocell at the outlet, with splashback made as a monolithic whole totally tight
2. Knive sterilizer with overflow 510101
3. Handwipe dispenser 520501
4. Liquid soap dispenser 520701
5. Disinfecting liquid dispenser 520701
6. Basket for paper towels 520901
7. Stainless steel base with a panel to be mounted in the floor.

Height: 1450 mm
Set especially recommended for slaughterhouses and meat processing enterprises.
Entirely stainless steel 1.4301.

No		weight (kg)
520801	set with a handbasin ilium controlled	30,0
520802	set with a handbasin controlled with a sensor cell in spout	30,0
520803	set with a handbasin with a sensor cell in the splashback	30,0

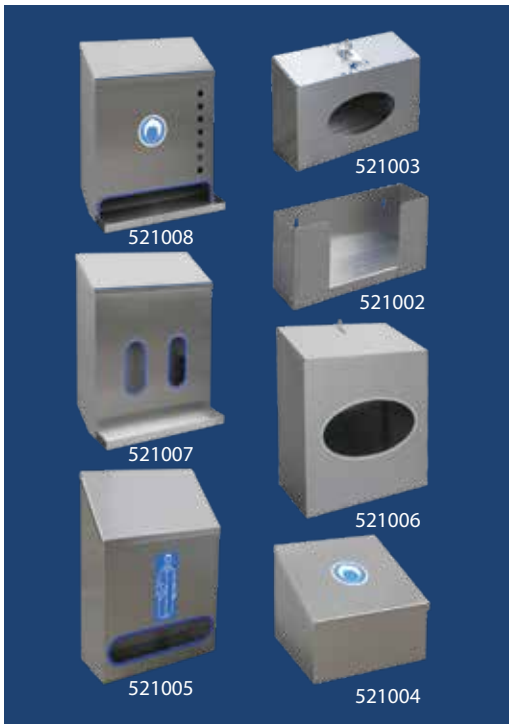
Basket for paper towels 5209-



Open-work basket made of stainless steel 1.4301.
Underslung to handbasin or to a sanitary wall.
Basket capacity: 35 l or 60 l.

No	length (mm)	width (mm)	height (mm)	capacity (l.)	weight (kg)
520901	220	270	400	35	2,5
520902	400	270	600	60	3,5

Disposable protective dispensers 5210-



Dispenser made of stainless steel 1.4301.
The choise of the dispenser depends on the caps or gloves dimensions.
Destinated for disposable: gloves, caps, aprons, towels.

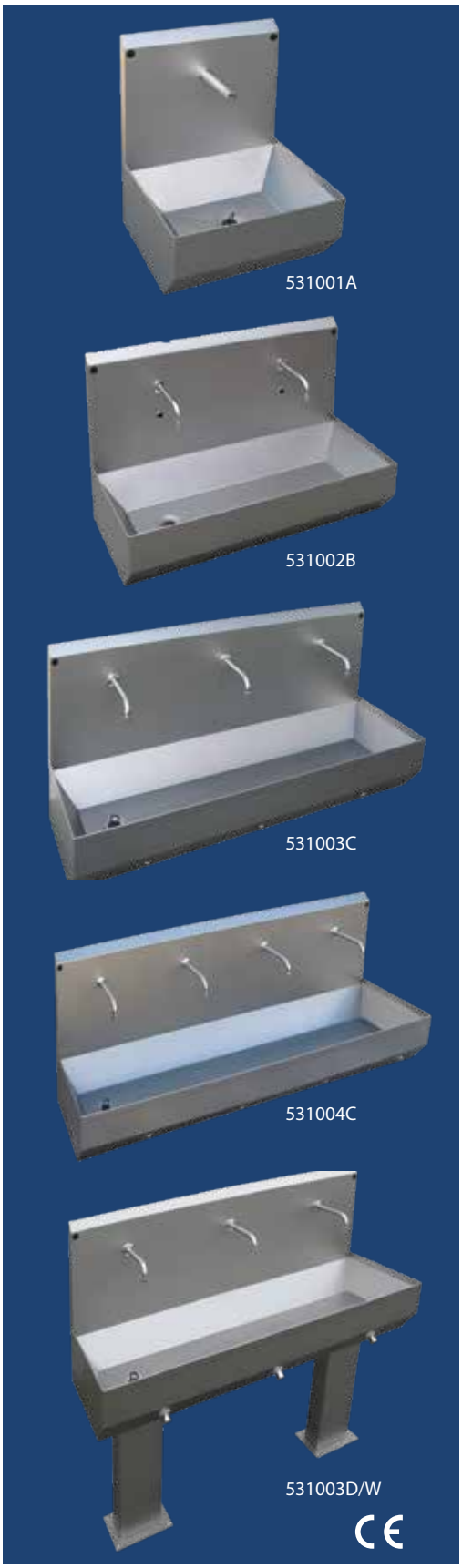
No	length (mm)	width (mm)	height (mm)	weight (kg)
521001	300	100	230	1,9
521002	250	75	130	0,7
521003	255	80	170	0,9
521004	300	280	250	1,9
521005	350	140	500	2,0
521006	400	230	480	4,4
521007	400	230	505	3,3
521008	400	230	505	2,5

Monolithic handbasin 5214-

Handbasin made of stainless steel 1.4301 as a monolithic, whole totally tight.
Cold water connection: 1/2”.
Hot water connection 1/2”.
Water discharge: PVC ø 50 mm.
Dimensions: 450 x 390 x 690 mm.

No		weight (kg)
521401	- kolanowa / knee-operated	7,0
521402	- sensor cell in spout - with mixer tap	8,0
521403	- sensor cell in spout - without mixer tap	7,5
521404	- senor cell and spout in splashback	8,0
521405	- sensor cell in the front wall	8,0

Hygienic sink 5310-



Sink made of stainless steel 1.4301.
Total height H = 690 mm.
Splashback wall of the height of: 420 mm.
Cold and hot water connection: 1/2", collective mixer 1/2".
One outlet: 1 1/2" left or right side.
Power supply: 230 V / 12 V - sinks with photocell.
Invisible siphon drain Ø 50 mm.
Mode of the sink activating:
A. photocell in the outlet
B. photocell in the splashback
C. photocell in the front wall
D. knee-operated valve

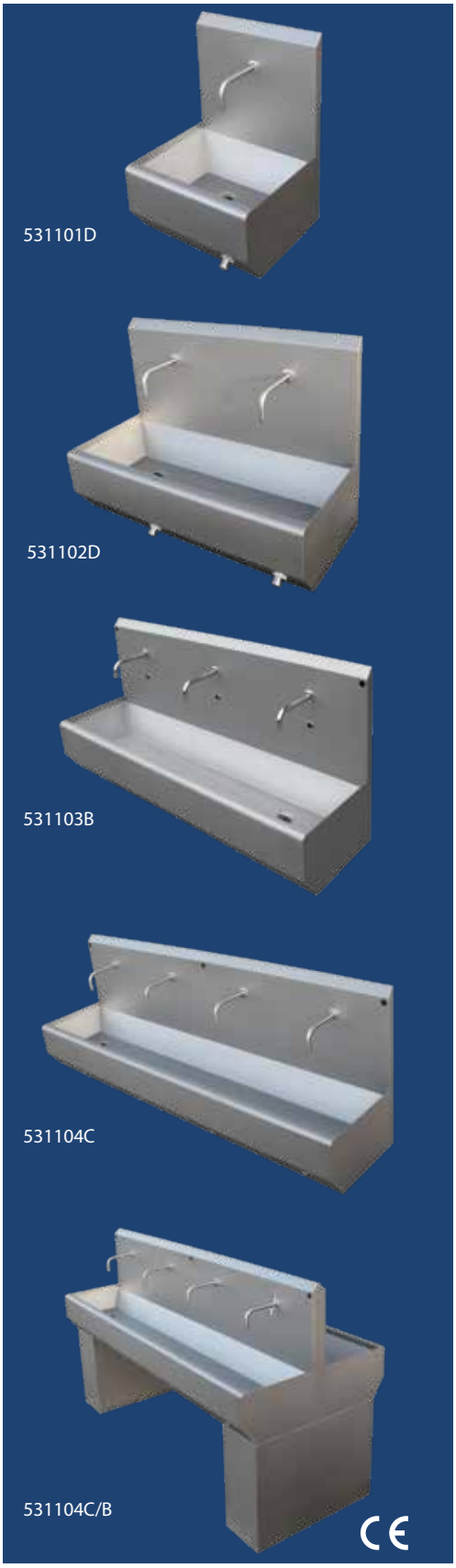
No	length (mm)	width (mm)	no of stations	weight (kg)
531001	500	450	1	11,0
531002	1000	450	2	17,5
531003	1500	450	3	25,0
531004	2000	450	4	30,5
531005	2500	450	5	37,0
531006	2850	450	6	42,0

- free-standing version - for chosen catalogue no should be added "W" e.g. 531003D/W
- "Twin" version - for choosen catalogue no should be added "B" e.g. 531002B/B

chrome spout, straight edge

stainless spout (option)

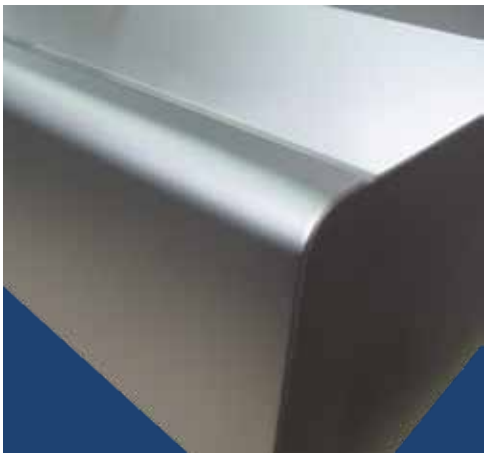
Hygienic sink rounded 5311-



Sink made of stainless steel 1.4301.
Total height H = 690 mm.
Splashback wall of the height of: 420 mm.
Cold and hot water connection: 1/2", collective mixer 1/2".
One outlet: 1 1/2" left or right side.
Power supply: 230 V / 12 V - sinks with photocell.
Invisible siphon drain ø 50 mm.
Mode of the sink activating:
A. photocell in the outlet
B. photocell in the splashback
C. photocell in the front wall
D. knee-operated valve

No	lenght (mm)	width (mm)	no of stations	weight (kg)
531101	500	450	1	11,0
531102	1000	450	2	17,5
531103	1500	450	3	25,0
531104	2000	450	4	30,5
531105	2500	450	5	37,0
531106	2850	450	6	42,0

- free-standing version - for chosen catalogue no should be added "W" e.g. 531101D/W
- "Twin" version - for choosen catalogue no should be added "B" e.g. 531104C/B

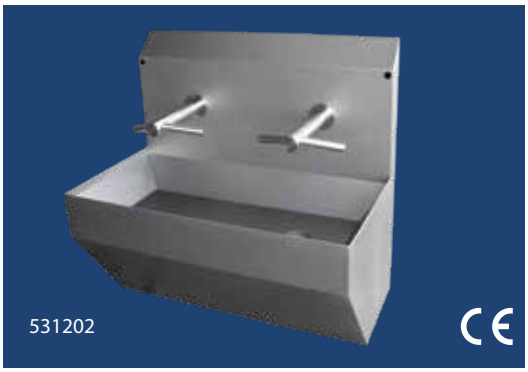


rounded front edge

stainless spout (option)

Hygienic sink with hand dryer TIP 5312-

Sink with photocell spout and additionally a hand dryer (WASH & DRY) made of stainless steel materials 1.4301.
Total height H = 1010 mm.
Splashback wall of the height of: 480 mm.
Hot and cold water connection: 1/2”, collective mixer: 1/2”.
One outlet: 1 1/2” left or right side.
Power supply: 230 V.
Rated power: 1600 W.
Invisible siphon ø 50 mm.



