



Everything for the professional foam cleaning





























easy foam 365+

easyfoam365+ Everything for the professional foam cleaning



























Foam Chart

Determine the foam components you need!















1. INJECTOR UNIT WITHOUT COMPRESSED AIR











	name	food grade	chemical	flow rate	bypass rinse option	adjustable metering	other options
	ST-60.1	-		6-20 l/min	-		
	ST-160	✓		6-60 l/min	-		
	ST-160 ST-161	✓		6-60 l/min	-		
	ST-166	✓		6-60 l/min	-		
	ST-167	✓		6-80 l/min	rinse 		
	ST-167	✓		6-80 l/min	rinse 		suitable for extreme conditions
	ST-167 ST-161	✓		6-80 l/min	rinse 		
	ST-164	✓		6-80 l/min	disinfection foam rinse 		






1. COMPRESSED AIR INJECTOR

	ST-160.2	✓		4-80 l/min	-		
	ST-160.3	✓		4-120 l/min	-		
	ST-168	✓		4-80 l/min	rinse foam 		
	ST-168 ST-161	✓		4-80 l/min	rinse foam 		
	ST-164	✓		4-80 l/min	disinfection foam rinse 		
	ST-164	✓		4-80 l/min	disinfection foam rinse 		water inlet pressure - sensitive air intake
	ST-162	✓		4-80 l/min	rinse foam 		




easyfoam365+ Everything for the professional foam cleaning

2. FOAM UNIT WITHOUT COMPRESSED AIR						
	name	food grade	under 25 l/min.	above 25 l/min.	foam lance	LTF technology
	ST-2300	-	✓	-		-
	ST-2600	-	✓	-		LTF
	ST-2600	-	✓	-		LTF
	ST-2620	-	-	✓		LTF
	ST-3500	-	-	✓		-
	ST-2700	✓	✓	-		LTF
	ST-3300	✓	-	-		-

2. FOAM UNIT FOR FOAMING WITH COMPRESSED AIR						
	name	food grade	under 15 l/min.	above 15 l/min.	foam lance	LTF technology
	ST-2720	✓	✓	-		LTF
	ST-2725	✓	✓	-		LTF
	ST-3300	✓	✓	-		-
	ST-3100	✓	✓	-		-
	ST-3225	✓	✓	-		-

3. FOAM LANCES (WITHOUT COMPRESSED AIR)				
	Name	Food Grade	Below 25 l/min.	Above 25 l/min.
	ST-73.1	-	✓	✓
	ST-73.2 without foampad	-	✓	✓
	ST-75	-	✓	-
	ST-75 without foampad	-	✓	-
	ST-75	✓	✓	-
	ST-75 SS	✓	✓	-
	ST-75.2	-	✓	✓
	ST-76	-	-	✓
	ST-72	-	✓	-
	ST-175	-	✓	-

LTF - Low Trigger Force
90 % reduced holding force and 40 % reduced trigger force against usual market guns.

-  foaming agent
-  foaming agent and disinfectant
-  very aggressive chemical

easyfoam365+ Everything for the professional foam cleaning

Suttner foam guns

ST-3225 HP



Professional hp gun with progressive closing system and coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 120 l/min / 100 °C

R+M Nr.	⊕	⊖
203 225 550	coupling ST-3100	1/2" F swivel



Professional hp gun with progressive closing system. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 120 l/min / 100 °C

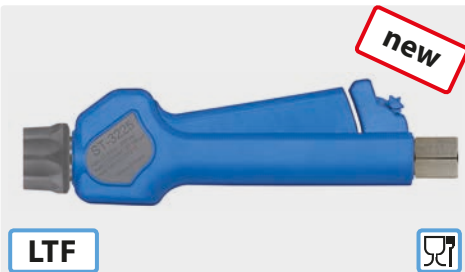
R+M Nr.	⊕	⊖
203 225 545	1/2" F	1/2" F swivel



Professional hp gun with coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 120 l/min / 100 °C

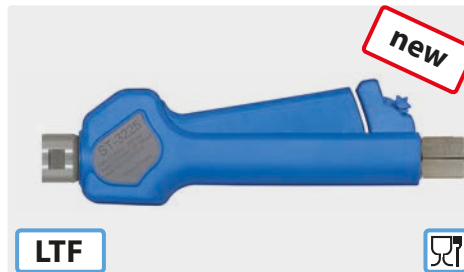
R+M Nr.	⊕	⊖
203 225 540	coupling ST-3100	1/2" F swivel

ST-3225 LP



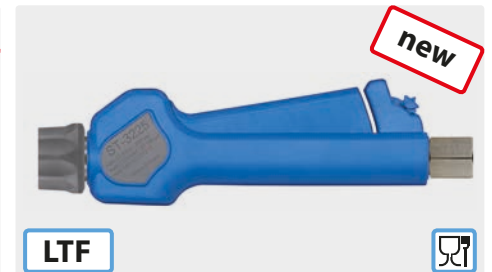
Professional gun with progressive closing system, locking in opened position and coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 24.5 bar / 120 l/min / 100 °C

R+M Nr.	⊕	⊖
203 225 650	coupling ST-3100	1/2" F swivel



Professional gun with progressive closing system and locking in opened position. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 24.5 bar / 120 l/min / 100 °C

R+M Nr.	⊕	⊖
203 225 645	1/2" F	1/2" F swivel



Professional gun with locking in opened position and coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 24.5 bar / 120 l/min / 100 °C

R+M Nr.	⊕	⊖
203 225 640	coupling ST-3100	1/2" F swivel



easyfoam365+ Everything for the professional foam cleaning

Suttner spray guns

ST-2700 KW



LTF



Professional gun with patented LTF technology. Stainless steel. Gun with coupling KW. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 700 560	coupling KW	3/8" F

ST-2700 KW



LTF



Professional gun with patented LTF technology. Stainless steel. Gun with coupling KW. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 700 575	coupling KW	3/8" F swivel

ST-2700 KW



LTF



Professional gun with patented LTF technology. Stainless steel. Gun with coupling KW. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 700 565	coupling KW	M22 M

ST-2700



LTF



Professional gun with patented LTF technology. Stainless steel. Gun for industrial cleaning applications. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 700 500	1/4" F	3/8" F

ST-2715



LTF



Professional gun with patented LTF technology. Stainless steel. Ceramic ball, chemically resistant valve and acid-resistant stainless steel seal seat. Gun for industrial cleaning applications with abrasive mediums. Max. 350 bar / 45 l/min / 150 °C

R+M Nr.		
202 715 500	1/4" F	3/8" F



Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004. Especially designed for applications in the food industry.



LTF - Low Trigger Force 90 % reduced holding force and 40 % reduced trigger force against usual market guns.

