



## Hand Basins

## Boot Cleaning Machines

## Hygiene Lock

## Washing Machines



## Brooms, Scrubbers, Brushes for the Food Processing Industry

## Shoes for the Food Processing Industry





# Hygiene in the Production Process

Hygiene starts end ends with clean hands – and optimal washing facilities

## Hand-Basins

Order No. 3 000 000 635 **sensor operated**  
Order No. 3 000 000 638 **floor column**

The body of these top-quality models is made of stainless steel 1.4301 and has been carefully welded to the basin itself to eliminate edges, furrows and seams – places which normally act as magnets for dirt and microbes. All the accessories available for our washing facilities can be connected to the rear guard of the basin which features a chrome-plated water spout equipped with a mousseur, an electronic control unit, sensors, magnetic valves and a mixing valve for water temperatures between 35°C and 65°C.

The magnetic valve is opened and closed by means of a knee-operated switch so people will feel less inclined to keep the water running at all times. Result: water consumption is reduced considerably.

All materials including electronic components, control etc. are manufactured in Germany or within the European Union. The EU-plug ensures that the basin can be connected immediately after delivery and a high level of product safety is guaranteed by the operating voltage of 24 V. The free standing model has a fully closed rear section and comes with a base column into which the floor brackets have already been integrated.

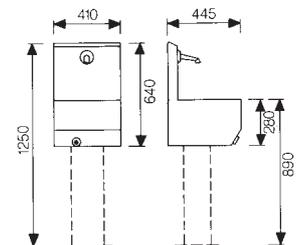
The hand-basin can also be equipped with a knee-operated automatic valve, which can be adjusted to individual preferences and does not need an electric connection.

This is also true for our battery-powered models which are equipped with a specially designed electronic system, an extremely economic photoelectric cell and a mixing valve.



### Technical Data:

Water feed: R 1/2"  
Drain: R 1/2"  
Electric Mains: 230V 50Hz  
Control Voltage: 24V  
Power: 16VA



### Accessories:

Wall mounted model:  
Order No. 3 000 000 636 **knee-operated valve**  
Order No. 3 000 000 637 **battery-powered**

Floor mounted model:  
Order No. 3 000 000 644 **knee-operated valve**  
Order No. 3 000 000 645 **battery-powered**

HYGIENE IN THE PRODUCTION PROCESS





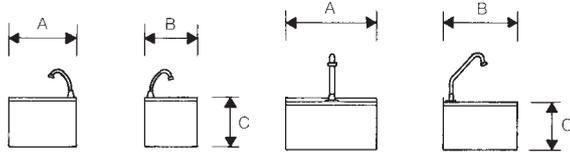
Top quality at a low price – typical for our products

## Cleaning Basins

Order No. 3 000 000 646 sensor operated 415 x 315 x 300  
 Order No. 3 000 000 648 sensor operated 550 x 450 x 300

The low-cost alternative to our hand-basins is made entirely of stainless steel 1.4301 and has been lined on three sides with stainless steel sheets (wall brackets included). The basin features a chrome-plated spout, a mixing valve for water temperatures between 35°C and 65°C and is available with a knee-operated mechanical switch or an electronic proximity switch.

The smaller and more compact model is especially suitable for all those places where space is restricted. Thus the spout has been mounted on the right side of the basin.



*Technical Data:*  
 Water feed: R 1/2"  
 Drain: R 1 1/2"  
 Electric Mains: 230 V, 50 Hz  
 Power: 10 VA

### Cleaning Basins with

Order No. 3 000 000 647 knee-operated valve 415 x 315 x 300  
 Order No. 3 000 000 649 knee-operated valve 550 x 450 x 300



## Washing Facility for Small Items

Order No. 3 000 000 650 wall-mounted 800 x 600 x 1100  
 Order No. 3 000 000 651 free-standing 800 x 600 x 1500

The basin is made entirely of stainless steel 1.4301 (all surfaces brushed) and represents the ideal solution for cleaning knife baskets, protective gloves, and other small items by means of a "jet"-gun (please order separately).

Cleaning jobs become child's play because compressed air is automatically added to the water jet. This "torrent" not only reduces water consumption but also ensures a more effective way of cleaning all kinds of surfaces.

*Technical Data*  
 Water feed: 1/2"  
 Drain: 1 1/2"  
 Air feed: 1/2"

## „Jet“-Pistol

Order No. 3 000 000 652  
 This perfect tool for cleaning small items is made entirely of rustproof materials (fittings for air and water included).



HYGIENE IN THE PRODUCTION PROCESS

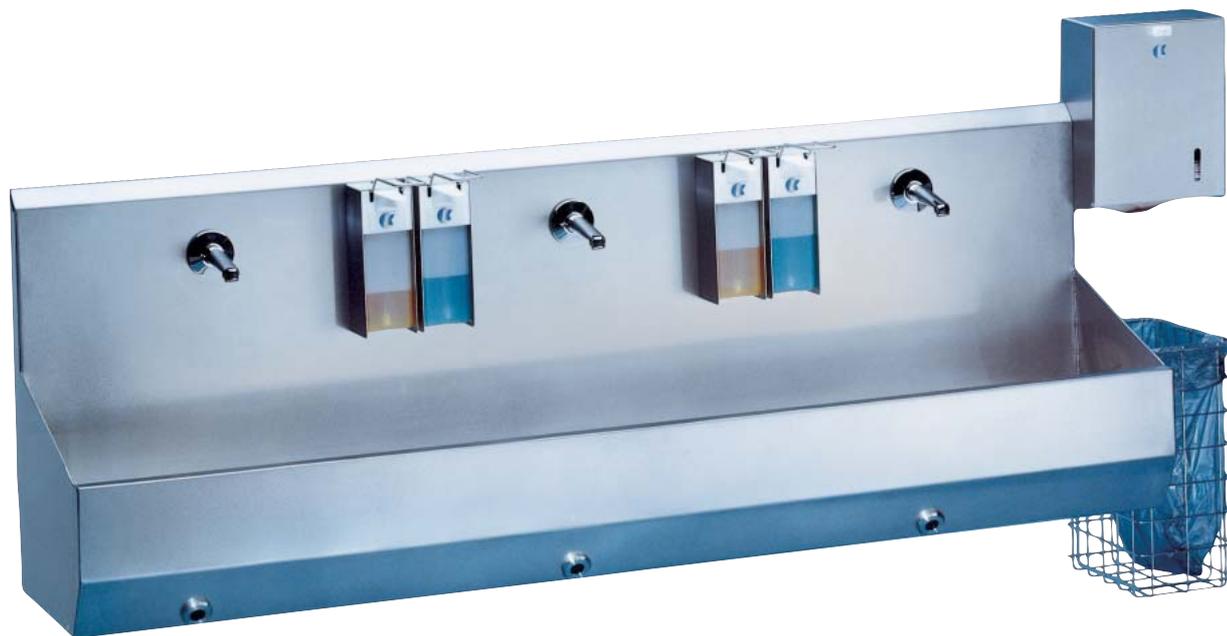


# Hygiene in the Production Process

Every little detail of our washing facilities has to pass a strict set of quality inspections