No	lenght (mm)	width (mm)	no of stations	weight (kg)
		straight edging		
531201	500	470	1	22,0
531202	1000	470	2	40,0
531203	1500	470	3	53,0
531204	2000	470	4	65,0
531205	2500	470	5	78,0
		rounded edging		
531206	500	510	1	23,0
531207	1000	510	2	42,0
531208	1500	510	3	56,0
531209	2000	510	4	69,0
531210	2500	510	5	83,0

- free-standing version – for chosen catalogue no should be added „W”, e.g. 531201/W
- 470/510 - the width of the version depends on the type of edging

531206 – detal / 531206 – details

DOSANOVA
Professional cleaning systems.

WASHERS 55-

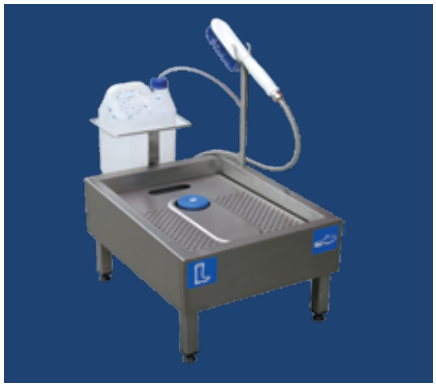
Shoes washers of Dosanova production are designed for all sizes and types of food plants.
Both manual and automatic with brushes are made of stainless steel 1.4301 (304).
The uniform, smooth, hygienic structure, optimally selected special brushes provides the highest quality of shoes washing and disinfection.

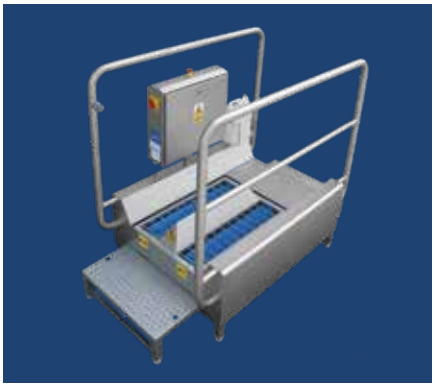
The washing and disinfectant liquid supply, mixing with water, giving it on the brushes and shoes is automatic.
Washers service and maintenance is simple and requires no special tools.
Washers are designed for washing and disinfection of all type of shoes.

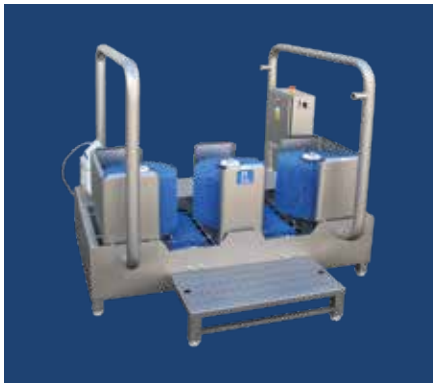
LOW SHOES

MEDIUM SHOES

HIGH SHOES (BOOTS)





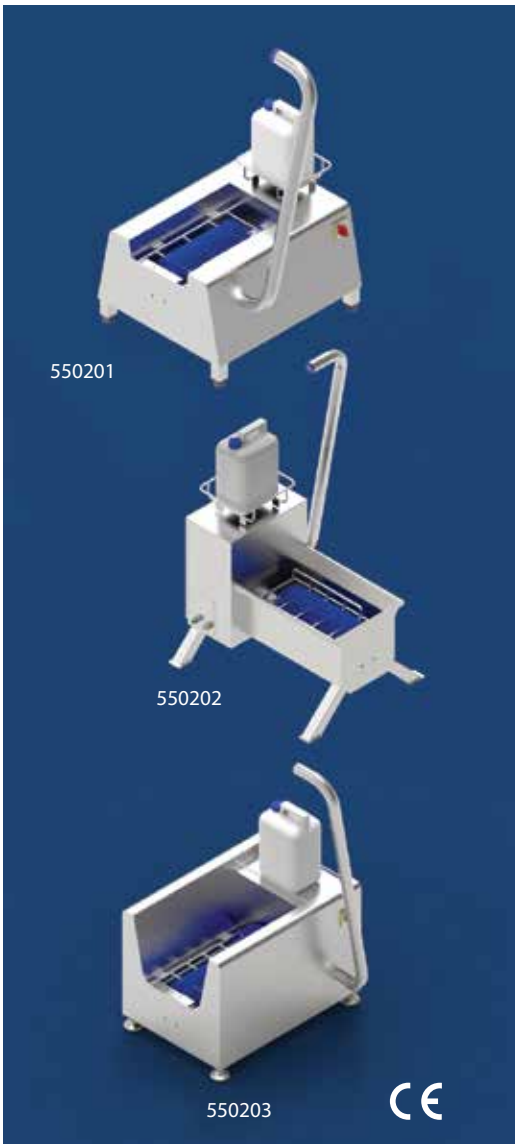


Manual boot washer 5501-

Washer made of stainless steel 1.4301.
Water output: 1/2" .
Water drainage: PVC ø 50 mm.
Foot operated. Special siphon.

No	length (mm)	width (mm)	height (mm)	weight (kg)	
550101	500	400	300	10,8	
550102	650	400	660	11,0	automatic washing liquid supply

Boot sole washer 5502-



Washer made of stainless steel 1.4301.
One rotating brush.
Water output: 1/2".
Water drainage: PVC ø 50 mm.
Power supply 400 V, 50 Hz.
Drive: 0,25 kW, IP 55.
Switch placed in holder (M) or sensor (F).
Automatic volume regulated washing or disinfectant liquid supply.

No	length (mm)	width (mm)	height (mm)	weight (kg)
550201	560	650	1100	41,0
550202	470	680	1100	32,0
550203	770	400	1170	35,0

550203 - additionally shoes tips washing

Passage boot sole washer 5503-

Washer made of stainless steel 1.4301.
Two rotating brushes in length from 300 to 1500 mm.
Water output: 1/2”.
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 2 x 0,25 kW, IP 55.
Switch placed in holder (M) or sensor (F).
Automatic volume regulated washing or disinfectant liquid supply.

No	washer length (mm)	brushes length (mm)	width (mm)	height (mm)	weight (kg)
550301	1350	300	850	1100	86,0
550302	1650	600	850	1100	105,0
550303	1950	900	850	1100	138,0
550304	2300	1200	850	1100	147,5
550305	2650	1500	850	1100	180,0

- double-acting system ordered additionally (2F) or (2M)

Sole and top washer 5504-

Washer made of stainless steel 1.4301.
Three rotating brushes. Vertical brushes of a diameter of ø 300 or ø 250 mm – No cat. 550402.
Water output: 1/2”.
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 3 x 0,25 kW, IP 55.
Switch placed in holder (M) or sensor (F).
Automatic volume regulated washing or disinfectant liquid supply.

No	length (mm)	width (mm)	height (mm)	vertical brushes (mm)	weight (kg)
550401	850	850	1100	ø 300	81,0
550402	650	650	1100	ø 250	63,0

Myjka butów wysokich - przechodnia 5505-

Passage sole and top washer 5505-

Washer made of stainless steel materials 1.4301.
Five rotating brushes.
Vertical brushes of a diameter ø 300 or ø 250 mm – No cat. 550502.
Washing tops of shoes up to 350 mm high.
Water supply: 1/2”.
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 5 x 0,25 kW, IP55.
Automatic washing liquid supply.
Switch placed in holder (M) or sensor (F).

No	length (mm)	width (mm)	height (mm)	weight (kg)
550501	1350	1200	1100	128,5
550502	1250	1050	1100	107,0
small version				

- double-acting system ordered additionally (2F) or (2M)
- for medium shoes – vertical brushes height 70 or 150 mm

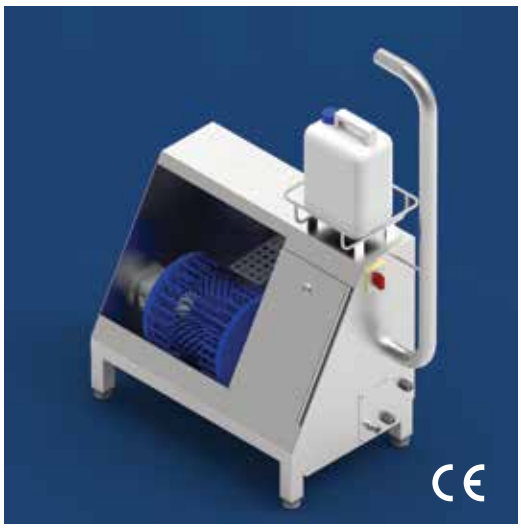
Passage sole and top washer unit with inclined brushes 550505 and 550506

Washer made of stainless steel materials 1.4301.
Six rotating brushes: two horizontal brushes, four inclined brushes of variable diameter.
Washing tops of shoes up to 350 mm high.
Water supply: 1/2”.
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Automatic washing liquid supply.
Switch placed in holder (M) or sensor (F).

No	brushes L (mm)	length (mm)	width (mm)	height (mm)	weight (kg)
550505	600	2000	950	1100	165,0
550506	900	2330	950	1100	204,0

- double-acting system ordered additionally (2F) or (2M)

Sole and leg washing unit for low-heeled shoes 5506-



Washer made of stainless steel 1.4301.
Profiled rotary brush.
Water supply: 1/2''.
Water drain: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 0,25 kW, IP 55.
Switch placed in holder (M) or sensor (F).
Automatic volume regulated washing or disinfectant liquid supply.

No	length (mm)	width (mm)	height (mm)	weight (kg)
550601	600	400	1100	46,0

Passage sole and leg washer unit for low-heeled shoes 5507-

Washer made of stainless steel 1.4301.
Two rotating segmented brush.
Water supply: 1/2", water drainage: PCV ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 0,25 kW, IP 55.
Automatic volume regulated washing or disinfectant liquid supply.
Switch placed in holder (M) or sensor (F).

No		dimensions L x B x H (mm)	weight (kg)
550701	- mini	700x1040x1100	86,0
550702	- without steps	1180x1040x1100	94,0
550703	- with steps	1500x1040x1100	104,0

double-acting system ordered additionally (2F) or (2M)

Series pass washer unit, two-shafts with disinfection 5522-

Washer made of stainless steel materials 1.4301.
Two rotating washing brushes of a length 300, 600 or 900 mm.
Soles disinfection tank up to 3 cm high and drip tray.
Starting brushes rotation: sensor.
Water supply: 1/2".
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Control: 24 V, IP67.
Drive: 5 x 0,25 kW, IP55.
Washer width: 850 mm.
Starting brushes rotation: sensor.
Automatic washing liquid, water and disinfectant supply.