Valves complete



ST-2700

R+M Nr.
202 700 490



ST-2715. Ceramic ball

R+M Nr.
202 700 445



ST-2720

R+M Nr.
202 710 490



ST-2725

R+M Nr.
202 725 490

ST-340 swivel



1/4" F : 1/2" F

R+M Nr.
200 340 050



Repair kit ST-340

R+M Nr.
200 340 100

Symbols outlet inlet

easyfoam365+ Everything for the professional foam cleaning

Suttner foam guns

ST-2725 with coupling ST-3100



LTF



Pro gun with patented LTF technology and progressive closing system. Gun with coupling ST-3100. Field of application: foam and rinsing applications in the food industry etc. Stainless steel. Chemically resistant valve piston stainless steel. PEEK piston. Max. 80 bar / 80 l/min / 150 °C

R+M Nr.		
202 725 550	coupling ST-3100	1/2" F swivel

ST-2725



LTF



Pro gun with patented LTF technology and progressive closing system. Field of application: foam and rinsing applications in the food industry etc. Stainless steel. Chemically resistant valve piston stainless steel. PEEK piston. Max. 80 bar / 80 l/min / 150 °C

R+M Nr.		
202 725 535	1/2" F	1/2" F swivel

ST-2720



LTF



Professional gun with patented LTF technology. Stainless steel. Suitable for e.g. huge water amounts in the food industry. PEEK valve cone enables use in low pressure. Max. 125 bar / 80 l/min / 150 °C

R+M Nr.		
202 720 530	3/8" F	1/2" F

ST-2720 with coupling ST-3100



LTF



Professional gun with patented LTF technology. Gun with coupling ST-3100. Stainless steel. Suitable for e.g. huge water amounts in the food industry. PEEK valve cone enables use in low pressure. Max. 125 bar / 80 l/min / 150 °C

R+M Nr.		
202 720 550	coupling ST-3100	1/2" F swivel

ST-2620



LTF

Professional gun with patented LTF technology. Gun with insulated stainless steel lance 300 mm and nozzle 50° 200. Gun brass. Lance stainless steel. Field of application: foam applications in the prewash of vehicles etc. Max. 125 bar / 80 l/min / 150 °C

R+M Nr.		
202 620 910	nozzle 50° 200	1/2" F swivel

Wall mount



Stainless steel. Wall mount for Suttner high pressure guns with lance or twin lance

R+M Nr.
040 002 055



Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004. Especially designed for applications in the food industry.



LTF - Low Trigger Force 90 % reduced holding force and 40 % reduced trigger force against usual market guns.

easyfoam365+ Everything for the professional foam cleaning

High pressure nozzles

1/4" M NPT



Impact = 100 %

	0°	15°	25°	40°	65°
D	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
02	610 05	613 05	617 50	620 30	625 20
025	610 07	613 07	617 65	620 35	625 25
03	610 10	613 10	617 70	621 00	625 30
034		613 20	617 80		625 35
035	610 20		617 85	621 20	
04	610 30	613 30	617 90	621 30	625 40
045	610 40	613 40	618 00	621 40	625 50
05	610 50	613 50	618 10	621 50	625 60
055	610 60	613 60	618 20	621 60	625 70
06	610 70	613 70	618 30	621 70	625 80
065	610 80	613 80	618 40	621 80	625 90
07	610 90	613 90	618 50	621 90	626 00
075	611 00	614 00	618 60	622 00	
08	611 10	614 10	618 70	622 10	626 10
085	611 20	614 20	618 80	622 20	
09	611 30	614 30	618 90	622 30	626 20
10	611 40	614 40	619 00	622 40	626 30
11	611 50	614 50	619 10	622 50	
12	611 60	614 60	619 20	622 60	
13	611 70	614 70	619 30	622 70	
14	611 75	614 75	619 35		
15	611 80	614 80	619 40	622 80	626 50
20	611 90	614 90	619 50	622 90	626 60
25	612 00	615 00	619 60	623 00	
30	612 10	615 10	619 70	623 20	626 70
35	612 50	615 20	619 75	623 25	
40	612 15	615 25	619 80	623 30	
50	612 20	615 35	619 90	623 32	

Gun exit connections

Connections for spray guns with coupling KW



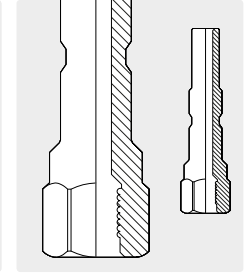
Plug KW : 1/4" F.
Stainless steel. SW 17.
For lances with vented
handle

R+M Nr.
160 187 1



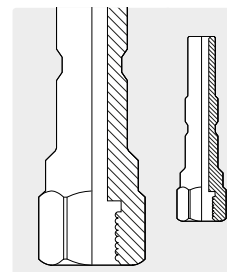
Plug KW : 1/4" F. Stainless steel. SW 19.
Plug for moulded handles

R+M Nr.
040 001 255



Plug KW : 1/4" F. SW 19. Polished stainless steel.
For moulded handles.
Plug for aluminium washer

R+M Nr.
040 001 248



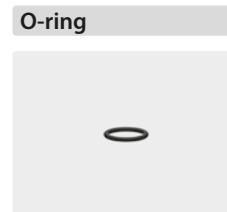
Aluminium washer for
1/4" F. \varnothing 11 mm

R+M Nr.	VPE
781 130 841	100



Plug KW : 1/4" M. stain-
less steel

R+M Nr.
040 001 256



O-ring for coupling KW

R+M Nr.
050 000 248

Symbols **D** nozzle **G** inlet **Q** outlet **VPE** packing unit

easyfoam365+ Everything for the professional foam cleaning

Suttner foam guns

ST-3100



Professional gun with progressive closing system. Gun with coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 100 l/min / 150 °C

R+M Nr.		
203 100 805	coupling ST-3100	1/2" F swivel



Professional gun with progressive closing system. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 100 l/min / 150 °C

R+M Nr.		
203 100 840	3/8" F	1/2" F



Professional gun with progressive closing system. Gun with coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 100 l/min / 150 °C

R+M Nr.		
203 100 810	coupling ST-3100	1/2" F

ST-3100



Professional gun with progressive closing system. Gun with coupling ST-3100. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Industry standard. Max. 60 bar / 100 l/min / 150 °C

R+M Nr.		
203 100 820	coupling ST-3100	1/2" F

ST-3300



Professional high-flow gun. Gun with coupling ST-45. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Max. 150 bar / 100 l/min / 150 °C

R+M Nr.		
203 300 500	coupling ST-45	1/2" F



Professional high-flow gun. Stainless steel. Field of application: foam and rinsing applications in the food industry etc. Max. 150 bar / 100 l/min / 150 °C

R+M Nr.		
203 300 510	1/2" F	1/2" F

ST-340



1/2" M : 1/2" F

R+M Nr.
200 340 010



Repair kit ST-340

R+M Nr.
200 340 100

ST-3100



Seal kit

R+M Nr.
203 100 400

ST-3300



Seal kit

R+M Nr.
203 300 490



Symbols nozzle inlet outlet length ISO insulation M material C colour weight

easyfoam365+ Everything for the professional foam cleaning

Foam lances

ST-74 foam lances with air injector



1/4" F. Foam lance stainless steel with air injector and stainless steel socket with nozzle 40° 150. Max. 90 °C

R+M Nr.	D)*	☒	(M)	↔
200 074 505	2.1 mm	0.8 kg	stainless steel	530 mm
200 074 500	2.3 mm	0.8 kg	stainless steel	530 mm

R+M Nr.