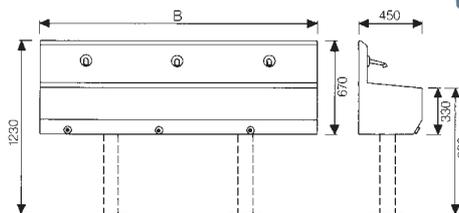
## Wash basins

For 2, 3 or 4 people (please inquire about larger versions) – all components are made off stainless steel 1.4301.. All the accessories available for our washing facilities can be mounted to the rear guard of the basin which features a chrome-plated water spout equipped with a mousseur, an electronic control unit, sensors, magnetic valves and a mixing valve for water temperatures between 35°C and 65°C. The even, extra-strong finish of the basins sides allows flush fitting to the wall in niches and corners and the special position of the sensors reduces the water consumption. Our wash-basins are also available with a knee-operated valves and as wall-mounted and free-standing models.



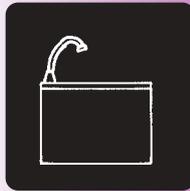
	Model	Width mm	Washing places	Drain
Order No. 3 000 000 653	Wall-mounted	1300	2	Concentric
Order No. 3 000 000 654	Wall-mounted	1950	3	Concentric
Order No. 3 000 000 655	Wall-mounted	2600	4	Concentric
Order No. 3 000 000 656	Free-standing	1300	2	Concentric
Order No. 3 000 000 657	Free-standing	1950	3	Concentric
Order No. 3 000 000 658	Free-standing	2600	4	Concentric

Water feed: R 1/2"  
 Drain: R 1 1/2", concentric  
 Mains supply: 230 V, 50 Hz  
 Control voltage: 24 V  
 Power: 16 VA per washing place



HYGIENE IN THE PRODUCTION PROCESS





## Soap / Disinfectant Dispenser

**Order No. 3 000 000 659**

For all kinds of liquid soap or disinfectant. The body is made of stainless steel 1.4301 and can be attached to hand- or wash-basins and walls. The dispenser features an extra long operating lever, a rechargeable transparent container made of polyethylene and a replacement container.



*Dimensions: 90 x 90 x 250 mm,  
Capacity 1000 ml*

## Towel Dispenser

**Order No. 3 000 000 660**

The body is made of stainless steel 1.4301 and can be mounted to walls or basins. This model features a special labyrinth dispenser made of plastic for approx. 600 paper towels, which is refilled through the front flap (level indicator included) and can be locked.



*Dimensions: 275 x 130 x 350 mm*

## Knife-Sterilising Basin

**Order No. 3 000 000 661**

This double-walled insulated design made of stainless steel 1.4301 can be attached to hand- or wash basins and walls. The basin features a heat valve for water temperatures of up to 85°C and a protection mechanism that automatically shuts down the machine when the water has been drained away. The special indirect case-heating system ensures a long service life and reduces the costs of replacement heating systems. Detachable knife and sharpening steel holders and a detachable standpipe valve are included.

*Technical Data:*

*Dimensions: 220 x 220 x 370*

*Water feed: R 1/2"*

*Drain: R 3/4"*

*Electric Mains: 230V, 50 Hz*

*Power: 1 KW*



## Waste Paper Basket

**Order No. 3 000 000 662**

The basket is made of closely meshed stainless steel wire polished in an electrolytic process and can be attached to hand- or wash-basin walls.



*Dimensions: 220 x 220 x 370 mm*

## Hose Reel

**Order No. 3 000 000 663**

The sturdy special steel case of the reel (wall brackets included) has been equipped with a time-tested spring assembly. The hose can easily be unrolled or rolled up by means of an automatic snap-in system. Suitable for 1/2" and 3/4" hoses (length 10 or 25 m). Input pressure: 150 bar, max input temperature: 100°C



*Dimensions: 500 x 330 x 460 mm*

## Waste Bins

**Order No. 3 000 000 664**

Made entirely of stainless steel 1.4301 (all surfaces brushed). The bin has been designed for 70 l refuse sacks which are held in place by the detachable top which features a self-closing flap. The legs of the bin are equipped with adjustable plastic stands to compensate for uneven floors.



*Dimensions: 410 x 310 x 730 mm*



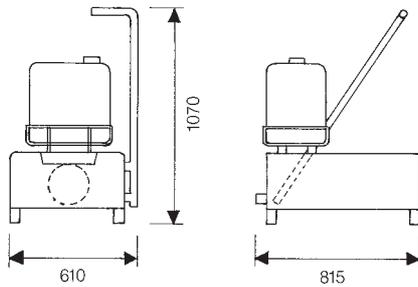
Hygienic work conditions require clean boots and soles:

## Sole Cleaning Machines

Order No. 3 000 000 665

Are an easy and effective means of cleaning soles with a rotating brush. The body of the machine is made entirely of stainless steel 1.4301. Simply press the button integrated into the handle and the mixture of water and cleaning agent is sprayed onto the sole of the boot.

The machine is manufactured according to EU and USDA guidelines and fulfils the strict CE requirements. Our "sole-cleaner" can be connected immediately after delivery (please note that a canister of cleaning agent, a siphon, seals and small items of hardware are not included).



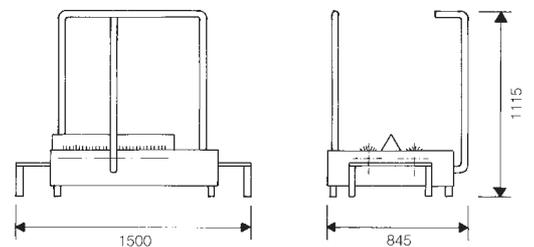
### Technical Data

Dimensions:	815 x 610 x 1070 mm
Water feed:	R 3/4"
Drain:	R 1 1/2"
Electric mains:	400 V, 50 Hz
Power:	0,25 KW
Protection:	IP 65

## Pass-Through Sole-Cleaning Machines

Order No. 3 000 000 666

Are used wherever restricted guidance is required. Rotating brushes clean both soles at the same time. Model and function, including the mixing process of water and cleaning agent as described above.