No	brushes L (mm)	disinfection/draining length (mm)	total length (mm)	weight (kg)
552201	300	400/500	2300	140,0
552202	600	400/500	2600	160,0
552203	900	400/500	2950	185,0

Sample

Series pass sluice (P-13)

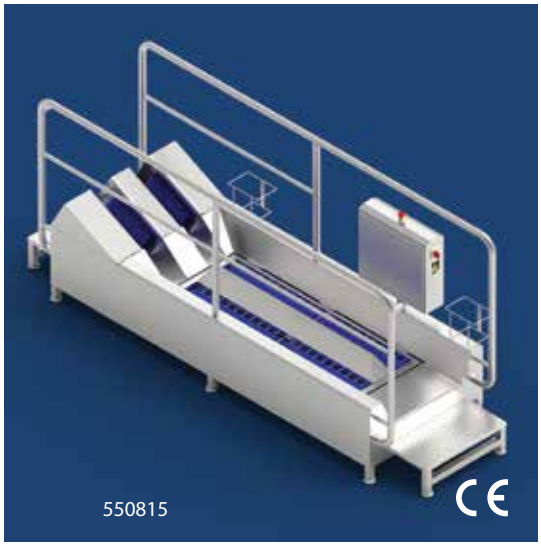
Washer unit (552202), access stand by hand disinfection (551403), hygienic sink 1-stand sensor operated (531001B/W), hand dryer (552701)

vertical brushes for low-heeled shoes / washer unit No: 550801

Universal passage washer units 5508-

The universal washers group thanks to the use of different heights of vertical brushes (70, 150, 300 mm) and side exit, allows washing of at least two types of shoes.
Versions 550813, 550814, 550815 have inclined brushes that improve the efficiency of washing the uppers of shoes.
Washer made of stainless steel materials 1.4301.
Water supply: 1/2".
Water drainage: PVC ø 50 mm.
Power supply: 400 V, 50 Hz.
Control: 24V, IP67.
Drive: 5 x 0,25 kW or 3 x 0,25 kW, IP55.
Washer width: 850 mm.
Sensors operated.
Automatic washing liquids supply.

No	vertical brushes H (mm)	horizontal brushes L (mm)	washer length (mm)	weight (kg)
550801	70	600	2180	159,0
550802	70	900	2530	171,0
550803	70	1200	2930	198,0
550804	150	600	2180	160,0
550805	150	900	2530	172,0
550806	150	1200	2930	201,0
550807	300	600	2180	161,0
550808	300	900	2530	173,0
550809	300	1200	2930	202,0
550810		600	2120	139,0
550811	disc brushes	900	2470	161,0
550812		1200	2870	187,0
550813		600	2330	173,0
550814	inclined brushes	900	2660	188,0
550815		1200	2990	207,0



- double-acting system ordered additionally (2F) or (3F) for a version with side exit
version with side exit – for chosen catalogue no should be added „P", e.g. 550808/P

Multi-stand boot sole washer 5509-

Washer made of stainless steel 1.4301.
Washer allows to wash shoes soles for 2 or 4 workers at the same time.
Water output: 1/2".
Water drainage: PVC: ø 50 mm.
Power supply: 400 V, 50 Hz.
Drive: 2 x 0,25 kW, IP 55.
Automatic volume regulated washing or disinfectant liquid supply.
Sensors operated.

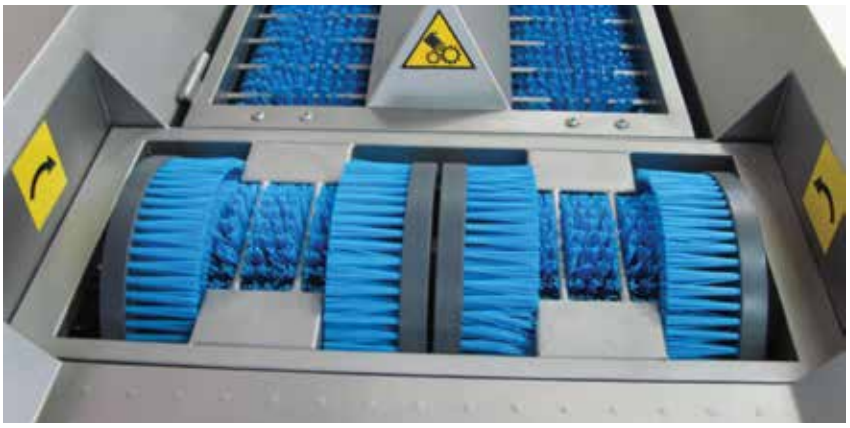
No	length (mm)	width (mm)	height (mm)	weight (kg)
550901	1400	400	1170	58,3
550902	2160	400	1170	76,4

Apron washer 5510-

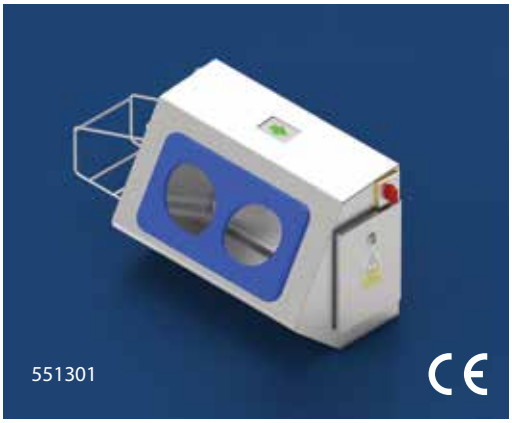
Washer made of stainless steel 1.4301.
Washing with brush and spray gun.
Dimensions: 1000 x 400 x H 1950 mm.
Water output: 1/2".
Water drainage: PVC ø 50 mm.

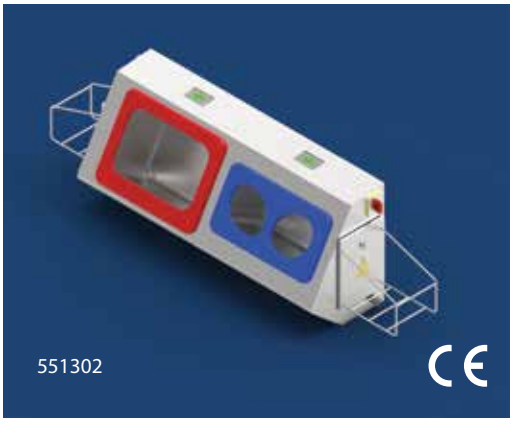
No		weight (kg)
551001	- brush	32,0
551002	- brush and spray gun (540201)	32,5

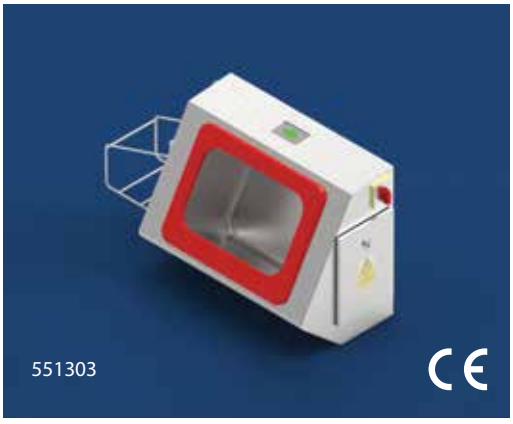
sectional disc brushes / Washer unit No: 550810



Devices for hand hygiene 5513-







- liquid soap supply,
- disinfectant liquid supply,
- hand washing,
- drying hands.

Independent nozzles automatically supply liquids when the hands are placed in the housing's chambers.
Light control of proper activities (red-green).
Devices made of stainless steel 1.4301.
Programming the times of individual cycles and the amount of provide liquids.
Basket for 5-liter container of liquid.
Devices mounted to the wall or washer units.
Power supply: 230 V.
Controlling voltage: 24 V - PLC Siemens Logo! IP65.
Vent air spray buttons.

No	activities	dimensions L x B x H (mm)	weight (kg)
551301	hand disinfection or soap providing outlet PVC ø 10 mm	770 x 315 x 375	16,5
551302	soap providing, hand washing (sink), hand disinfection water supply 1/2", outlet PVC ø 16 mm	1395 x 315 x 415	31,0
551303	soap providing and hand washing (sink) water supply 1/2", outlet PVC ø 16 mm	770 x 315 x 415	18,0
551304	soap providing, hand washing (sink), hand drying, hand disinfection, water supply 1/2", outlet PVC ø 16 mm	1800 x 315 x 415	48,3

- 4 nozzles (two for each hand) for special order

- device can cooperate with access cards and door opening mechanism

light control (red-green)

Free-standing devices for hand hygiene 5513-

- liquid soap supply,
- disinfectant liquid supply,
- hand washing,
- drying hands.

Independent nozzles automatically supply liquids when the hands are placed in the housing's chambers.
Light control of proper activities (red-green).
Devices made of stainless steel materials 1.4301.
Programming the times of individual cycles and the amount of provide liquids.
5 liter container of liquid in the locked cupboard.
Devices mounted to the floor or washer units.
Power supply: 230 V.
Controlling voltage: 24V – PLC Siemens Logo!; IP65.
Vent air spray button.

No	activities	dimensions L x B x H (mm)	weight (kg)
551305	hand disinfection or soap providing outlet ø 10 mm PVC	550 x 315 x 1175	35,0
551306	soap providing, hand washing (sink), water supply 1/2", outlet ø 16 mm PVC	550 x 315 x 1215	36,0
551307	soap providing and hand washing (sink) hand disinfection water supply 1/2", outlet ø 16 mm PVC	970 x 315 x 1215	43,0
551308	soap providing, hand washing (sink), hand drying, hand disinfection water supply 1/2", outlet ø 16 mm PVC	1370 x 315 x 1310	48,0

- 4 nozzles (two for each hand) for special order

- device can cooperate with access cards and door opening mechanism

ACCESS STANDS

They are device that block passage until proper hygiene activities:

- hand washing,
- hand disinfection,
- soap taking,
- soap taking, hand washing, drying and disinfection.

Devices can be mounted:
- to the wall,
- to barriers,
- on the washers as elements of the sluices.

Light control of proper hygienic activities (red – green).
Configurable with access card. After each properly done hygienic operation the rotary gate rotates by 1/3 turn allowing only one person to move.

Access stands can be equipped with two types of rotary gate drives:

Drive AT.TURN No 551400-AT-01

- controlling and programming PLC Siemens LOGO!,
- possibility to work both directions,
- possibility to work with three or two arms,
- mechanism: motor - gear,
- anti-vandalizm construction,
- definitely push the employee out from the stand,
- emergency passage in case of lack of power supply,
- anti-vandal sound alarm.

Drive SPRING.TURN No 551400-ST-01

- controlling and programming PLC Siemens LOGO!,
- possibility to work both directions,
- electric-spring mechanism,
- emergency passage in case of lack of power supply,
- gentle push the employee out from the stand.