Plug KW. Foam lance stainless steel with air injector and stainless steel socket with nozzle 40° 150. Max. 90 °C

R+M Nr.	D)*	☒	(M)	↔
200 074 506	2.1 mm	0.8 kg	stainless steel	530 mm
200 074 501	2.3 mm	0.8 kg	stainless steel	530 mm

R+M Nr.

* nozzle air injector

Foam lances ST-3300



Plug ST-45. Foam lance stainless steel with nozzle protector and nozzle 50° 200

R+M Nr.	D)	(ISO)	(M)	↔
203 300 300	nozzle 50° 200	-	stainless steel	255 mm

Foam lances ST-3100

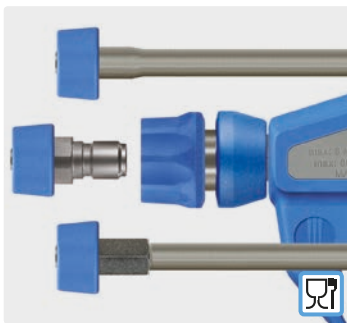


Plug ST-3100. Foam lance stainless steel 300 mm with foam nozzle 50° 200

R+M Nr.	D)	(ISO)	(M)	↔
203 100 630	50° 200	-	stainless steel	300 mm

Nozzle protector

Nozzle protector ST-11

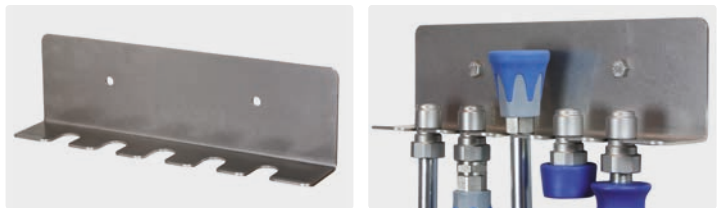


- » The nozzle protector ST-11 is suitable for nozzles 1/4" M.
- » Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004.
- » Especially designed for applications in the food industry.
- » It is clamped undetachably between the nozzle and the nozzle sleeve.

R+M Nr.	(C)
020 001 124	white
020 001 149	blue
020 001 121	red
020 001 122	green

R+M Nr.	(C)
020 001 123	yellow
020 001 157	grey
020 001 158	black

Lance holder



Stainless steel. Wall mount for 5 lances

R+M Nr.
040 003 830

easyfoam365+ Everything for the professional foam cleaning

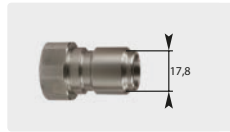
Foam lances

Spare parts ST-3100



Plug ST-3100 with foam nozzle 50° 200

R+M Nr.
502 808



Plug : 1/2" F.
Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	
040 005 661	47 mm



Nozzle protector

R+M Nr.
020 001 148



1/2" M. Brass. Foam nozzle

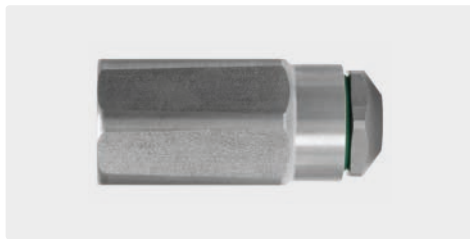
R+M Nr.	
502 803 1	50° 200
626 304	65° 100



1/2" M. Stainless steel. Foam nozzle

R+M Nr.	
502 803 19	50° 200

Spare parts nozzle head



3/8" F : 1/4" F. Stainless steel. Nozzle head without nozzle

R+M Nr.
200 072 491



3/8" M. Stainless steel

R+M Nr.	
623 401 509	40° 150



3/8" M. Stainless steel. For lance ST-72.1 / 72

R+M Nr.	
120 501 204	50° 120

Spare parts



Plastic. Stainless steel

R+M Nr.
200 010 740



2 x 1/4" F : 1/4" F. ST-58 change-over valve. Max. 350 bar / 45 l/min

R+M Nr.
200 058 600



1/4" F : 1/4" F. Stainless steel. Socket

R+M Nr.
040 004 100



1/4" F NPT : 3/8" F. Stainless steel. Socket

R+M Nr.
710 101 350

Rinsing lances ST-3100



Plug ST-3100. Lance stainless steel with moulded handle and stainless steel socket without nozzle

R+M Nr.				
203 100 605	1/4" F	400 mm	800 mm	

Plug ST-3100. Plug with nozzle protector ST-10 and nozzle 40° 30

R+M Nr.
502 807

Symbols outlet length ISO insulation nozzle DN nominal diameter thread VPE packing unit height

easyfoam365+ Everything for the professional foam cleaning

Suttner couplings and plug ST-3100



Coupling : F. Stainless steel.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	⊓
203 100 466	44 mm
203 100 461	44 mm
203 100 460	44 mm



Coupling : F. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	⊓
203 100 456	50 mm
203 100 455	50 mm



Coupling : M. Stainless steel.
60° cone. Max. 250 bar / 150 °C

R+M Nr.	⊓
203 100 653	47 mm
203 100 474	50 mm
203 100 655	45 mm



Coupling : M. Stainless steel.
60° cone. Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	⊓
203 100 652	53 mm
203 100 473	55 mm
203 100 656	54 mm



Plug : F. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	⊓
040 005 665	35 mm
040 005 667	41 mm
040 005 661	47 mm



Plug : M. Stainless steel. 60° cone.
Max. 250 bar / 150 °C

R+M Nr.	⊓
040 005 668	47 mm
040 005 662	47 mm



Plug : F. Hardened stainless steel.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	⊓
040 005 465	35 mm
040 005 467	41 mm
040 005 461	47 mm



Plug : M. Hardened stainless steel.
60° cone. Max. 250 bar / 150 °C

R+M Nr.	⊓
040 005 459	47 mm
040 005 462	47 mm



Plug : F. Stainless steel. For moulded handles.
Max. 250 bar / 150 °C

R+M Nr.	⊓
040 005 664	40 mm



Plug : F. Stainless steel + brass.
Max. 250 bar / 150 °C

⊙	DN
M22	10

R+M Nr.	⊓
203 100 665	56 mm



Coupling : M. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	⊓
203 100 660	57 mm



O-ring. 15.1x2.7

R+M Nr.	VPE
551 502 42	1
791 512 710	100



O-ring. 18x2

R+M Nr.	VPE
551 502 43	1
791 821 00	100

Ball valves



Coupling ST-3100 : 1/2" F. Ball valve with safety guard. Stainless steel.
Max. 140 bar / 80 °C

R+M Nr.
203 100 200



Coupling ST-3100 : plug ST-3100. Ball valve with safety guard. Stainless steel.
Max. 140 bar / 80 °C