### Technical Data:

Dimensions:	1500 x 845 x 1115 mm
Water feed:	R 3/4"
Drain:	R 1 1/2"
Electric mains:	400 V, 50 Hz
Power:	2 x 0,25 KW
Protection:	IP 65

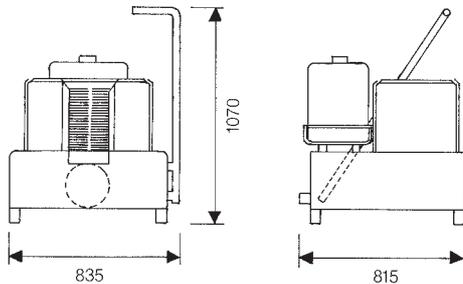


- no problem for a state-of-the-art cleaning machine

## Boot-Cleaning Machines

Order No. 3 000 000 667

Our "boot cleaner" facilitates the thorough cleaning of the whole boot. The body of the machine is made entirely of stainless steel 1.4301. Two rotating brushes clean the bootleg while another rotating brush cleans the sole. The button integrated into the handle and a dosing pump control the mixture of water and cleaning agent sprayed onto the boot. The machine is manufactured according to EU and USDA guidelines and fulfils the strict CE requirements. Our "boot cleaner" can be connected immediately after delivery (please note that a canister of cleaning agent, a siphon, seals and small items of hardware are not included).



### Technical Data

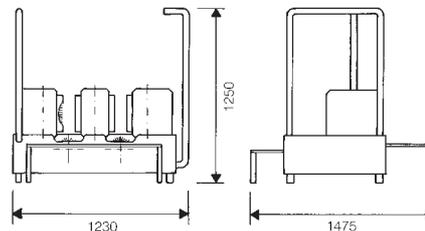
Dimensions:	815 x 835 x 1070 mm
Water feed:	R 3/4"
Drain:	R 1 1/2"
Electric mains:	400 V, 50 Hz
Power:	0,75 KW
Protection:	IP 65

## Pass-Through Boot-Cleaning Machines

Order No. 3 000 000 668

Are the "cleaning guide" of your boots. Two horizontal and three vertical brushes clean boots and bootlegs while your boots pass-through the machine.

Model, function and technical specifications as described above.



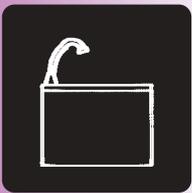
### Technical Data

Dimensions:	1475 x 1230 x 1250 mm
Water feed:	R 3/4"
Drain:	R 1 1/2"
Electric mains:	400 V, 50 Hz
Power:	5 x 0,25 KW
Protection:	IP 65



HYGIENE IN THE PRODUCTION PROCESS





Boot- and Sole Cleaning and Drying

## Walk Through Sole and Boot Cleaning Machine

Order No. 4 120 000 027



*Technical Data, dimensions and Order No. are depending on the style of construction*

- as a combination for the universal cleaning of boots and soles
- available in modules according to your wishes
- built-in dosage of cleaning and disinfecting solutions
- also available with a hand infection and turnstile unit



## Drying Cabinet for Boots

Order No. 3 000 000 669

- Drying time can be adjusted via a fan timer
- Capacity of up to 24 pairs of boots or shoes
- Plastic sliding door

*Technical Data:*

*Dimensions:* 980 x 600 x 2360 mm

*Power supply:* 240V,50Hz



Fully Automatic Knife Washing Machine

## Fully Automatic Knife Washing Machine

Order No. 3 000 000 670



### Considerable Advantages:

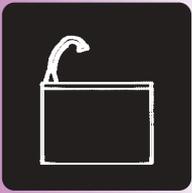
- no more queuing to deliver the knife basket – all employees can take their break in full
- the last employee presses the “start”-button – everything else is automatically performed by the machine
- 3 washing programmes incl. sterilization
- minimal space requirements
- economical operation because of water recirculation
- available in different capacities

### Technical Data:

Dimensions:	3200 x 820 x 1720 mm
Power supply:	400V, 50Hz
Motor:	4.0KW
Tank heating:	2.7KW
Continuous heating element:	9.0 KW
Total el. Capacity:	13.2KW
Control Voltage:	24V
Protection:	IP 65
Programme cycle:	2/4/5 min
Washing temperature:	60°C max
Rinsing temperature:	82°C min
Tank volume:	80 l
Water consumption approx.:	6l/cycle
Water feed:	R 3/4"
Water outlet:	DN 50 (HT pipe)

HYGIENE IN THE PRODUCTION PROCESS





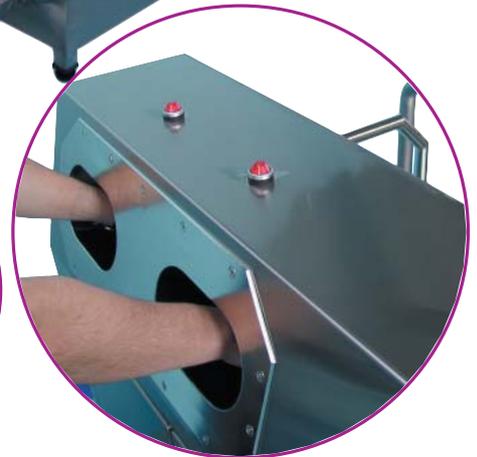
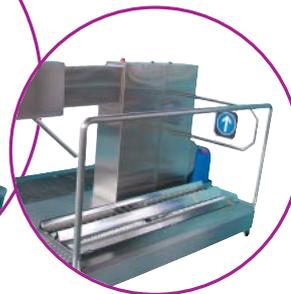
# Hygiene in the Production Process

Compact unit for the optimal hygiene

## Compact Hygiene Station for Optimal Hygiene

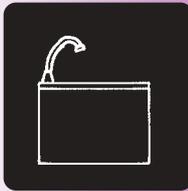
Order No. 3 000 000 671

*Technical Data:*  
*Dimensions:* 2590 x 1700 x 1400  
*Power supply:* 400V, 50Hz  
*Power:* 1.2 KW  
*Control Voltage:* 24V  
*Protection:* IP 65  
*Water feed:* R 3/4"  
*Water outlet:* DN 50 (HT-pipe)



- Walk-through sole cleaning machine at the production hall exit with automatic lock; a boot cleaning unit can be added.
- Disinfecting bath for soles at the entry of the production hall incl. drip-off zone with return of the disinfectant
- Fully automatic hand disinfection for both hands controls the turnstile
- This secures optimal control of the employees' hygiene
- Also available with a foldable turnstile if situated at an emergency exit





Do dirty aprons trouble you? We have the right solution for every problem: Be it washing ...