Access stand „TRIPOD” 551401

Device made of stainless steel materials 1.4301.
Used to block the passage and to force the passage in one direction.
Released by:

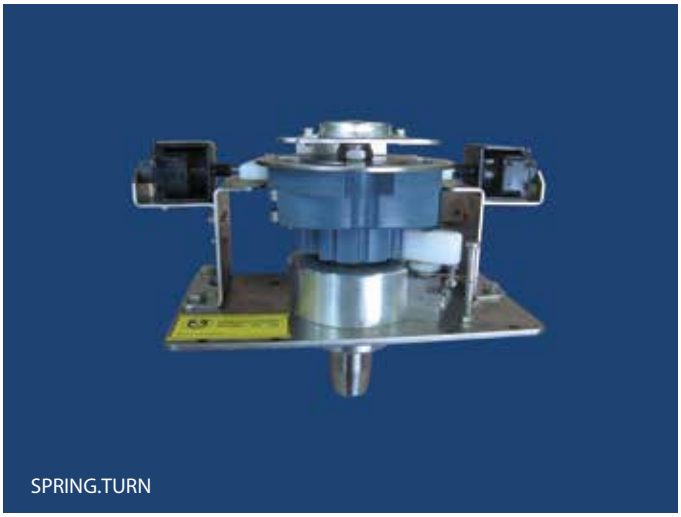
- light hip hitting,
- sensor,
- by access card.

Installation:
- to the wall,
- using a floor construction,
- on the washers.

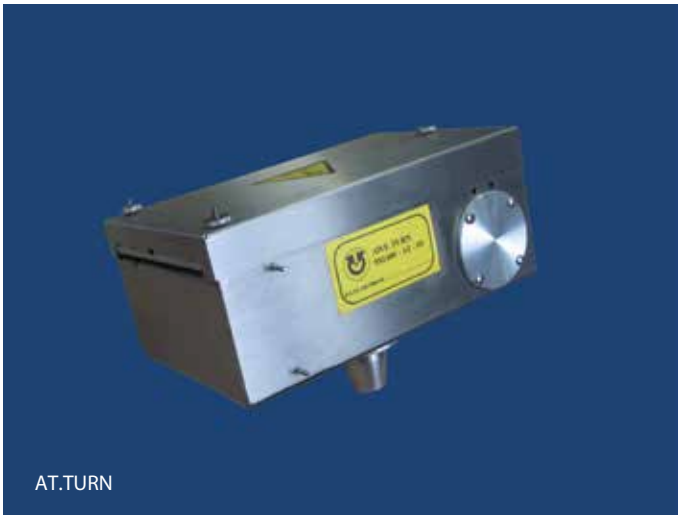
Light control to passage (red-green).
Emergency passage in case of lack of power supply.
Power supply: 230 V.
Control voltage: 24 V, IP65.
Anti-vandalism sound alarm.

No	dimensions L x B x H (mm)	weight (kg)
551401	590 x 300/850 x 420	25,0

- drive: AT. TURN, no cat. 551401-AT-01
- drive: SPRING.TURN, no cat. 551401-ST-01



SPRING.TURN



AT.TURN

Access stands by hand hygiene 5514-

Devices made of stainless steel 1.4301.
They link the passage function with the need to perform hygienic activities.
Making proper hand hygienic activities (washing, drying, disinfection) confirmed by light control (red-green), turns rotary gate about 1/3 of tripod rotation and allows for passage of one person.
Basket for 5-liter container of liquid.
Programming the times of individual cycles and the amount of provide liquids.
Anti-vandalism sound alarm.
Power supply: 230 V.
Controlling voltage: 24 V – PLC Siemens Logo! IP 65.
Water supply: 1/2".
Water drainage: PVC ø 16 mm.
Emergency passage in case of lack of power supply.
Vent air spray buttons.
Installation: to the wall, using a floor construction, on the washers units.

- 4 nozzles (two for each hand) for special order
- Low level liquid detector with light control for special order
- two arms

No	activities	dimensions L x B x H (mm)	weight (kg)
551402	soap providing, hand washing (sink) 1/3 of rotation	780 x 315/870 x 585	33,0
551403	soap or disinfectant providing on both hands at the same time, 1/3 of rotation	780 x 315/870 x 525	32,0
551404	soap and water providing, hand washing, disinfection on both hands, 1/3 of rotation	1420 x 315/870 x 505	36,2
551405	soap and water providing, hand washing, both hands drying at the same time, disinfection on both hands, 1/3 of rotation	1800 x 315/870 x 505	43,8
551413	soap or disinfectant providing on both hands at the same time, 1/3 of rotation	1160 x 315/870 x 375	38,3
551406	soap providing, hand washing (sink), 1/3 of rotation	1160 x 315/870 x 415	39,6
551414	soap and water providing, hand washing, disinfection on both hands, 1/3 of rotation	1810 x 315/870 x 415	41,6


551404


551405


551413


551406


551414

Free-standing access stand by hand hygiene 5514-

Devices made of stainless steel 1.4301.
They link the passage function with the need to perform hygiene activities.
Making proper hand hygienic activities (soap providing, washing, drying, disinfection) confirmed by light control (red-green), turns rotary gate about 1/3 of tripod rotation and allows for passage of one person.
One or two 5-liter soap or disinfectant container located in the massive, lockable cabinet of the device base.
Programming the times of individual cycles and the amount of provide liquids.
Anti-vandalism sound alarm.
Vent air spray buttons.
Power supply: 230 V.
Control voltage: 24 V - PLC Siemens Logo! IP 65.
Water supply: 1/2”.
Water drainage: PVC ø 16 mm.
Emergency passage in case of lack of power supply.
Installation: using a floor construction and on the washers units.

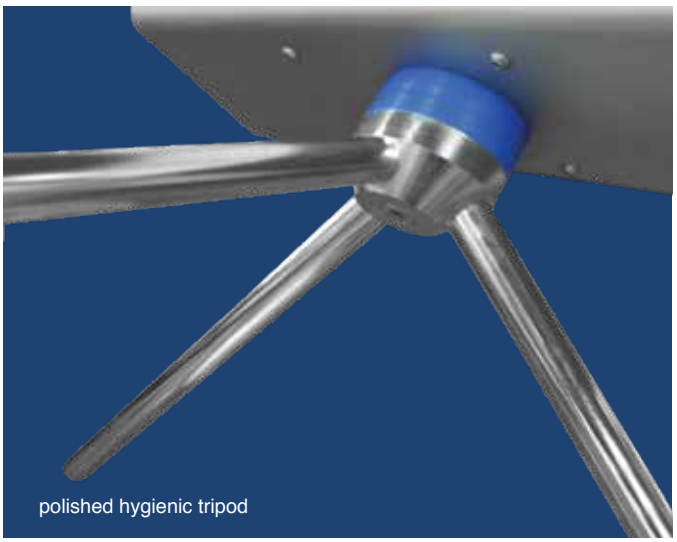
No	activities	dimensions L x B x H (mm)	weight (kg)
551408	soap or disinfectant providing on both hands at the same time, 1/3 of rotation	950 x 315/870 x 1175	62,8
551409	soap providing, hand washing (sink), 1/3 of rotation	950 x 315/870 x 1215	63,6
551410	soap and water providing, hand washing, disinfection on both hands, 1/3 of rotation	1380 x 315/870 x 1215	66,7
551412	soap and water providing, hand washing, disinfection on both hands, 1/3 of rotation	990 x 315/870 x 1310	65,4
551415	soap and water providing, hand washing, both hands drying at the same time, disinfection on both hands, 1/3 of rotation	1370 x 315/870 x 1310	38,3


551410


551412

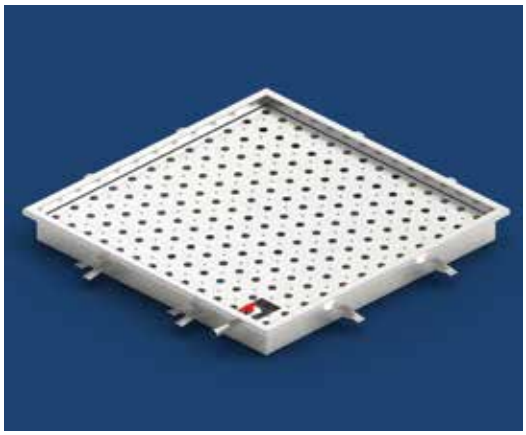

551415


hand washing chamber


polished hygienic tripod


hygienic feet

Shoes or trolleys wheels disinfection paddling 5515-



The structure is made of stainless steel 1.4301.
Water supply: 1/2".
Central water outlet: PVC ø 50 mm.
Removable grilles.
Disinfection depth: 30 mm.
Total depth: 200 mm.

No	length (mm)	width (mm)	weight (kg)
551501	800	800	29,0
551502	1000	800	31,5

automatic water and disifectant liquid supply

Shoes' disinfections stand 5516-

The stand's construction made of stainless steel 1.4301.
Water supply: 1/2".
Water drainage: PVC ø 50 mm.
Power supply: 230 V.
Control voltage: 24 V.
Width: 850 mm.
Automatic water and disinfectant liquid supply, automatic water complement.

VERSION WITH STEPS

No	disinfection length (mm)	draining length (mm)	total length (mm)	weight (kg)
551601	600	400	1600	74,0
551602	800	400	1900	88,0
551603	1000	600	2300	112,0

VERSION WITHOUT STEPS

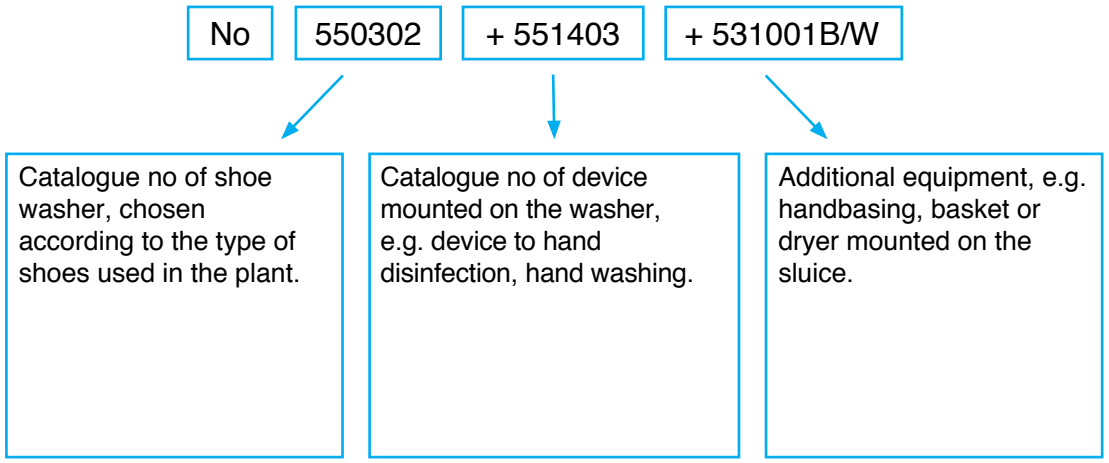
No	disinfection length (mm)	draining length (mm)	total length (mm)	weight (kg)
551701	600	400	1000	66,0
551702	800	400	1200	80,0
551703	1000	600	1600	104,0

DOSANOVA
Professional cleaning systems.

SANITARY SLUICES

In places where production zone and social zone of a food production plant meet there is required to install sanitary sluice.
Choosing the right solution depend on individual needs of the food processing plant.
Informations like size of the plant, the type of production process, employees equipment allow for the most optimal selection of washers, hands and shoes disinfection stands etc.
DOSANOVA products allow for composition of sanitary sluice elements.
Proper choice of equipment can be done on Your own or by DOSANOVA specialists.