R+M Nr.
203 100 210

Rubber protected ball valves



Coupling ST-3100 : 1/2" F.
Max. 60 bar. 95 °C

R+M Nr.
500 155



1/2" F : 1/2" F.
Max. 60 bar. 95 °C

R+M Nr.
500 150



1/2" F : 1/2" F. Stainless steel.
Max. 60 bar / 95 °C

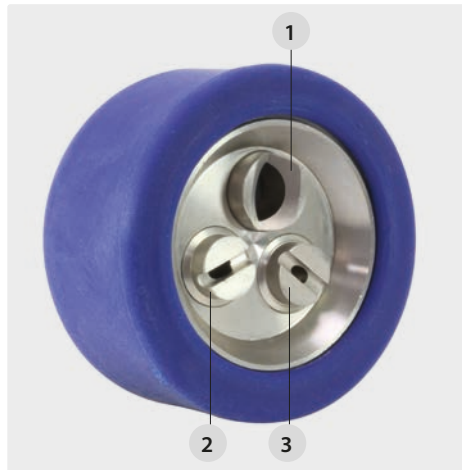
R+M Nr.
500 160

easyfoam365+ Everything for the professional foam cleaning

Triple nozzle

Triple nozzle holder stainless steel. By easily turning the head there are 3 nozzles selectable: foam, rinsing and disinfection for the food industry. Max. 200 bar

- 1 foam nozzle 50° 150
- 2 rinsing nozzle 25° 15
- 3 disinfection nozzle 60° 30



R+M Nr.	Ⓒ
657 650 0	1/2" M

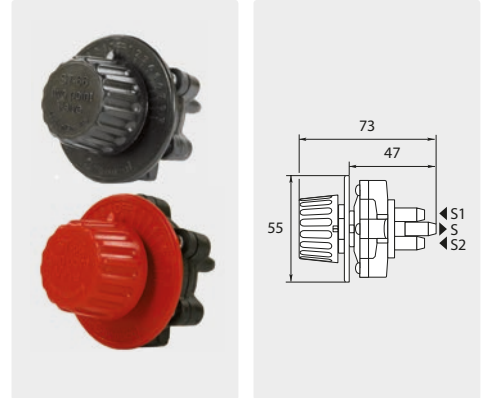


Triple nozzle holder stainless steel. By easily turning the head there are 3 nozzles with 1/4" BSP selectable. Max. 200 bar

R+M Nr.	Ⓒ
657 652 0	1/2" M

Metering valves

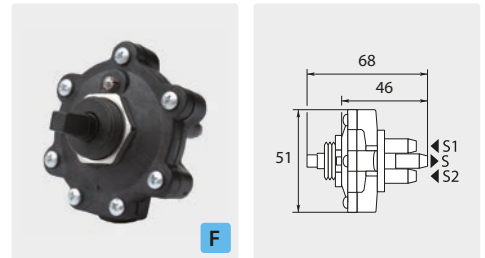
ST-66 with check valve



S = barb to pump. S1 = input barb 1.
S2 = input barb 2

R+M Nr.	TYP
200 066 500	knob black
200 066 501	knob red

ST-66 without check valve



S = barb to pump. S1 = input barb 1.
S2 = input barb 2

R+M Nr.	TYP
200 066 515	without knob

Foam nozzle

AG BSP

R+M Nr.	D	TYP	Ⓒ
120 501 204	120	50°	3/8" M



Water reduction stainless steel



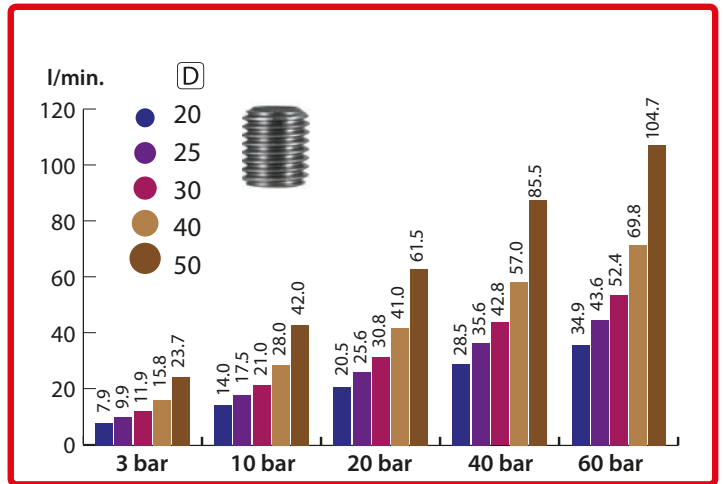
R+M Nr.	P	°C	⊘	I
710 000 000 500	400 bar	150° C	1/2" M: 1/2" F	55 mm



Water reduction inserts, stainless steel

R+M Nr.	D	⊘*
710 000 000 027	20	2.7
710 000 000 031	25	3.1
710 000 000 033	30	3.3
710 000 000 038	40	3.8
710 000 000 048	60	4.8

* hole diameter in mm



Symbols DN nominal diameter TYP type Ⓒ inlet ⊖ length BP burst pressure P pressure ⊗ wall thickness mm I height ⊙ thread D nozzle

easyfoam365+ Everything for the professional foam cleaning

blufood® - food hose

blufood® - Food hose according to 2007/19/EC, 2002/72/EC, Regulation 10/2011. Designed for industrial foam applications.

- » Field of application: foam hose and pre-spraying hose in the food industry. Suitable for contact with liquid food products.
- » Suitable for water and water mixes of usual cleaning detergents.
- » PVC hose with five layers and a smooth surface.
- » Reinforcing twofold textile meshwork.
- » -20 °C - +70 °C

blufood® per metre

R+M Nr.	DN	↔	↗	P	BP
303 70	12	10 - 100 m	5 mm	50 bar	>240 bar
303 700 019	19	10 - 60 m	6 mm	12 bar	>200 bar

Screw fittings for blufood®



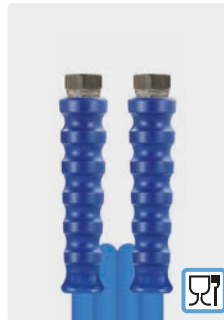
1/2" M with 60° cone. Stainless steel. Max. 50 bar
 1/2" F with 60° cone. Stainless steel. Max. 50 bar
 1/2" F. Stainless steel. Max. 50 bar. Flat sealing

R+M Nr.	DN	R+M Nr.	DN	R+M Nr.	DN
329 012 129	12	329 112 129	12	329 312 129	12

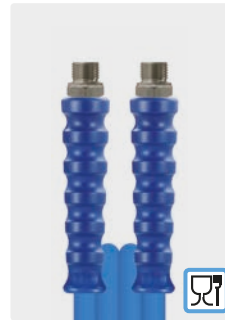
Female thread DKR

Male thread (AGR)

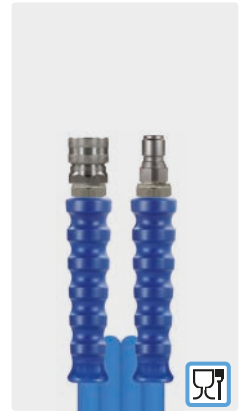
1/2" : 1/2"