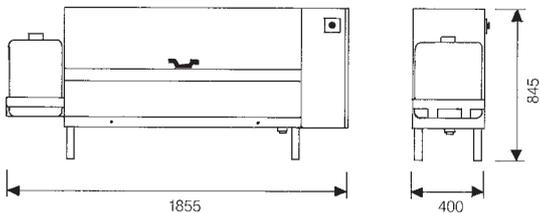
## Apron-Cleaning Machine

Order No. 3 000 000 672

Apron-Cleaning Machine

Perfect for cleaning your aprons. The body is made of stainless steel 1.4301 and meeting all safety regulations. Our "apron cleaner" is equipped with a dosing pump for mixing cleaning agent and water and two rotating brushes (1 clockwise, the other anti-clockwise) which can be replaced without tools. The machine is top-loading and automatically activated through a photoelectric cell. The pressure exerted on the apron and thus the cleaning intensity can be adjusted by changing the position of the brushes.

The machine is manufactured according to EU and USDA guidelines and fulfils the strict CE requirements. Our "apron-cleaner" can be connected immediately after delivery (please note that a canister of cleaning agent, a siphon, seals and small items of hardware are not included).



*Technical Data:*

*Dimensions:* 1855 x 400 x 845 mm

*Water feed:* R 3/4"

*Water outlet:* R 1 1/2"

*Power Supply:* 400V, 50Hz

*Power:* 0.75KW

*Protection:* IP 65

## Washing Facility for Aprons and Boots

	No. of Aprons	Dimensions mm
Order No. 3 000 000 673	1	1190 x 600 x 1900
Order No. 3 000 000 674	2	2320 x 600 x 1900



Made of stainless steel 1.4301. The washing facility features two side guards and a rear guard with hooks to hang up the aprons. The water supply of the brush is controlled by a globe valve and the centre drain is equipped with a dirt sieve. If you want to clean your boots, place them on the removable grid covering the basin and use the boot brush to clean off dirt and waste material.

*Technical Data:*

*Water feed:* R 1/2"

*Brush connection:* 2 x 1/2"

*Drain:* R 1 1/2"

### Apron Brush

Order No. 3 000 000 675

### Boot Brush

Order No. 3 000 000 676



HYGIENE IN THE PRODUCTION PROCESS





... or drying and storing

## Racks for Aprons and Helmets

Are made of stainless steel 1.4301 (all surfaces brushed). Our racks for storing helmets are available in 4 sizes (peg spacing 220 mm). Please enquire about availability of other sizes.

Order No.	Dimensions mm	No. helmets / aprons
3 000 000 677	1100 x 290 x 400	5/5
3 000 000 678	2200 x 290 x 400	10/10
3 000 000 679	3300 x 290 x 400	15/15
3 000 000 680	4400 x 290 x 400	20/20



## Rack for Apron Hangers and Helmets

Order No. 3 000 000 681

Are made of stainless steel 1.4301 (all surfaces brushed). Ideal for drying wet aprons spread-out. Please enquire about custom sizes.

Technical Data:

Dimensions:	1300 x 400 x 520 mm
No. of helmets:	5
No. of aprons:	10

## UV Insect Trap

The body of this indoor insect trap is made of stainless steel 1.4301 (all surfaces brushed). Available in three sizes – flying insects hardly stand a chance against these traps.

Order No.	Dimensions	Number of UV lights	Range m <sup>2</sup>
4 120 000 112	360 x 140 x 260	16	40
4 120 000 113	360 x 140 x 260	30	80
4 120 000 114	660 x 140 x 260	40	120
4 120 000 115	660 x 140 x 260	80	240





How to achieve perfect results cleaning euro plastic containers and pallets:

## Pass-Through Washing Mashine

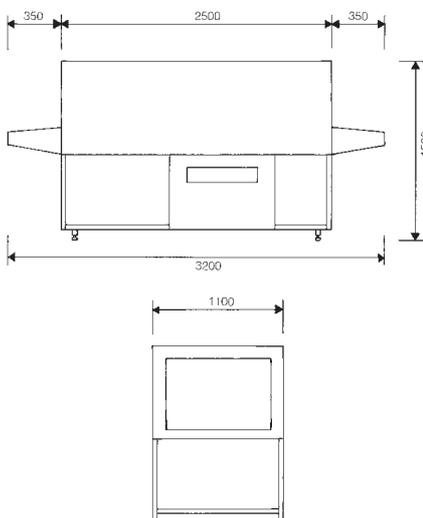
Order No. 3 000 000 685 electric heating

Order No. 3 000 000 686 steam heating



Are completely made of stainless steel 1.4301 (all surfaces brushed). This compact model allows to clean up to 250 euro plastic containers per hour as well as 1200 x 800 mm euro pallets. The machine is also suitable for cleaning smaller items with the help of additional baskets. An additional feature of this machine is the adjustable conveyor speed (two settings). Containers can be transported length- or crosswise. The machine is available with direct heating (steam) or an electrical heating system.

The machine is charged and discharged via stainless steel guiding sheets which can be closed in order to reduce the loss of washing and rinsing water to a minimum. The circulating washing water is continuously filtered and replenished with fresh water from rinsing which ensures a very low water consumption. Containers and pallets are cleaned effectively by 65 specially designed water jets during the washing cycle and then rinsed off by fan jets. Cleaning the machine itself is no problem at all since the detachable cover provides easy access to the washing duct. The machine can be connected immediately after delivery (safety equipment included).



### Technical Data

Dimensions mm:

Capacity containers:

Water feed:

Water outlet:

Electric mains:

Heating element output:

Pump output:

Drive engine output

Total power consumption:

Protection:

Pump volume:

Pump pressure:

Steam inlet pressure:

Steam consumption:

Steam connector:

Weight:

Electric version

3200 x 1100 x 1530

250/h

R 3/4"

R 2 1/2"

400V, 50Hz

2 x 10KW

7.5KW

0.12KW

28KW / 35A

IP 55

60m<sup>3</sup>

3bar

-

-

-

450Kg

Steam version

3200 x 1100 x 1530

250/h

R 3/4"

R 2 1/2"

400V, 50Hz

-

7.5KW

0.12KW

8KW / 6A

IP 55

60m<sup>3</sup>

3bar

1.5bar

Approx. 30Kg/h

1"

450Kg



And now the different handles and threads available:

## Standard Handles:

Are available in two versions: either made of shock- and scratch resistant fibreglass or anodised aluminium. A telescopic fibreglass model is also available. The fibreglass handles are white and the coupling connection and the end of the handle are blue.