HOW TO READ AND TO CHOICE EQUIPMENT



Hygienic sluices guide

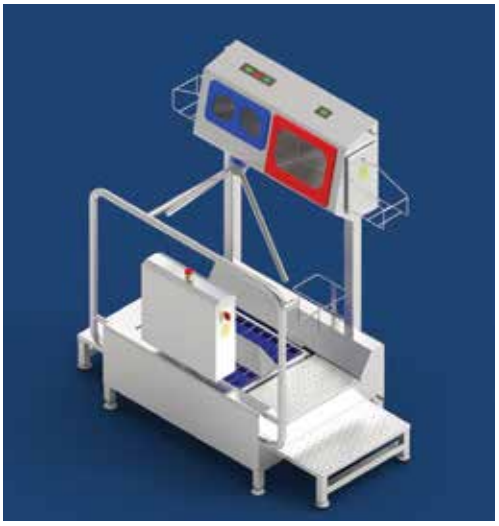
Hygienic sluices are available in three basic lines:
- Q LINE;
- H-LINE;
- SPECIAL SOLUTIONS.

The functions as well as the used materials and technical solutions are same. The lines differ in the location of the control cabinet, the containers for soap and liquid or housing shape.

The table contains basic varieties of sluice.
The pictograms specify the sluice functions. The length of the horizontal brushes (L_s), the total length (L) and the sluice width (B) are also given.

Each sluice is assigned the appropriate catalogue number.

When choosing a sluice, specify the catalogue number and side version (left or right).

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 300/1350 L_S/L = 600/1650 L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 970	550301 + 551403 550302 + 551403 550303 + 551403 550304 + 551403 550305 + 551403
		L_S/L = 600/1650 L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 970	550302 + 551413 550303 + 551413 550304 + 551413 550305 + 551413
		L_S/L = 600/1650 L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 970	550302 + 551404 550303 + 551404 550304 + 551404 550305 + 551404

SLUICES GUIDE – TYPE H

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 970	550303 + 551414 550304 + 551414 550305 + 551414
		L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 970	550303 + 551405 550304 + 551405 550305 + 551405
		L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 976	550303 + 551403 + 551303 + 552701 550304 +551403 + 551303 + 552701 550305 + 551403 + 551303 + 552701

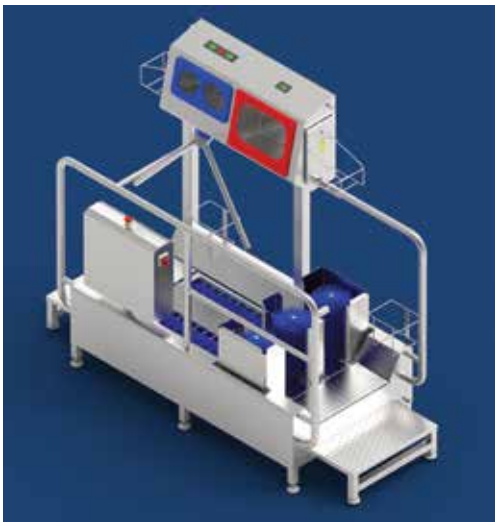
Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/2180 H = 70 L_S/L = 900/2530 H = 70 L_S/L = 1200/2930 H = 70 L_S/L = 600/2180 H = 150 L_S/L = 900/2530 H = 150 L_S/L = 1200/2930 H = 150 L_S/L = 600/2180 H = 300 L_S/L = 900/2530 H = 300 L_S/L = 1200/2930 H = 300 B = 970	550801 + 551403 550802 + 551403 550803 + 551403 550804 + 551403 550805 + 551403 550806 + 551403 550807 + 551403 550808 + 551403 550809 + 551403
		L_S/L = 600/2180 H = 70 L_S/L = 900/2530 H = 70 L_S/L = 1200/2930 H = 70 L_S/L = 600/2180 H = 150 L_S/L = 900/2530 H = 150 L_S/L = 1200/2930 H = 150 L_S/L = 600/2180 H = 300 L_S/L = 900/2530 H = 300 L_S/L = 1200/2930 H = 300 B = 970	550801 + 551404 550802 + 551404 550803 + 551404 550804 + 551404 550805 + 551404 550806 + 551404 550807 + 551404 550808 + 551404 550809 + 551404
		L_S/L = 1200/2930 H = 70 L_S/L = 1200/2930 H = 150 L_S/L = 1200/2930 H = 300 B = 970	550803 + 551405 550806 + 551405 550809 + 551405

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/2210 H = 70 L_S/L = 900/2540 H = 70 L_S/L = 600/2210 H = 150 L_S/L = 900/2540 H = 150 L_S/L = 600/2210 H = 300 L_S/L = 900/2540 H = 300 B = 1254	550801/P + 551403 550802/P + 551403 550804/P + 551403 550805/P + 551403 550807/P + 551403 550808/P + 551403
		L_S/L = 600/2210 H = 70 L_S/L = 900/2540 H = 70 L_S/L = 600/2210 H = 150 L_S/L = 900/2540 H = 150 L_S/L = 600/2210 H = 300 L_S/L = 900/2540 H = 300 B = 1254	550801/P + 551404 550802/P + 551404 550804/P + 551404 550805/P + 551404 550807/P + 551404 550808/P + 551404
		L_S/L = 1200/2850 H = 70 L_S/L = 1200/2850 H = 150 L_S/L = 1200/2850 H = 300 B = 1254	550803/P + 551405 550806/P + 551405 550809/P + 551405

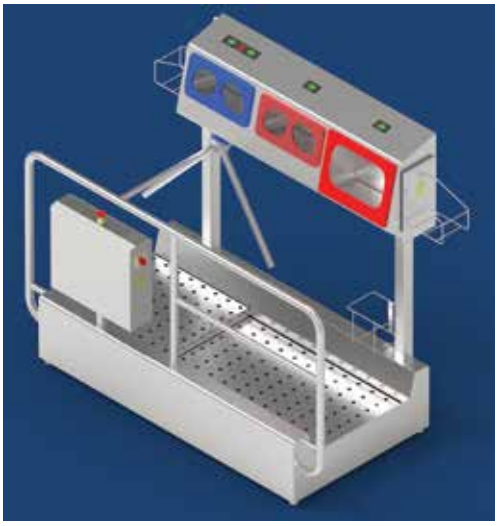
Photo	Functions	disinfection length / total length (mm)	No catalogue
		L_{DC} = 600/400 L = 1000 L_{DC} = 800/400 L = 1200 L_{DC} = 1000/600 L = 1600 B = 973	551701 + 551403 551702 + 551403 551703 + 551403
		L_{DC} = 600/400 L = 1000 L_{DC} = 800/400 L = 1200 L_{DC} = 1000/600 L = 1600 B = 973	551701 + 551404 551702 + 551404 551703 + 551404
		L_{DC} = 1000/600 L = 1600 B = 973	551703 + 551405

Photo	Functions	brushes length / total length (mm)	No catalogue
		L = 700 B = 1183	550701 + 551403
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 970	550810 + 551403 550811 + 551403 550812 + 551403
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 970	550810 + 551404 550811 + 551404 550812 + 551404

SLUICES GUIDE – TYPE H

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 970	550810 + 551405 550811 + 551405 550812 + 551405

- All photos show sluices in the right version, in the case of the order please indicate the version (right or left)
- L_{DC} - dimension of disinfection and draining in a sluice with a shoes' disinfection stand
- H - vertical brushes height

Sample

Sluice for low-heeled and high-heeled shoes (P-11)

Universal passage washer unit for low-heeled and high-heeled shoes, version with exit for workers in low-heeled shoes (550809/P) with additional shoes draining, access stand by hand disinfection (551403), hygienic sink 1-stand sensor-operated (531001B/W), handwipe dispenser (520503), cupboards for dirts (340402), baskets for containers with liquids (5522/K20)

ociekanie obuwia / shoes draining

zamykany kosz na pojemnik / locked basket for container

SLUICES GUIDE – TYPE Q

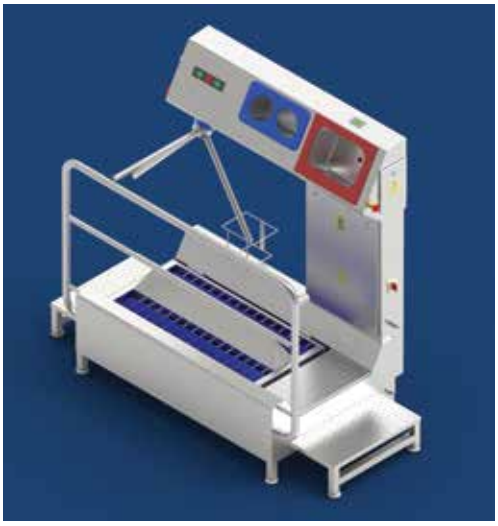
Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/1650 L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 935	550302 + 551408 550303 + 551408 550304 + 551408 550305 + 551408
		L_S/L = 600/1650 L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 935	550302 + 551412 550303 + 551412 550304 + 551412 550305 + 551412
		L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 935	550303 + 551410 550304 + 551410 550305 + 551410

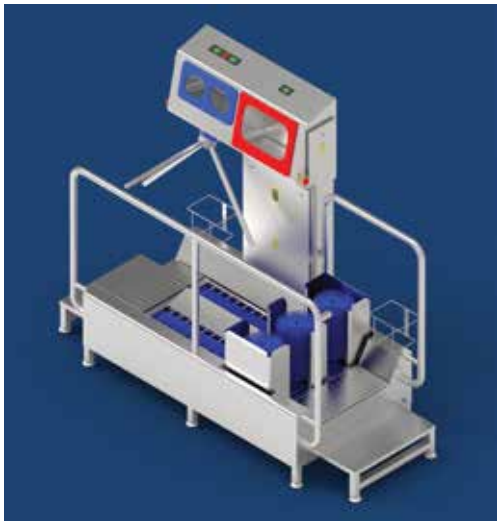
Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 900/1950 L_S/L = 1200/2300 L_S/L = 1500/2650 B = 935	550303 + 551415 550304 + 551415 550305 + 551415
		L_S/L = 600/2180 H = 70 L_S/L = 900/2530 H = 70 L_S/L = 1200/2930 H = 70 L_S/L = 600/2180 H = 150 L_S/L = 900/2530 H = 150 L_S/L = 1200/2930 H = 150 L_S/L = 600/2180 H = 300 L_S/L = 900/2530 H = 300 L_S/L = 1200/2930 H = 300 B = 935	550801 + 551408 550802 + 551408 550803 + 551408 550804 + 551408 550805 + 551408 550806 + 551408 550807 + 551408 550808 + 551408 550809 + 551408
		L_S/L = 600/2180 H = 70 L_S/L = 900/2530 H = 70 L_S/L = 1200/2930 H = 70 L_S/L = 600/2180 H = 150 L_S/L = 900/2530 H = 150 L_S/L = 1200/2930 H = 150 L_S/L = 600/2180 H = 300 L_S/L = 900/2530 H = 300 L_S/L = 1200/2930 H = 300 B = 935	550801 + 551412 550802 + 551412 550803 + 551412 550804 + 551412 550805 + 551412 550806 + 551412 550807 + 551412 550808 + 551412 550809 + 551412