Fittings stainless steel



Fittings stainless steel



Coupling ST-3100 : plug ST-3100

R+M Nr.	↔
475 056 602 59	2.5 m
475 056 610 9	10.0 m
475 056 615 9	15.0 m
475 056 620 9	20.0 m
475 056 625 9	25.0 m
475 056 630 9	30.0 m
475 056 635 9	35.0 m
475 056 640 9	40.0 m

R+M Nr.	↔
475 046 602 59	2.5 m
475 046 610 9	10.0 m
475 046 615 9	15.0 m
475 046 620 9	20.0 m
475 046 625 9	25.0 m
475 046 630 9	30.0 m
475 046 635 9	35.0 m
475 046 640 9	40.0 m

R+M Nr.	↔
475 012 262 09	20 m
475 012 262 59	25 m
475 012 263 09	30 m

Foodjet 1500 - food hose with textile meshwork

Foodjet 1500 - High pressure hose according to DIN EN 854. Particularly resistant to animal and poultry fats

- » Field of application: cleaning hose designed for the poultry processing industry
- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent

- » Surface synthetic rubber. Particularly abrasion-, oil-, ozone-resistant and weatherproof.
- » Interior synthetic, oil-resistant rubber
- » 1 tight textile meshwork
- » Max. 125 bar. Burst pressure > 375 bar.
-40 °C - +150 °C

Female thread DKR

Male thread (AGR)

Male thread (AGR) : DKR

Foodjet 1500 per metre

1/2" : 1/2"



Fittings stainless steel



Fittings stainless steel



Fittings stainless steel

DN 12

R+M Nr.	↔
303 601 500	70 - 100 m

R+M Nr.	↔
490 445 660 259	2.5 m
490 445 661 09	10.0 m
490 445 661 59	15.0 m
490 445 662 09	20.0 m
490 445 662 59	25.0 m
490 445 663 09	30.0 m
490 445 663 59	35.0 m
490 445 664 09	40.0 m

Fittings zinc-plated steel

R+M Nr.	↔
490 444 660 259	2.5 m
490 444 661 09	10.0 m
490 444 661 59	15.0 m
490 444 662 09	20.0 m
490 444 662 59	25.0 m
490 444 663 09	30.0 m
490 444 663 59	35.0 m
490 444 664 09	40.0 m

Fittings zinc-plated steel

R+M Nr.	↔
490 445 760 259	2.5 m
490 445 761 09	10.0 m
490 445 761 59	15.0 m
490 445 762 09	20.0 m
490 445 762 59	25.0 m
490 445 763 09	30.0 m
490 445 763 59	35.0 m
490 445 764 09	40.0 m

Fittings zinc-plated steel

R+M Nr.	↔
490 445 660 25	2.5 m
490 445 661 0	10.0 m
490 445 661 5	15.0 m
490 445 662 0	20.0 m
490 445 662 5	25.0 m
490 445 663 0	30.0 m
490 445 663 5	35.0 m
490 445 664 0	40.0 m

R+M Nr.	↔
490 444 660 25	2.5 m
490 444 661 0	10.0 m
490 444 661 5	15.0 m
490 444 662 0	20.0 m
490 444 662 5	25.0 m
490 444 663 0	30.0 m
490 444 663 5	35.0 m
490 444 664 0	40.0 m

R+M Nr.	↔
490 445 760 25	2.5 m
490 445 761 0	10.0 m
490 445 761 5	15.0 m
490 445 762 0	20.0 m
490 445 762 5	25.0 m
490 445 763 0	30.0 m
490 445 763 5	35.0 m
490 445 764 0	40.0 m

easyfoam365+ Everything for the professional foam cleaning

Foodjet - food hose with textile meshwork

Foodjet - high pressure hose according to DIN EN 854. Particularly resistant to animal and poultry fats

- » Field of application: cleaning hose designed for the poultry processing industry
- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent

- » Surface synthetic rubber. Particularly abrasion-, oil-, ozone-resistant, weatherproof
- » Interior synthetic, oil-resistant rubber
- » 1 tight textile meshwork
- » Max. 80 bar. Burst pressure > 240 bar. -40 °C - +150 °C

Female thread DKR

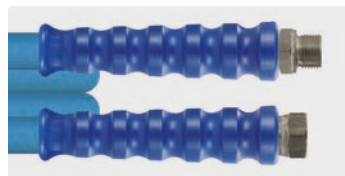
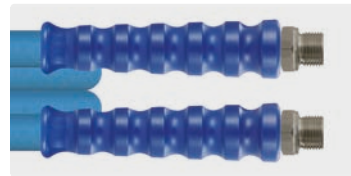
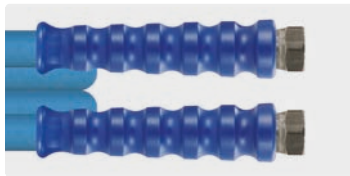
Male thread (AGR)

Male thread (AGR) : DKR

Foodjet per metre

1/2" : 1/2"

DN 12



R+M Nr.	↔
303 60	10 - 95 m

Fittings stainless steel

Fittings stainless steel

Fittings stainless steel

R+M Nr.	↔
490 056 002 59	2.5 m
490 056 010 9	10.0 m
490 056 015 9	15.0 m
490 056 020 9	20.0 m
490 056 025 9	25.0 m
490 056 030 9	30.0 m
490 056 035 9	35.0 m
490 056 040 9	40.0 m

R+M Nr.	↔
490 046 002 59	2.5 m
490 046 010 9	10.0 m
490 046 015 9	15.0 m
490 046 020 9	20.0 m
490 046 025 9	25.0 m
490 046 030 9	30.0 m
490 046 035 9	35.0 m
490 046 040 9	40.0 m

R+M Nr.	↔
490 057 002 59	2.5 m
490 057 610 9	10.0 m
490 057 615 9	15.0 m
490 057 620 9	20.0 m
490 057 625 9	25.0 m
490 057 630 9	30.0 m
490 057 635 9	35.0 m
490 057 640 9	40.0 m

blufood® - food hose

blufood® - Food hose according to (EC)2002/72, (EU) 10/2011, (EG) 1935/2004 and (EG) 2023/2006. Designed for industrial foam applications

- » Field of application: foam hose and pre-spraying hose in the food industry. Suitable for contact with liquid food products
- » Suitable for water and water mixes of usual cleaning detergents
- » PVC hose with five layers and a smooth surface

- » Reinforcing by twofold textile meshwork
- » -20 °C - +70 °C

Female thread DKR

Male thread (AGR)

ST-3100

Coupling : Plug

Screw fittings for blufood®

1/2" : 1/2"



1/2" M with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 012 129	12

Fittings stainless steel

Fittings stainless steel

Coupling ST-3100 : plug ST-3100



1/2" F with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 112 129	12

R+M Nr.	↔
475 056 602 59	2.5 m
475 056 610 9	10.0 m
475 056 615 9	15.0 m
475 056 620 9	20.0 m
475 056 625 9	25.0 m
475 056 630 9	30.0 m
475 056 635 9	35.0 m
475 056 640 9	40.0 m

R+M Nr.	↔
475 046 602 59	2.5 m
475 046 610 9	10.0 m
475 046 615 9	15.0 m
475 046 620 9	20.0 m
475 046 625 9	25.0 m
475 046 630 9	30.0 m
475 046 635 9	35.0 m
475 046 640 9	40.0 m

R+M Nr.	↔
475 012 262 09	20 m
475 012 262 59	25 m
475 012 263 09	30 m

Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004. Especially designed for applications in the food industry.