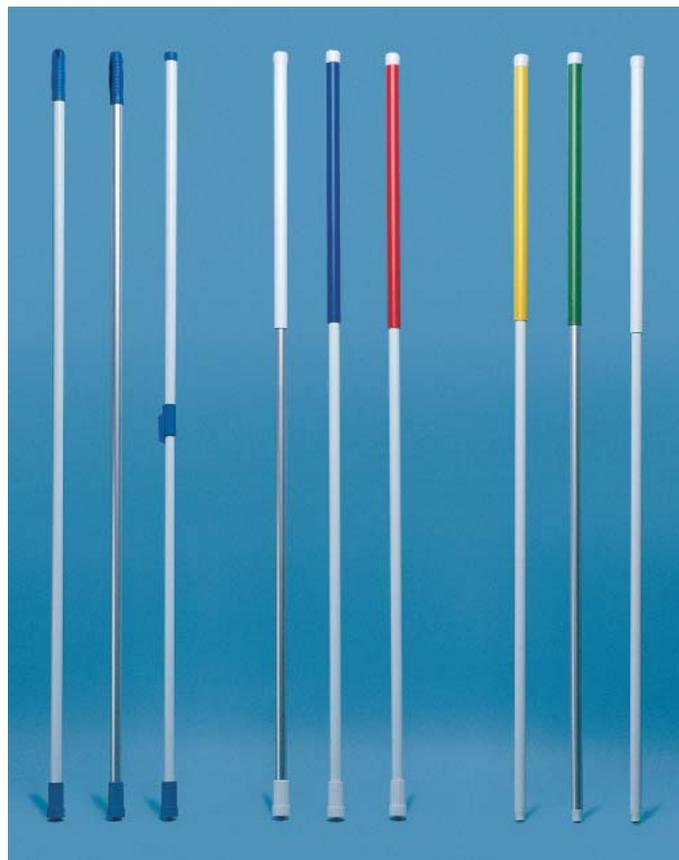
These models are only available for tools featuring an external thread.

### Dimensions

L x Ø mm	Fibreglass Order No.	Aluminium Order No.
Standard Handle		
1750 x 25	4 100 000 170	4 100 000 173
1500 x 25	4 100 000 171	4 100 000 174

### Telescopic Handle

1100–1900 x 26	4 100 000 172	4 100 000 175
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## Ergonomic Handles

The diameter of the actual handle has been increased while the gripping-area has been ribbed to ensure a more comfortable hand position. Both sizes are available as fibreglass or aluminium versions. The fibreglass handle and the coupling connection are white while the upper part of the handle has been colour-coded for easy differentiation of the individual cleaning areas.

These handles are available for tools featuring and external or internal thread.

	Dimensions L x Ø mm	Order No.		
		Fibreglass ●	●	●
For external thread	1750 x 30	4 100 000 176	-569	-577
	1500 x 30	4 100 000 177	-570	-578
		Alu		
	1750 x 30	4 100 000 178	-571	-579
	1500 x 30	4 100 000 179	-572	-580

	Dimensions L x Ø mm	Order No.		
		Fibreglass ●	●	●
For internal thread	1750 x 30	4 100 000 180	-573	-581
	1500 x 30	4 100 000 181	-574	-582
		Alu		
	1750 x 30	4 100 000 182	-575	-583
	1500 x 30	4 100 000 183	-576	-584

## Clip holders

Order No. 4 100 000 184

Represent the easy and proper way of storing all your long-handled tools. The standard model features 3 clips for diameters of 20 – 30 mm and 2 clips for diameters of 30 – 40 mm.

Dimensions: 920 x 55 mm

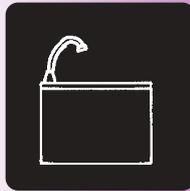


### Accessories:

Additional clip

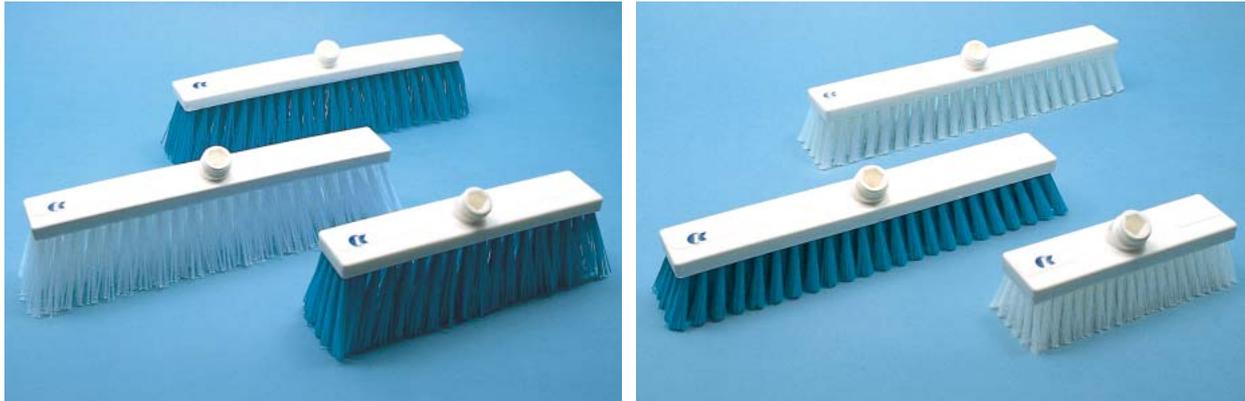
Order No. 4 100 000 185 für Ø 20–30

Order No. 4 100 000 186 für Ø 30–40



Do you prefer your bristles white, blue or red?