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 1200/2930 H = 70 L_S/L = 1200/2930 H = 150 L_S/L = 1200/2930 H = 300 B = 935	550803 + 551415 550806 + 551415 550809 + 551415
		L_S/L = 600/2210 H = 70 L_S/L = 900/2540 H = 70 L_S/L = 600/2210 H = 150 L_S/L = 900/2540 H = 150 L_S/L = 600/2210 H = 300 L_S/L = 900/2540 H = 300 B = 1229	550801/P + 551408 550802/P + 551408 550804/P + 551408 550805/P + 551408 550807/P + 551408 550808/P + 551408
		L_S/L = 600/2210 H = 70 L_S/L = 900/2540 H = 70 L_S/L = 600/2210 H = 150 L_S/L = 900/2540 H = 150 L_S/L = 600/2210 H = 300 L_S/L = 900/2540 H = 300 B = 1229	550801/P + 551412 550802/P + 551412 550804/P + 551412 550805/P + 551412 550807/P + 551412 550808/P + 551412

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 1200/2850 H = 70 L_S/L = 1200/2850 H = 150 L_S/L = 1200/2850 H = 300 B = 1229	550803/P + 551415 550806/P + 551415 550809/P + 551415
		L_{DC} = 600/400 L = 1000 L_{DC} = 800/400 L = 1200 L_{DC} = 1000/600 L = 1600 B = 950	551701 + 551408 551702 + 551408 551703 + 551408
		L_{DC} = 600/400 L = 1000 L_{DC} = 800/400 L = 1200 L_{DC} = 1000/600 L = 1600 B = 950	551701 + 551412 551702 + 551412 551703 + 551412

SLUICES GUIDE – TYPE Q

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_{DC} = 1000/600 L = 1600 B = 950	551703 + 551415
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 978	550810 + 551408 550811 + 551408 550812 + 551408
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 978	550810 + 551412 550811 + 551412 550812 + 551412

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/2120 L_S/L = 900/2470 L_S/L = 1200/2870 B = 978	550810 + 551415 550811 + 551415 550812 + 551415

- All photos show sluices in the right version, in the case of the order please indicate the version (right or left)
- L_{DC} - dimension of disinfection and draining in a sluice with a shoes' disinfection stand
- H - vertical brushes height

Przykład / Sample

One-direction sluice for medium-heeled shoes (P-9)

Universal passage washer unit for medium-heeled shoes (550804) with side entrance and exit (because of room layout), access stand by hand disinfection (551403), hygienic sink 2-stand sensor-operated (531002B/W), soap distributor (520701), hand dryer (552701)

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 300/1800 H = 300 B = 1207	550501/AE + 551403
		L_S/L = 300/1800 H = 300 B = 1207	550501/AE + 551404
		L_S/L = 300/2300 L_{DC} = 400/500 L_S/L = 600/2600 L_{DC} = 400/500 L_S/L = 900/2950 L_{DC} = 400/500 B = 974	552201 + 551403 552202 + 551403 552203 + 551403

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 300/2300 L_{DC} = 400/500	552201 + 551404
		L_S/L = 600/2600 L_{DC} = 400/500	552202 + 551404
		L_S/L = 900/2950 L_{DC} = 400/500	552203 + 551404
		B = 974	
		L_S/L = 300/2300 L_{DC} = 400/500	552201 + 551412
		L_S/L = 600/2600 L_{DC} = 400/500	552202 + 551412
		L_S/L = 900/2950 L_{DC} = 400/500	552203 + 551412
		B = 974	
		L_S/L = 900/2950 L_{DC} = 400/500	552203 + 551403 + 531001B/W + 520701 + 552701
		B = 1014	

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 300/2300 L_{DC} = 400/500 L_S/L = 600/2600 L_{DC} = 400/500 L_S/L = 900/2950 L_{DC} = 400/500 B = 974	552201 + 551405 552202 + 551405 552203 + 551405
		L_S/L = 300/2300 L_{DC} = 400/500 L_S/L = 600/2600 L_{DC} = 400/500 L_S/L = 900/2950 L_{DC} = 400/500 B = 974	552201 + 551415 552202 + 551415 552203 + 551415
		L_S/L = 600/2330 L_S/L = 900/2660 L_S/L = 1200/2990 B = 990	550813 + 551403 550814 + 551403 550815 + 551403

Photo	Functions	brushes length / total length (mm)	No catalogue
		L_S/L = 600/2330 L_S/L = 900/2660 L_S/L = 1200/2990 B = 990	550813 + 551408 550814 + 551408 550815 + 551408
		L_S/L = 600/2330 L_S/L = 900/2660 L_S/L = 1200/2990 B = 990	550813 + 551404 550814 + 551404 550815 + 551404
		L_S/L = 600/2330 L_S/L = 900/2660 L_S/L = 1200/2990 B = 990	550813 + 551412 550814 + 551412 550815 + 551412

Hygienic center SIMPLE 5523-

The device made of stainless steel 1.4301.
Sectional rotary brush for sole and top for low-heeled shoes - initiate by switch.
Automatic intake of washing liquid.
Sensor cell handbasin, sensor cell in splashback.
Manual liquid soap dispenser and disinfectant liquid dispenser.
Handwipe dispenser.
Basket for paper towels.
Power supply: 400 V, 50 Hz.
Drive: 0,25 kW, IP 55.
Water supply: 1/2”.
Water drainage: ø 50 mm on the back side.
Controlling voltage: 24 V.

No	length (mm)	width (mm)	height (mm)	weight (kg)
552301	910	440	1420	50,0

Hygienic center COMBI 5524-

The device made of stainless steel 1.4301.
Sectional rotary brush for sole and top for low-heeled shoes - started by sensor switch.
Automatic intake of washing liquid.
Sensor cell handbasin, sensor cell in splashback.
Manual liquid soap dispenser.
Hands disinfection with using drying-fast disinfection liquid.
Controlling lamp confirm disinfection procedure (red-green).
Handwipe dispenser and basket for paper towels.
The stand co-operates with access gates 5526- or access stands 5514-.
Power supply: 400 V, 50 Hz, 0,3 kW.
Drive: 0,25 kW, IP 65.
Water supply: 1/2”.
Water drainage: ø 50 mm in the splashback.
Controlling voltage: 24 V, PLC Siemens LOGO!

No	length (mm)	width (mm)	height (mm)	weight (kg)
552401	850	1210	1950	136,0

DOSANOVA
Professional cleaning systems.

Automatic Hygienic Center (ACH) 5525-

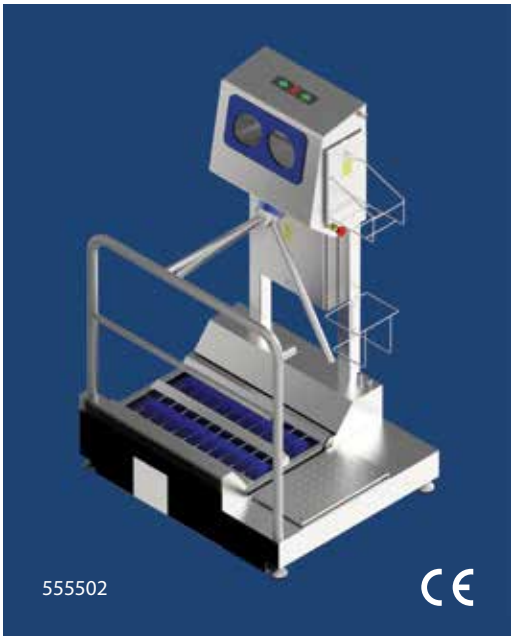
552501

552502

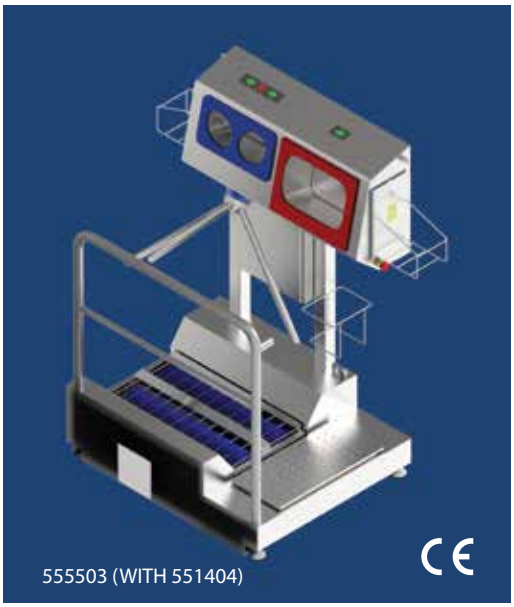
The device made of stainless steel 1.4301.
Automatic functions: hands washing (application of soap, water), hands disinfection, boots sole and top washing.
Additionally the dispenser for paper towels, removable basket (552501) or electric hand dryer (552502).
Lockers for the containers 5 l with disinfection liquid and soap.
Water supply: 1/2".
Water drainage: PVC ø 50 mm.
Supply voltage: 400 V, 50 Hz, 0,3 kW (552501) or 2,5 kW (552502).
IP65.
Control voltage 24 V, PLC Siemens LOGO!
Drive: 0,25 kW.
The device co-operates with electromagnetic door lock, a half-open access gate or a rotary access gate.

No	length (mm)	width (mm)	height (mm)	weight (kg)
552501	1000	500	1500	96,0
552502	1000	500	1500	100,0

Sanitary sluice MINIMAX 5555-


555502

Small, economical, fully functional solution of the hygiene sluice.
Small sizes have great possibilities.
Subtle, stabile construction of the device made of stainless steel 1.4301.
Low, flat (not required entry steeps) part of low-heeled shoes soles washing and disinfecting with two rotary brushes of a diameter of ø 180 mm.
Brush length: 300, 600, 900 or 1200 mm.
Easy, without tools brushes removal and access to their drives.
Integrated hand disinfection. Two nozzles in the openings of the hand disinfection device are activated by sensors and spray both hands simultaneously. Proper hand disinfection is confirmed by light (red - green) and releases turnstil at 1/3 of rotation.
Gentle push the employee out from the stand.
Power supply: 400 V, 50 Hz.
Drive: 2 x 0,25 kW, IP 65.
Control voltage: 24 V.
Controlling and programming: PLC Siemens LOGO!
Drive : AT.SPRING No 551400-ST-01.
Water supply: 1/2”.
Water drainage: PVC ø 50 mm (from side with access window).
Vent air spray button.
Two baskets for 5 l container of liquid.
Height: 1550 mm.
Width: 880 mm.
Possibility to work both directions.


555503 (WITH 551404)

No	brushes length (mm)	total length (mm)	weight (kg)
555501	300	730	97,0
555502	600	1040	116,0
555503	900	1350	135,0
555504	1200	1660	190,0


light control (red-green)

Sanitary sluice with sole washer TOP 5503-

Low and flat (entry steps not required) casing made of stainless steel materials 1.4301. High, double-sided edging, brushes removable without tools, made of PBT 1 mm.
Easy access to the motor.
Water supply: 1/2".
Water drainage: PVC ø 50 mm, with side access.
Power supply: 400 V, 50 Hz.
Drive: 2 x 0,25 kW, IP 65.
Control voltage: 24 V, Siemens LOGO!
Automatic washing liquid supply.
Starting: switch placed in holder (M) or sensor (F).
On the TOP washer can be installed access stands by hand hygiene, no cat. 551403, 551404 or 551405.