1/2" F. Stainless steel. Max. 50 bar. Flat sealing

R+M Nr.	DN
329 312 129	12

blufood® per metre

R+M Nr.	DN	↔	⊗	P 20 °C	P 70 °C	BP 20 °C	⊞
303 70	12	10 - 100 m	5	50 bar	30 bar	≥ 240 bar	0.32 kg
303 700 019	19	10 - 60 m	6	40 bar	15 bar	≥ 200 bar	0.61 kg

Symbols DN nominal diameter P pressure ↔ length TYP type BP burst pressure ⊗ wall thickness °C temperature ⊞ weight

easyfoam365+ Everything for the professional foam cleaning

PURClean365+® - food hose

PURClean365+® - Food hose according to (EG) 1935/2004, (EU) 10/2011 and (EG) 2023/2006. Designed for industrial foam applications

- » Field of application: foam hose and pre-spraying hose in the food industry. Suitable for contact with liquid food products
- » Suitable for water and water mixes of usual cleaning detergents

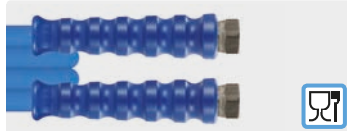
- » PVC hose with three layers and a smooth surface
- » Increased 1-layer rot-proof textile mesh.
- » **About 20 % lighter and more flexible than comparable hose types**

PURClean365+® 40

Female thread DKR 1/2" : 1/2"

Male thread (AGR) 1/2" : 1/2"

-20 °C - +70 °C. Fittings stainless steel



R+M Nr.	↔	Length
476 056 602 59	2.5 m	
476 056 610 9	10.0 m	
476 056 615 9	15.0 m	
476 056 620 9	20.0 m	
476 056 625 9	25.0 m	
476 056 630 9	30.0 m	
476 056 635 9	35.0 m	
476 056 640 9	40.0 m	

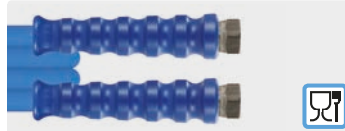
R+M Nr.	↔	Length
476 046 602 59	2.5 m	
476 046 610 9	10.0 m	
476 046 615 9	15.0 m	
476 046 620 9	20.0 m	
476 046 625 9	25.0 m	
476 046 630 9	30.0 m	
476 046 635 9	35.0 m	
476 046 640 9	40.0 m	

PURClean365+® 100

Female thread DKR 1/2" : 1/2"

Male thread (AGR) 1/2" : 1/2"

-20 °C - +100 °C. Fittings stainless steel



R+M Nr.	↔	Length
477 056 602 59	2.5 m	
477 056 610 9	10.0 m	
477 056 615 9	15.0 m	
477 056 620 9	20.0 m	
477 056 625 9	25.0 m	
477 056 630 9	30.0 m	
477 056 635 9	35.0 m	
477 056 640 9	40.0 m	

R+M Nr.	↔	Length
477 046 602 59	2.5 m	
477 046 610 9	10.0 m	
477 046 615 9	15.0 m	
477 046 620 9	20.0 m	
477 046 625 9	25.0 m	
477 046 630 9	30.0 m	
477 046 635 9	35.0 m	
477 046 640 9	40.0 m	

PURClean365+® 40 per metre

R+M Nr.	DN	↔	⊗	P 20 °C	P 70 °C	BP 20 °C	⊞
303 660 40	12	10 - 100 m	4.5	100 bar	45 bar	≥ 250 bar	0.25 kg

PURClean365+® 100 per metre

R+M Nr.	DN	↔	⊗	P 20 °C	P 100 °C	BP 20 °C	⊞
303 661 00	12	10 - 100 m	4.5	40 bar	18 bar	≥ 200 bar	0.25 kg

Screw fittings for PURClean365+®



1/2" M with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 412 129	12



1/2" F with 60° cone. Stainless steel. Max. 50 bar

R+M Nr.	DN
329 512 129	12



1/2" F. Stainless steel. Max. 50 bar. Flat sealing

R+M Nr.	DN
329 612 129	12

Galvanator - food hose

Interior synthetic rubber. Resistant to usual detergents. Very temperature-resistant. Double zinc-plated steel wire braid. Surface special synthetic rubber. **Resistant to poultry fats.** Non Marking (soot free). Field of application: poultry farms, slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, standard and industrial cleaning applications.

The advantages of the zinc-plated steel braids become obvious when effecting a salt water test. The Galvanator has been soaked in a 5 % salt water solution at 45 °C for 48 hours.



Quick screw couplings

M22 : M22

M22 : M22

M22 : M22

QSC: QSC

M22 : M22 swivel

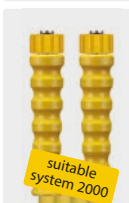
Female thread (DKR)

1/2" : 1/2"

1/2" : 1/2"

M (AGR)

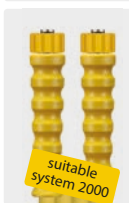
3/8" : 3/8"



Nipple & crimp VA



Stainless steel



Zinc-plated steel



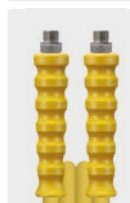
Nipple & crimp VA



Stainless steel



Zinc-plated steel



Stainless steel

Hoses with double wire braid made out of zinc-plated steel and wrapped cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
Galvanator	10	350 bar	121 °C	10 m	359 100 410 7	359 100 410 9	359 100 410	359 101 410 7	359 156 410 9	359 156 410	359 144 410 9
				15 m	359 100 415 7	359 100 415 9	359 100 415	359 101 415 7	359 156 415 9	359 156 415	359 144 415 9
				20 m	359 100 420 7	359 100 420 9	359 100 420	359 101 420 7	359 156 420 9	359 156 420	359 144 420 9
				25 m	359 100 425 7	359 100 425 9	359 100 425	359 101 425 7	359 156 425 9	359 156 425	359 144 425 9
				30 m	359 100 430 7	359 100 430 9	359 100 430	359 101 430 7	359 156 430 9	359 156 430	359 144 430 9
				35 m	359 100 435 7	359 100 435 9	359 100 435	359 101 435 7	359 156 435 9	359 156 435	359 144 435 9
				40 m	359 100 440 7	359 100 440 9	359 100 440	359 101 440 7	359 156 440 9	359 156 440	359 144 440 9

easyfoam365+ Everything for the professional foam cleaning

High pressure hoses for special applications

greyflex – high pressure hose

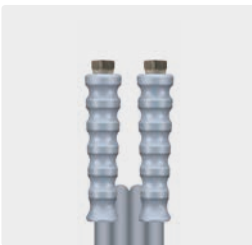
- » Ideal field of application: food and beverage industry, fish farming and swimming pools
- » Plug, crimp and connection stainless steel
- » Excellent ease of use, extremely light weight and flexible in case of low temperatures
- » Smooth and stain-resistant surface made out of thermoplastic elastomer
- » Ideal for the use on rough floors due to high abrasion resistance
- » Grease, oil-, UV-, ozone-resistant and weatherproof
- » Brass-plated wire braid
- » Suitable for working pressures of max. 275 bar. DN 10. -40 °C - +120 °C, -40 °F - +248 °F