## Brooms



Ensure clean production areas and hygienic working conditions. Material: shock- and scratch resistant polypropylene. Our brooms are available in different sizes, colours and degrees of firmness and can be equipped with an internal or external thread (please order handles correspondingly)

Broom, bristles 50 mm		Dimensions L x Ø mm	Order No. fibreglass	●	●	●
For external thread	Soft	470 x 60	4 100 000 187	-199	-585	
		400 x 60	4 100 000 188	-200	-586	
		220 x 60	4 100 000 189	-201	-587	
	Medium	470 x 60	4 100 000 190	-202	-588	
		400 x 60	4 100 000 191	-203	-589	
		220 x 60	4 100 000 192	-204	-590	
For internal thread	Soft	470 x 60	4 100 000 193	-205	-591	
		400 x 60	4 100 000 194	-206	-592	
		220 x 60	4 100 000 195	-207	-593	
	Medium	470 x 60	4 100 000 196	-208	-594	
		400 x 60	4 100 000 197	-209	-595	
		220 x 60	4 100 000 198	-210	-596	

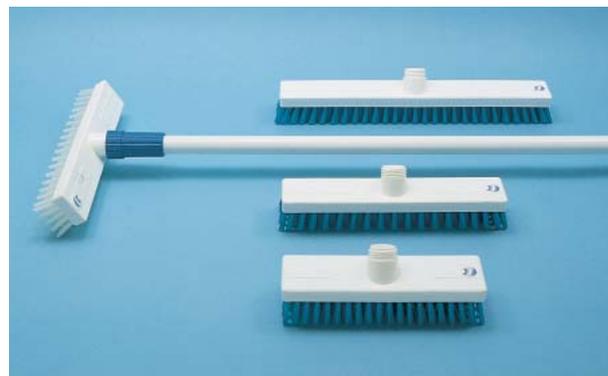
Broom, bristles 90 mm		Dimensions L x Ø mm	Order No. fibreglass	●	●	●
For external thread	Medium	470 x 60	4 100 000 211	-223	-597	
		400 x 60	4 100 000 212	-224	-598	
		300 x 60	4 100 000 213	-225	-599	
	Hard	470 x 60	4 100 000 214	-226	-600	
		400 x 60	4 100 000 215	-227	-601	
		300 x 60	4 100 000 216	-229	-602	
For internal thread	Medium	470 x 60	4 100 000 217	-230	-603	
		400 x 60	4 100 000 218	-231	-604	
		300 x 60	4 100 000 219	-232	-605	
	Hard	470 x 60	4 100 000 220	-233	-606	
		400 x 60	4 100 000 221	-234	-607	
		300 x 60	4 100 000 222	-228	-608	

## Scrubbing Brushes

Material: polypropylene. The hard polyester bristles are especially suited for removing extremely "stubborn" dirt. All scrubbing brushes are available in three sizes with internal or external thread (please order handles correspondingly)

Scrubber, hard, bristles 30 mm

		Dimensions L x Ø mm	Order No. Fibreglass	●	●	●
For external thread		400 x 50	4 100 000 235	-241	-602	
		280 x 50	4 100 000 236	-242	-603	
		225 x 50	4 100 000 237	-243	-604	
For internal thread		400 x 50	4 100 000 238	-244	-605	
		280 x 50	4 100 000 239	-245	-606	
		225 x 50	4 100 000 240	-246	-607	





Special cleaning jobs require special tools.

## Wall Scrubbing Pads

Walls, Tables and other smooth surfaces can be cleaned easily and effectively with these pads. Available as handheld or long-handled models equipped with a quick-lock coupling connection. Suitable for the aluminium standard and telescopic handles listed in the table below (please order separately). The self-adhesive sponges are available in four different degrees of firmness.



Scrubbing Pads	Dimensions L mm	Order No.
Small pad holder	235 x 100	4 100 000 247
Pad holder for handles	230 x 100	4 100 000 248
Aluminium handle	1500 x 22 Ø	4 100 000 249
Telescopic aluminium handle	1100–1850 x 26 Ø	4 100 000 250

Sponge	Medium (beige)	Medium (green)	Hard (blue)	Extra-hard (black)
Order No.	4 100 000 251	4 100 000 252	4 100 000 253	4 100 000 254

## Squeegees

Two different models are available both featuring a top innovation: the arduous process of changing the wiper blade itself has become obsolete. The pre-assembled rubber blade can be inserted by firmly pressing the new blade into the quick-lock holder. Our squeegees are available in three colours and with internal or external thread (please order the corresponding handles separately).



Squeegees	Dimensions L mm	Order No.
For external thread	600	4 100 000 255 -259 -615
	400	4 100 000 256 -260 -616
For internal thread	600	4 100 000 257 -261 -617
	400	4 100 000 258 -262 -618

### Replacement Parts:

Rubber Blades

Order No. 4 100 000 263 length 600 mm

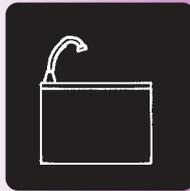
Order No. 4 100 000 264 length 400 mm

## Tank Brushes

Even hard to reach corners or curved walls in tanks are easy to clean with these brushes. Material: sturdy polypropylene body and polyester bristles available with two degrees of firmness and in three different colours. Available with internal and external thread (please order corresponding handles separately).

Tank brush bristles 35 mm	Dimensions L x Ø mm	Order No.
For external thread	Soft	200 x 125 4 100 000 265 -269 -619
	Hard	200 x 125 4 100 000 266 -270 -620
For internal thread	Soft	200 x 125 4 100 000 267 -271 -621
	Hard	200 x 125 4 100 000 268 -272 -622





The right brush for every job:

## Scrubbing Brushes, Nail-Brush

Our scrubbing brushes consist of a solid polypropylene body and white or coloured polyester bristles. Two versions are currently available: a standard model and a special model whose bristles have been specially designed to attack dirt in all those hard to reach places such as corners, grooves etc.

A hanger has been integrated into our nail-brush for our customers' convenience. The special bristles of the brush thoroughly clean your hands without damaging the skin.



	III.	Dimensions L x Ø mm	Order No.	●	●	●
Scrubbing Brush, standard	①	200 x 65	4 100 000 273	-276	-623	
Scrubbing Brush, special	②	200 x 65	4 100 000 274	-277	-624	
Nail brush	③	120 x 45	4 100 000 275	-277	-625	

## Dishwashing Brushes

Doing the washing-up becomes child's play with our three different models featuring a short or long handle. Also available is an extra-wide model with an anatomically shaped handle. Even cleaning big pots and tubs or chopping-boards is no longer a problem. All models are equipped with a hanger and are available in three different colours.