No	brushes L (mm)	length (mm)	width (mm)	height (mm)	weight (kg)
550311	300	1050	850	1100	120,0
550312	600	1380	850	1100	140,0
550313	900	1710	850	1100	160,0
550314	1200	2040	850	1100	185,0
550315	1500	2370	850	1100	210,0

double-acting system ordered additionally (2F) or (2M)

Half-open access gate 5526-

Gate made of stainless steel 1.4301.
The stainless steel one-side working hinge.
Fixing to the floor.
Plastic shield masking the fixing screws.
Left of right opening side.

No	length (mm)	height (mm)	weight (kg)
552601	740	900	23,0
552602	820	900	36,0

- left or right opening-side

- version 552602 with additional post and electroshock

Mechanical rotary access gate 552603

Gate designed to assist in controlling passage of people.
One-way action gate forcing movement in one direction and blocking in the other.
Body and support structure made of stainless steel 1.4301.
Left or right opening side.
Hanged on a wall or support structure.

No	length (mm)	width (mm)	height (mm)	weight (kg)
552603	820	800	1000	14,0

Dryers

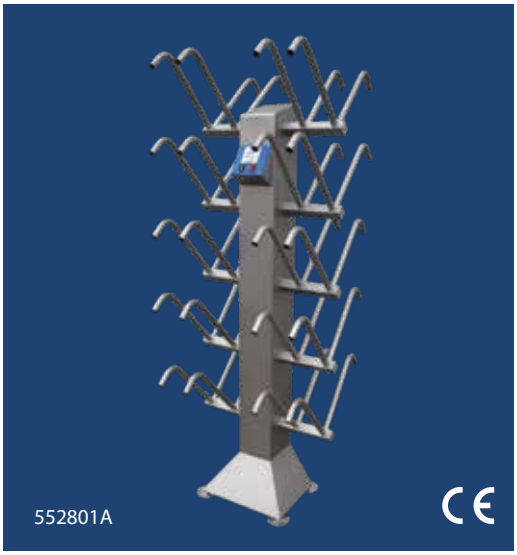
Hand dryer 5527-

Efficient drying (approx. 10 sec.) of both hands placed in a “pocket” with a strong steam of air.
Starting by sensor.
LCD screen with animated user guide.
Removable water receptacle prevents any water trickling down the wall or onto the floor.
Power: 850 W. IP22.
Air speed: 310 km/h.
Made of plastic color grey.

No	length (mm)	width (mm)	height (mm)	weight (kg)
552701	292	250	650	11,5

Two-sided dryer for working footwear 5528-

OZON



Structure of the dryer is made of stainless stell 1.4301.
Hot ozoned air drying temperature ~30°C.
Temperature control and time-lag switch.
Working hours for 7 days a week programmer.
Arms direct up or down.
3 types of arms end to individual choice.
Heat power: 2 kW.
Fan: 270 m^3/h.
Voltage: 230 V, 50 Hz.
Controlling voltage: 24 V.

Versions:

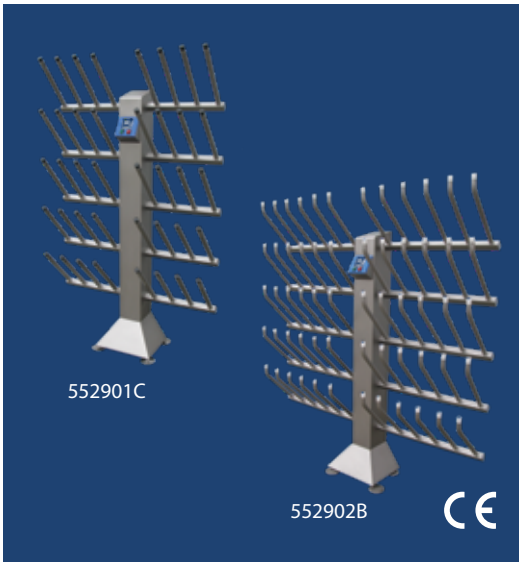
1. arms direct up - type A or B
2. arms direct down - type A or B
3. arms straight - type C
4. adapter for drying gloves - type D

Programator / programmer:

No		length (mm)	width (mm)	height (mm)	weight (kg)
552801	20 pairs	580	640	1900	42,0
552802	40 pairs	1100	640	1900	55,5

for low-heeled shoes we suggest dryer arms direct up

One-sided dryer for working footwear 5529-



Structure of the dryer is made of stainless stell 1.4301.
Hot ozoned air drying temperature ~30°C.
Temperature control and time-lag switch.
Working hours for 7 days a week programmer.
Arms direct up or down.
3 types of arms end to individual choice.
Heat power: 2 kW.
Fan: 270 m³/h.
Voltage: 230 V, 50 Hz.
Controlling voltage: 24 V.

Versions:

1. arms direct up - type A or B
2. arms direct down - type A or B
3. arms straight - type C
4. adapter for drying gloves - type D

Programator / programmer:

No		length (mm)	width (mm)	height (mm)	weight (kg)
552901	20 par / 20 pairs	1100	370	1900	45,0
552902	30 par / 30 pairs	1650	370	1900	53,0

for low-heeled shoes we suggest dryer arms direct up

Dryer for working footwear ECO 5530-

Structure of the dryer made of stainless steel 1.4301.
Easy using - temperature control and time-lag switch.
Air drying temperature ~40°C.
Voltage: 230 V, 50 Hz.
553001 and 553003 - version mounted to the wall;
553002 and 553004 - free-standing version.

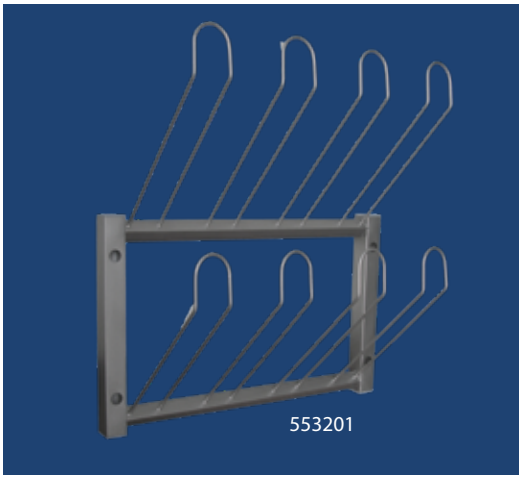
No	quantity of pairs	length (mm)	width (mm)	height (mm)	power (KW)	weight (kg)
553001	12	1000	400	1000	0,6	32,5
553002	12	1000	400	1500	0,6	36,0
553003	18	1000	400	1400	0,9	46,0
553004	18	1000	400	1800	0,9	50,0

Universal rack for working footwear 5531-

The rack made of stainless steel 1.4301.
The rack for storage and drying of low or high-heeled working footwear. Mounted to the wall.

No	quantity of pairs	dimensions L x B x H (mm)	weight (kg)
553101	2	520 x 140 x 250	1,9
553102	3	780 x 140 x 250	2,7
553103	4	1040 x 140 x 250	3,5
high-heeled working footwear			
553104	2	520 x 270 x 430	2,7
553105	3	780 x 270 x 430	3,9
553106	4	1040 x 270 x 430	5,2

Multi-level rack for low or high-heeled working footwear 5532-

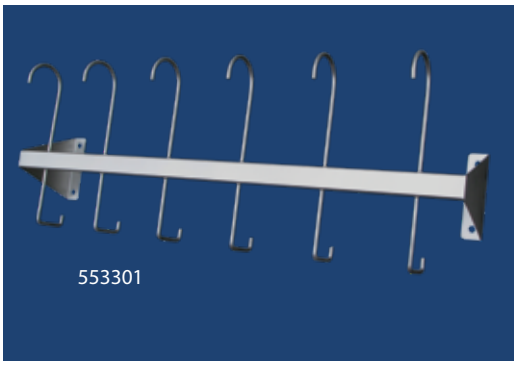


The rack made of stainless steel 1.4301.
The rack for storage and drying of low or high-heeled working footwear.
The rack width: 640, 960 or 1280 mm.
Mounted to the wall.

No	quantity of pairs	quantity of levels	dimensions L x B x H (mm)	weight (kg)
553201	4	2	640 x 260 x 690	4,2
553202	6	3	640 x 260 x 1040	6,6
553203	8	4	640 x 260 x 1390	9,4
553204	10	5	640 x 260 x 1740	11,8
553205	12	6	640 x 260 x 2090	15,0
553206	6	2	960 x 260 x 690	5,8
553207	9	3	960 x 260 x 1040	8,9
553208	12	4	960 x 260 x 1390	12,2
553209	15	5	960 x 260 x 1740	15,5
553210	18	6	960 x 260 x 2090	18,5
553211	8	2	1280 x 260 x 690	7,2
553212	12	3	1280 x 260 x 1040	11,2
553213	16	4	1280 x 260 x 1390	15,4
553214	20	5	1280 x 260 x 1740	19,6
553215	24	6	1280 x 260 x 2090	23,8

numbering for special order

Rack for working clothes „S” type 5533-

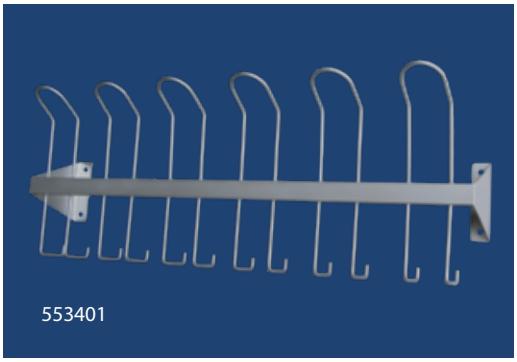


The rack made of stainless steel 1.4301.
The rack for aprons, caps, helmets.
Mounted to the wall.

No	quantity of hooks	dimensions L x B x H (mm)	weight (kg)
553301	6	800 x 175 x 280	1,8
553302	8	1070 x 175 x 280	2,3
553303	10	1340 x 175 x 280	2,8

- numbering for special order

Rack for working clothes „2S” type 5534-

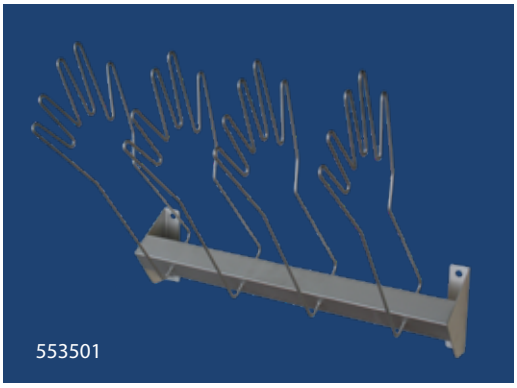


The rack made of stainless steel 1.4301.
The rack for personal equipments, clothes.
Mounted to the wall.

No	quantity of hooks	dimensions L x B x H (mm)	weight (kg)
553401	6	800 x 180 x 310	2,3
553402	8	1070 x 180 x 310	3,0
553403	10	1340 x 180 x 310	3,7

- numbering for special order

Rack for gloves 5535-



The rack made of stainless steel 1.4301.
The rack for storage and drying of gloves.
Mounted to the wall.

No	quantity of pairs	dimensions L x B x H (mm)	weight (kg)
553501	2	520 x 320 x 430	1,8
553502	3	780 x 320 x 430	2,5
553503	4	1040 x 320 x 430	3,3

- numbering for special order

Apron dryer rack 5540-

The dryer is made from stainless steel 1.4301.
Capacity: 10 aprons on 10 removable hangers.