TYP	DN	P	°C	↔
greyflex new	8	250 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m
greyflex	10	275 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m

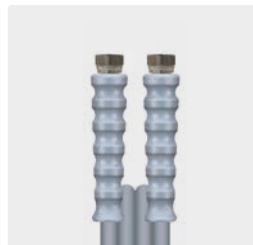
Female thread (DKR)

3/8" : 3/8"



R+M Nr.
342 201 545 109
342 201 545 159
342 201 545 209
342 201 545 259
342 201 545 309
352 201 545 109
352 201 545 159
352 201 545 209
352 201 545 259
352 201 545 309

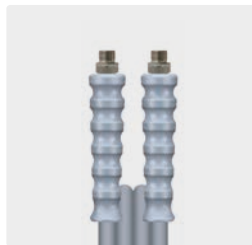
1/2" : 1/2"



R+M Nr.
352 201 565 109
352 201 565 159
352 201 565 209
352 201 565 259
352 201 565 309

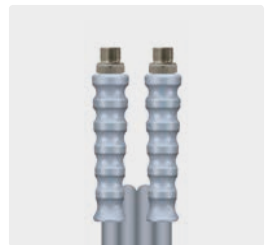
Male thread (AGR)

3/8" : 3/8"



R+M Nr.
342 201 445 109
342 201 445 159
342 201 445 209
342 201 445 259
342 201 445 309
352 201 445 109
352 201 445 159
352 201 445 209
352 201 445 259
352 201 445 309

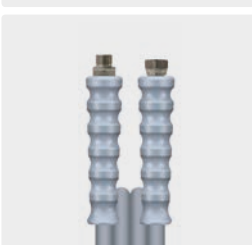
1/2" : 1/2"



R+M Nr.
342 201 465 109
342 201 465 159
342 201 465 209
342 201 465 259
342 201 465 309
352 201 465 109
352 201 465 159
352 201 465 209
352 201 465 259
352 201 465 309

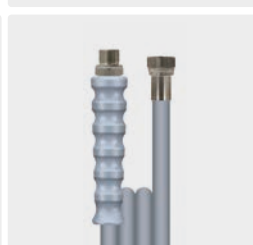
Male thread (AGR) : Female thread (DKR)

3/8" : 3/8"



R+M Nr.
342 201 555 109
342 201 555 159
342 201 555 209
342 201 555 259
342 201 555 309
352 201 555 109
352 201 555 159
352 201 555 209
352 201 555 259
352 201 555 309

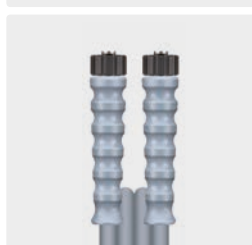
1/2" : 1/2"



R+M Nr.
342 201 578 109
342 201 578 159
342 201 578 209
342 201 578 259
342 201 578 309
352 201 578 109
352 201 578 159
352 201 578 209
352 201 578 259
352 201 578 309

QSC : QSC

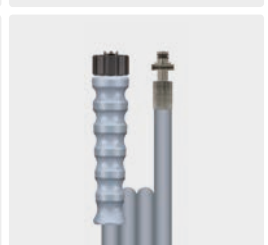
M22 : M22



R+M Nr.
342 201 005 109
342 201 005 159
342 201 005 209
342 201 005 259
342 201 005 309
352 201 005 109
352 201 005 159
352 201 005 209
352 201 005 259
352 201 005 309

QSC : plug swivel

M22 : 11 swivel

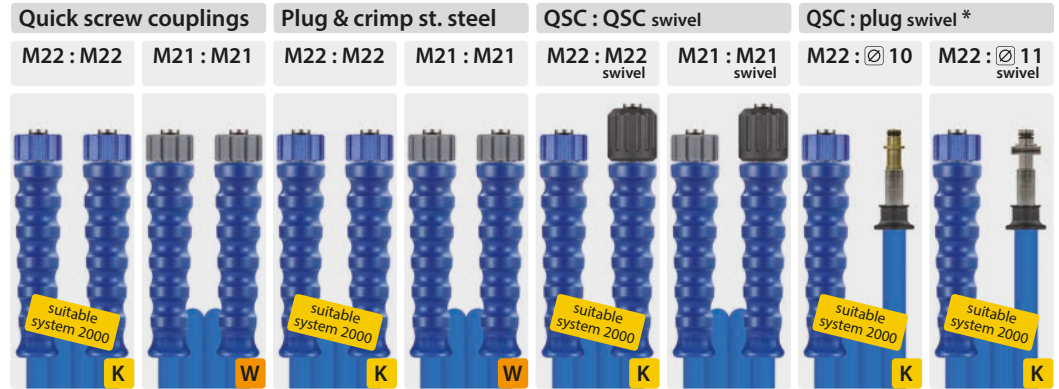


R+M Nr.
342 201 115 109
342 201 115 159
342 201 115 209
342 201 115 259
342 201 115 309
352 201 115 109
352 201 115 159
352 201 115 209
352 201 115 259
352 201 115 309

TYP	DN	P	°C	↔
new	8	250 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m
greyflex	10	275 bar	120 °C	10 m
				15 m
				20 m
				25 m
				30 m

easyfoam365+ Everything for the professional foam cleaning

High pressure hoses with *smooth* cover



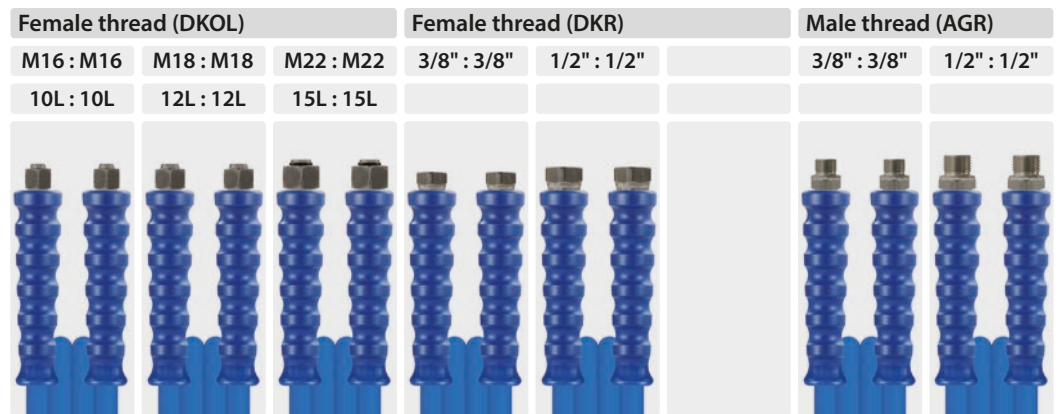
Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	10	210 bar	150 °C	10 m	351 600 610	351 620 610	351 600 610 7	351 620 610 7	351 601 610	351 621 610		
				15 m	351 600 615	351 620 615	351 600 615 7	351 620 615 7	351 601 615	351 621 615		
				20 m	351 600 620	351 620 620	351 600 620 7	351 620 620 7	351 601 620	351 621 620		