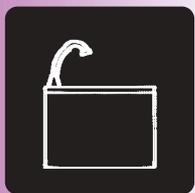
	III.	Dimensions L x Ø mm	Order No.	●	●	●
Dishwashing brush, soft	①	370 x 40	4 100 000 279	-285	-626	
	②	260 x 45	4 100 000 280	-286	-627	
	③	240 x 70	4 100 000 281	-287	-628	
Dishwashing brush, hard	①	370 x 40	4 100 000 282	-288	-629	
	②	260 x 45	4 100 000 283	-289	-630	
	③	240 x 70	4 100 000 284	-290	-631	

## Special Brushes, Bottle-Brushes

It does not matter whether you want to clean bottles, glasses, spouts or boxes – we have a brush for every job. Even hidden dirt does not stand a chance. All brushes are equipped with a hanger. Our bottle-brushes are white, all other models are also available in blue or red.



	III.	Dimensions L x Ø mm	Order No.	●	●	●
Special brushes	①	290 x 50	4 100 000 291	-296	-632	
	②	250 x 30	4 100 000 292	-297	-633	
	③	220 x 35	4 100 000 293	-298	-634	
Bottle brushes	④	490 x 65 Ø	4 100 000 294	-299	-635	
		450 x 55 Ø	4 100 000 295	-300	-636	



When push comes to shove(I)

## Hand Brush, Dustpan

These two take care of the cleaning up whenever something "went off target". Our hand brush is available with hard or soft polyester bristles. The front lip of the dustpan is made of special shock-resistant plastic.



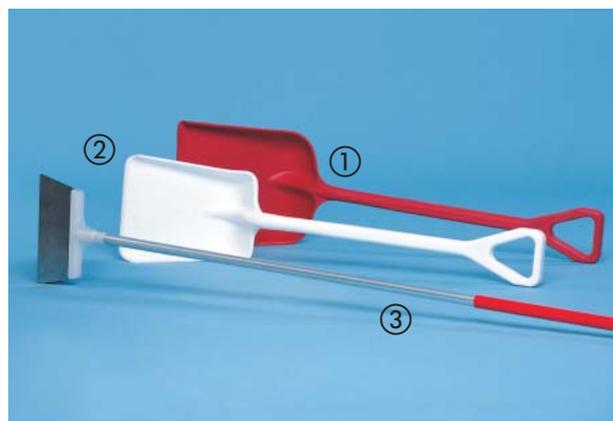
	Dimensions	Order No.		
	L x W mm	●	●	●
Hand brush		soft		
	285 x 40	4 100 000 301	-302	-637
		medium		
	285 x 40	4 100 000 303	-304	-638
Dustpan	330 x 215	4 100 000 305		

## Shovels, Floor-Spatula

All shovels are made of extremely lightweight special plastic and are highly shock-resistant and break-proof. They are especially suited for working in low-temperature environments and protect your hands from frostbites. The integrated handle makes the shovel a pleasant and effective tool to work with. Both sizes are available white, blue and red.

The floor-spatula is made of special plastic and features a stainless steel scraping edge and a screw-in handle.

	Ill.	Dimensions	Order No.		
		L x Ø mm	●	●	●
Shovel	①	1120 x 360 x 380	4 100 000 306	-309	-639
	②	1120 x 280 x 340	4 100 000 307	-310	-640
Floor spatula	③	1900 x 280 x 110	4 100 000 308	-311	-641



## Spice Shovels / Scoop / Spatula

Measuring spices, additives and other bulk materials has never been easier. Our shovels are available in three different sizes and colours

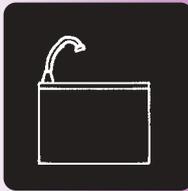
The flattened front of our white scoop has been specially designed for ladling and discharging bulk materials easily and effectively.



Handling hot materials is no problem for our spatulas – white spatula is temperature resistant of up to 100°C, the black one up to 240°C.

Scopp	Dimensions	Order No.		
	L x W mm	●	●	●
Spice shovel	230 x 160	4 100 000 312	-317	-642
	180 x 125	4 100 000 313	-318	-643
	150 x 110	4 100 000 314	-319	-644
Scoop	160 x 135 Ø	4 100 000 315	-320	-645
Spatula	250 x 110	4 100 000 316	-321	-646





Safety and convenience with hygienic shoes

## Hygienic Clogs

The insulation material of the anatomically shaped insole protects your feet against cold surfaces and weather. The soft and lightweight leather ensure a very comfortable fit. The soft leather top layer of the clog is water resistant and has been sealed to the polyurethane sole which is, apart from being nonabrasive and skid-proof, resistant to fatty acids, oils, alkaline solutions and many other chemicals. The insole has been treated with an antibacterial agent that prevents mycosis and other diseases of the foot. A special instep-padding prevents painful sores and the highly flexible sole ensures that you naturally roll your feet.



Three models of our hygienic clogs are available: with an open heel, featuring a heel strap and a slipper. The two latter ones are also available with steel caps to protect your toes.

Hygiene Clogs	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Open heel	Order No.	4 100 000 322	-323	-324	-325	-326	-327	-328	-329	-330	-331	-332	-333
Heel strap	Order No.	4 100 000 334	-335	-336	-337	-338	-339	-340	-341	-342	-343	-344	-345
Heel strap, steel cap	Order No.	4 100 000 346	-347	-348	-349	-350	-351	-352	-353	-354	-355	-356	-357
Closed	Order No.	4 100 000 358	-359	-360	-361	-362	-363	-364	-365	-366	-367	-368	-369
Closed, steel cap	Order No.	4 100 000 370	-371	-372	-373	-374	-375	-376	-377	-378	-379	-380	-381

## Air-Cushion Shoes

An air cushion built into the heel of the shoe prevents early tiring of your feet and allows the air to circulate freely within the insole. The insole and as well as the outsole feature an anatomically shaped arch support and the spherical structure of the heel ensure an optimal foot position. The insole is made of texon which prevents static electricity build-ups. The lightweight and durable polyester outsole is resistant to acids, alkaline solutions, fats and oils.

Additional features of these "health shoes" are a soft and flexible leather top layer which has been specially treated in a chrome-tanning process, the leather lining and the PU reinforced peripheral padding.

## Clinic Shoes

Are of course not only made for doctors or for work in hospitals and clinics with high standards of hygiene. They are a lightweight and comfortable footwear for everyone who works in food processing, too. The features of this shoe include an antibacterial treatment of the shoe's insole, polyurethane impregnated upper leather, a polyurethane outsole which is resistant to most chemicals as well as a Velcro fastener. This ensures a secure fit and provides a quick and convenient way of closing the shoe.