No		length (mm)	width (mm)	height (mm)	weight (kg)
554001	- free-standing	1200	800	1800	26,0
554002	- wall mounted	800	800	1800	20,0

Apron drying and disinfecting cabinet 5541-

The cabinet is made from stainless steel 1.4301.
Hot ozoned air drying and disinfecting temperature ~35°C.
Temperature control.
7 days time programmer.
Heater power: 2 kW.
Fan: 380 m^3/h.
Voltage: 230 V, 50 Hz.
Controlling voltage: 24 V.

No	quantity of aprons	length (mm)	width (mm)	height (mm)	weight (kg)
554101	20	1400	400	2300	58,0
554102	40	1400	750	2300	71,0

One-raw industrial cupboard 3401-

Cupboard made of stainless steel 1.4301.
Roof inclined 30°.
Lock-up door.
One shelf - 200 mm from the cupboard top. Hanger with 3 hooks.
Height: 2100 mm.
Width: 500 mm. Option: passkey.

No	length (mm)	no of doors	weight (kg)
340101	310	1	24,0
340102	590	2	48,0
340103	870	3	71,0
340104	1155	4	94,0
340105	1440	5	119,0

Two-raw industrial cupboard 3402-

Cupboard made of stainless steel 1.4301.
Roof inclined 30°.
Door divided into two parts, each one with lock.
Height: 2100 mm.
Width: 500 mm.
Option: passkey.

No	length (mm)	no of doors	weight (kg)
340201	310	1 + 1	31,0
340202	590	2 + 2	51,0
340203	870	3 + 3	71,0
340204	1155	4 + 4	91,0
340205	1440	5 + 5	111,0

Industrial cupboard for equipment 3403-

Cupboard made of stainless steel 1.4301.
Roof with a slope of 30°.
Lock-up doors.
Height: 2100 mm.
Width: 400 mm.
Option: passkey.

No	length (mm)	height (mm)	no of doors	weight (kg)
340301	2100	2100	2 large, 40 small	155,0
340302	1600	2100	2 large, 28 small	98,0
340303	545	2100	12 small	39,0
340304	1065	1700	16 small	57,0

Dirty clothes cupboard 3404-

Cupboard made of stainless steel 1.4301.
Front door equipped with a hopper window. Beneath the window - clothes bag holder.
Bag capacity ~ 140 l or 120 l.
Extra shelf above the window - cat. no 340401.

No	length (mm)	width (mm)	height (mm)	weight (kg)
340401	700	400	1800	46,0
340402	400	400	1600	30,0

Dirty clothes changing room set 3405-

Cupboard is made of stainless steel 1.4301.
Top and side cabinets with identification plates or numbers are locked; designed to store personal items.
The seat is made of plastic, H = 400 mm.

Hanger:

Cabinets numbering:

No		L x B x H (mm)	weight (kg)
340501	5 cabinets	1500 x 700 x 2100	61,0
340502	10 cabinets	1500 x 700 x 2100	73,0
340503	12 cabinets	2400 x 550 x 2045	66,0
340504	15 cabinets	1500 x 700 x 2100	85,0

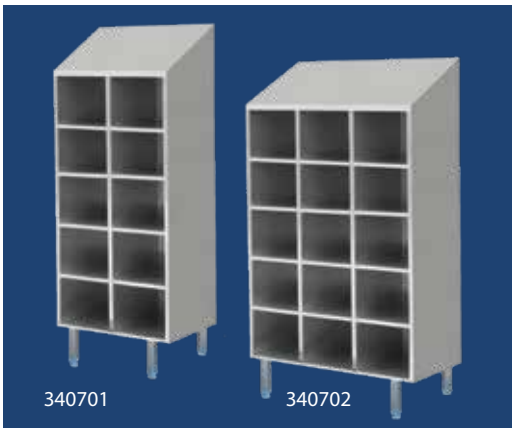
- hanger ordered additionally, no cat. 341001
- to order cabinets numbering
- the seat color of Customer choice
- with shelf for shoes - for chosen catalogue no should be added „P" e.g. 340503/P

Clean clothes changing room set 3406-

Structure of the set is made of stainless steel 1.4301.
340601 - shelf and stick for clean clothes, the seat is made of plastic, seat height 450 mm.
340602 and 340603 - changing room set ECO - economical changing room set for 3-4 persons (340602) or 6-8 persons (340603), the seat is made of plastic, shelf for shoes, hooks for clothes.

No	L x B x H (mm)	weight (kg)	
340601	1525 x 700 x 2100	63,5	
340602	960 x 450 x 1800	31,0	one-sided
340603	960 x 900 x 1800	58,0	two-sided

Clean clothes shelves 3407-



The shelves are made from stainless steel 1.4301.
Designed for clean working clothes.
Shelf size: 250 x 400 x H300 mm.

No			L x B x H (mm)	weight (kg)
340701	10 shelves		575 x 400 x 2100	39,0
340702	15 shelves		850 x 400 x 2100	52,0
340703	20 shelves		1125 x 400 x 2100	65,0
340704	25 shelves		1400 x 400 x 2100	79,0
340705	8 shelves	with seat	575 x 650 x 2010	56,0
340706	12 shelves		850 x 650 x 2010	62,0
340707	16 shelves		1125 x 650 x 2010	71,0
340708	20 shelves		1400 x 650 x 2010	85,0

One-row bench with shelf for shoes 3408-

Structure made of stainless steel 1.4301.
Plastic seat.
Height: 420 mm.
Shelf for low, medium and high shoes up to heigh of 350 mm.

No	length (mm)	width (mm)	weight (kg)
340801	1000	350	15,0
340802	1500	350	21,0
340803	2000	350	30,0

Two-row bench with sections for shoes 3409-

Structure made of stainless steel 1.4301.
Plastic seat.
Height: 420 mm.
Shelf for low and medium shoes.

No	length (mm)	width (mm)	pairs of shoes	weight (kg)
340901	1000	350	6	30,0
340902	1500	350	10	42,0
340903	2000	350	14	55,0

Dining room set 1324-

Table and stools structure made of stainless steel 1.4301.
Table top and stool seat made of plastic.
Stools slid under the table.
Table height: 755 mm.

No	length (mm)	width (mm)	weight (kg)	
132401	1200	800	41,0	to 6 stools
132402	1800	800	55,0	to 8 stools
132403	350	350	1,5	taboret H = 450 mm / stool H = 450 mm

STAINLESS STEEL MAINTENANCE AND CLEANING

1. INTRODUCTION

The products of our company are made of 1.4301 (304) grade stainless steel.
1.4301 (304) grade stainless steel is austenitic chrome-nickel low carbon steel. It is used in food and chemical industry equipment, etc. This steel is corrosion-resistant in the atmospheric environment, natural water, alkali solutions and some organic and inorganic acids.
Chemical composition of 1.4301 (304) grade stainless steel:
C < 0.03%;
Si < 1.0%;
Mn < 2.0%;
P < 0.045%;
S < 0.015%;
N < 0.011%;
Cr = 18.0%-20.0%;
Ni = 10.0%-12.0%

2. PASSIVE LAYER

In stainless steels, oxygen reacts with chrome atoms contained in steel. Chrome atoms and oxygen form a layer of chromium oxide which provides a natural protection against corrosion factors. The above phenomenon is called a surface passivation reaction, hence the resulting protective layer is referred to as a passive layer.

3. CORROSION

Although, the passive layer is formed on stainless steel surfaces, there are cases when it corrodes due to the following conditions:

- influence of hydrochloric acid and chlorine,
- no ongoing maintenance which leads to the formation of strong acid solutions on steel walls (water evaporates and an acid solution remains),
- an environment more aggressive than steel provided for it;
- contamination during installation and manufacture (lime, cement, foreign metallic inclusions as a result of using angle grinders nearby or unsuitable assembly tools),
- contact with normal carbon steel (scratching with black steel during transportation or storage),
- insufficient room ventilation or even their absence in aggressive environments (there must always be an air flow in ventilation ducts).

Pitting corrosion is the most frequently occurring corrosion caused by inappropriate stainless steel maintenance, more specifically due to the use of chlorinated cleaning agents.

4. MAINTENANCE AND CLEANING

When using stainless steel furniture and equipment, a layer of chromium oxide present on the steel surface must be taken care of. Compounds used in gastronomy and food industry which disturb the passive layer (chromium oxide) include compounds containing chlorides – salt, disinfectants and acids (water from sauerkraut, cucumbers, acid juices, vinegar, etc.). Water is the most effective neutraliser of chlorides and weak acids.
Of course, each material requires to be kept clean. Stainless steel is not an exception to this rule and each user must be aware that regular cleaning and maintenance of stainless products is required.
Cleaning should remove dirt and sediments, which left for too long on a stainless steel surface may initiate corrosion and tarnishing of the surface. In a highly contaminated or aggressive environment (seaside towns, rooms of increased humidity and temperature, rooms requiring frequent use of disinfectants, in particular containing chloride compounds), cleaning should be done more frequently. The frequency of cleaning should be empirically determined.
In order to prevent a surface of stainless steel equipment from being destroyed due to inappropriate maintenance, the following guidelines should be complied with:

- The following should not be used: agents containing chlorides and bleach or – under no circumstances - silver cleaners.
- Steel wool, sand paper, rough cleaners, scouring, grinding and polishing powders, etc. shall not be used as they scratch the surface.
- Steel pads for scouring or wire brushes shall not be used – they can leave sediments of carbon steel on the surface which will eventually lead to material rusting.
- First discolouration and dusts appearing during material use can be removed with a regular piece of cloth, chamois leather or a nylon sponge in case of higher contaminations.

- If iron particles generated during installation, etc. appear on stainless steel components, they should be immediately removed. Such sediments should be removed mechanically or with stainless steel cleaning agents.
- If there are pits on a component, they should be pickled with acid or removed mechanically.
- Local discolouration, grease marks – if small, they can be removed with soap water.
- **Products for cleaning stainless steel and alcohol-based preparations can be used for cleaning – they do not pose a threat to the corrosion properties of stainless steel.**
- After cleaning, it is always recommended to polish the surface with a dry piece of cloth.

The table below presents the most frequent types of contaminations and methods of handling:

Contaminations	Cleaners
Finger marks	Water with soap and detergent Glass cleaning agents without chlorides
Lime sediment	Vinegar-water solution
Oils and greases	Alcohol-based agents (only with methyl alcohol, isopropyl alcohol) Solvents, e.g. acetone
Paints	Agents for removing paint coating, based on alkaline compounds or solvents
Cement and mortar	Solvent containing a small amount of phosphoric acid, then water
Iron particles – from tools and after contact with structural steel	At an early stage – mechanically If pits appear – with pickling and passivating pastes

The frequency of cleaning components made of stainless steel is individual – it all depends on the degree of wear and contamination. It should be done in such intervals so as to reduce the risk of stainless steel component rusting. It is recommended to clean every 6 months at minor contaminations and every 3 months at higher contaminations.

5. OHS RULES

Prior to proceeding with cleaning, it is absolutely required to read data sheets of products applied for cleaning and follow manufacturers' guidelines. It is necessary to use personal protective equipment, ensure adequate ventilation and pay attention to fire hazards.