Air cushion shoes	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Lace-up shoe ill. 1	Order No.	4 100 000 382	-383	-384	-385	-386	-387	-388	-389	-390	-391	-392	-393
Clinic Shoes, Ill 2	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
with Velcro® fasteners	Order No.	4 100 000 394	-395	-396	-397	-398	-399	-400	-401	-402	-403	-404	-405



First class branded articles –quality guaranteed

## PUMA®-Protective Shoes

Made according to DIN 4843 and EN 345 – this stands for safety and comfortable wear in any situation. Many years of experience and the know-how of a daily production exceeding 200,000 pairs of PUMA shoes guarantee exceptional quality

Two models are available – a lace-up version and one with Velcro fasteners. Apart from a skid-proof and nonabrasive polyurethane outsole, these models offer many features which make PUMAs a pleasure to wear:

- upper material: Napa leather, sole manufactured in a PU-double layer procedure
- integrated steel cap with optimal padding
- the orthopaedic insole has been anti-bacterially treated
- The high leather-lined heel protection and peripheral reinforcement as well as the integrated joint support ensure optimal positioning of your feet



PUMA protective shoes are, of course, resistant to animal and vegetable fats and oils, alkaline solutions and many other chemicals.



	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Lace-up shoe with steel cap	Order No.	4 100 000 406	-407	-408	-409	-410	-411	-412	-413	-414	-415	-416	-417
Velcro shoe with steel cap	Order No.	-	-	-	-418	-419	-420	-421	-422	-423	-424	-425	-426

## PUMA®Protective Shoes, ankle length

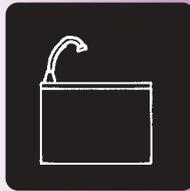


Have all the same characteristics of the low shoe described above. The high rim of the shoe offers additional ankle-support and ensures even better positioning of the foot. They are especially suited for activities which entail long periods of walking or standing in one spot. Highly recommended for people who do not spend a lot of time behind a desk.



PUMA-Protective Shoes, ankle length

	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Lace-up shoe	Order No.	-	-	-	-427	-428	-429	-430	-431	-432	-433	-434	-435



Healthy feet – the sound basis of efficient work

## Work Shoes

Both models – lace-up shoe or slipper – have been especially designed to meet the high standards of durability and comfort demanded from modern work shoes. Our models can also be used in wet conditions since the leather upper of the shoe has been covered with a special polyurethane layer – the result is a water resistant shoe that is very easily cleaned. Humidity trapped inside the shoe can permeate the leather through microscopically small pores – you have the pleasure of dry feet.

Additional features are:

- nonabrasive and skid-proof polyurethane outsole
- antibacterial treatment of the anatomically shaped insole
- joint support and spherical heel indenture

A steel-cap version of the lace up model is also available. The integrated steel cap has been perfectly padded to prevent bruising and chafing.



Work shoes	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Lace-up shoe	Order No.	4 100 000 437	-438	-439	-440	-441	-442	-443	-444	-445	-446	-447	-448
Lace-up shoe with steel cap	Order No.	4 100 000 449	-450	-451	-452	-453	-454	-455	-456	-457	-458	-459	-460
Slipper	Order No.	4 100 000 461	-462	-463	-464	-465	-466	-467	-468	-469	-470	-471	-472

## Safety Shoes

The low-cost alternative to our PUMA protective shoes. Our safety shoes are equipped with steel caps have been manufactured according to the regulations DIN 4843 and EN 345.

The special features include:

- a soft, naturally breathing leather upper
- a padded top and padded tongue
- a shock-absorbing intermediate sole made of polyurethane which supports your joints and spine.



The front part of the outsole features a line profile and the elevated heel offer a high degree of slip protection.

Safety shoes	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Lace-up shoe	Order No.	-	-	-	-473	-474	-475	-476	-477	-478	-479	-480	-481
Lace-up boot	Order No.	-	-	-	-482	-483	-484	-485	-486	-487	-488	-489	-490



Boots – a difficult subject. Not for us!

## Climatic Boots

Guarantee an unprecedented degree of comfort for your feet. Heat and humidity usually trapped inside the boot are forced out through microscopically small pores of the thermo-membrane which is resistant to outside influences such as UV radiation, water and cold. The membrane does not lose its properties with age and ensures an agreeable temperature inside the boot and pleasant fit while keeping your feet dry in any temperature environment. The leather upper of the boot is top quality, resistant to water, allowing natural breathing and is protected by a polyurethane layer that makes the boot easy to clean. The inner lining consists of a durable, sweat absorbing and thermally neutral material that is directly attached to the thermo-membrane. The permanently elastic, nonabrasive polyurethane outsole protects against skidding. Climatic boots are available as full- or medium-length models. Both versions are available with or without steel caps.



Climatic boots	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Calf-high	Order No	4 100 000 491	-492	-493	-494	-495	-496	-497	-498	-499	-500	-501	-502
Calf-high with steel cap	Order No	4 100 000 503	-504	-505	-506	-507	-508	-509	-510	-511	-512	-513	-514
Knee-high	Order No	4 100 000 515	-516	-517	-518	-519	-520	-521	-522	-523	-524	-525	-526
Knee-high with steel cap	Order No	4 100 000 527	-528	-529	-530	-531	-532	-533	-534	-535	-536	-537	-538

## BEKINA-Steplite® Work Boots

Are made entirely of very lightweight polyurethane and combine the safety and comfort standards of innovative boot technology with an exceptional design:



- extremely lightweight: a size 40 boot weighs only 580g
  - highly flexible even at very low temperatures
  - highly comfortable to wear due to the thermal insulation of the boot and a special hygienic inlay
  - an ergonomic shape and a shock-absorbing sole guarantee a secure fit combined with thorough foot protection. A lip attached to the heel lets you easily slip out of the BEKINA-Steplite boots after a hard day's work
  - the multifunctional profile of the boot's outsole reduces the risk of skidding; tested under DIN 4843 and EN 345
- an optimal resistance to many aggressive materials, especially animal and vegetable fats and oils

Also available as a steel-capped model for those places and activities which require protection of the toes.

BEKINA-Steplite-Work Boots

	Sizes	36	37	38	39	40	41	42	43	44	45	46	47
Knee-high	Order No	4 100 000 539	-540	-541	-542	-543	-544	-545	-546	-547	-548	-549	-550
Knee-high with steel cap	Order No	4 100 000 551	-552	-553	-554	-555	-556	-557	-558	-559	-560	-561	-562