Hoses with double wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	346 600 610	346 620 610	346 600 610 7	346 620 610 7	346 601 610	346 621 610	346 610 610	346 611 610
				15 m	346 600 615	346 620 615	346 600 615 7	346 620 615 7	346 601 615	346 621 615	346 610 615	346 611 615
				20 m	346 600 620	346 620 620	346 600 620 7	346 620 620 7	346 601 620	346 621 620	346 610 620	346 611 620
2SN	10	400 bar	150 °C	10 m	356 600 610	356 620 610	356 600 610 7	356 620 610 7	356 601 610	356 621 610		
				15 m	356 600 615	356 620 615	356 600 615 7	356 620 615 7	356 601 615	356 621 615		
				20 m	356 600 620	356 620 620	356 600 620 7	356 620 620 7	356 601 620	356 621 620		

* not to be used for patented Kärcher guns.



Hoses with single wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
1SN	10	210 bar	150 °C	10 m		351 676 610		351 654 610			351 646 610
				15 m		351 676 615		351 654 615			351 646 615
				20 m		351 676 620		351 654 620			351 646 620
1SN	12	180 bar	150 °C	10 m			361 668 610		361 656 610		361 646 610
				15 m			361 668 615		361 656 615		361 646 615
				20 m			361 668 620		361 656 620		361 646 620

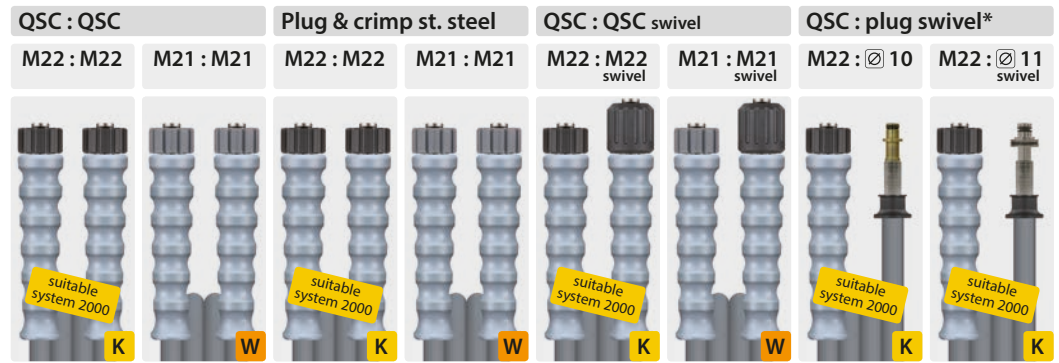
Hoses with double wire braid and *smooth* cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
2SN	8	400 bar	150 °C	10 m	346 674 610	346 676 610		346 654 610			346 644 610	
				15 m	346 674 615	346 676 615		346 654 615			346 644 615	
				20 m	346 674 620	346 676 620		346 654 620			346 644 620	
2SN	10	400 bar	150 °C	10 m		356 676 610		356 654 610	356 656 610		356 644 610	356 646 610
				15 m		356 676 615		356 654 615	356 656 615		356 644 615	356 646 615
				20 m		356 676 620		356 654 620	356 656 620		356 644 620	356 646 620

Symbols DN nominal diameter P pressure ↔ length TYP type °C temperature

easyfoam365+ Everything for the professional foam cleaning

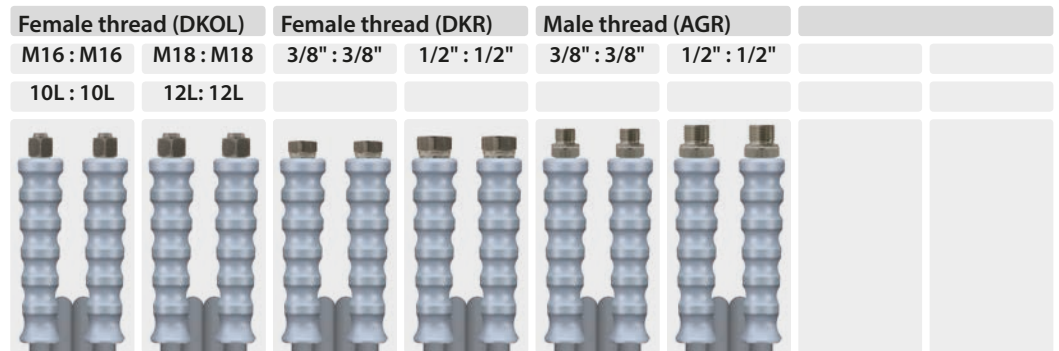
High pressure hoses with smooth cover



Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	347 600 510	347 620 510	347 600 510 7	347 620 510 7	347 601 510	347 621 510	347 610 510	347 611 510
				15 m	347 600 515	347 620 515	347 600 515 7	347 620 515 7	347 601 515	347 621 515	347 610 515	347 611 515
				20 m	347 600 520	347 620 520	347 600 520 7	347 620 520 7	347 601 520	347 621 520	347 610 520	347 611 520
2SN	10	400 bar	150 °C	10 m	357 600 510	357 620 510	357 600 510 7	357 620 510 7	357 601 510	357 621 510		
				15 m	357 600 515	357 620 515	357 600 515 7	357 620 515 7	357 601 515	357 621 515		
				20 m	357 600 520	357 620 520	357 600 520 7	357 620 520 7	357 601 520	357 621 520		

* not to be used for patented Kärcher guns.



Hoses with double wire braid and smooth cover

TYP	DN	P	°C	↔	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
2SN	8	400 bar	150 °C	10 m	347 674 510	347 676 510	347 654 510		347 644 510			
				15 m	347 674 515	347 676 515	347 654 515		347 644 515			
				20 m	347 674 520	347 676 520	347 654 520		347 644 520			
2SN	10	400 bar	150 °C	10 m		357 676 510	357 654 510	357 656 510	357 644 510	357 646 510		
				15 m		357 676 515	357 654 515	357 656 515	357 644 515	357 646 515		
				20 m		357 676 520	357 654 520	357 656 520	357 644 520	357 646 520		

Our hose assemblies are durably marked on the crimp in accordance with EN 853 / EN 856 / EN 855.

All fittings are made out of zinc-plated steel. The hoses are also available with stainless steel fittings.

Please be so kind as to state the following on your order: R+M Nr. plus number:

7 = plug and crimp stainless steel 8 = plug stainless steel 9 = plug, crimp and connection stainless steel

Food high pressure hoses per metre

- » Food hose according to 2002/72/EC
- » Especially designed for industrial foam cleaning applications
- » Fivefold coated PVC hose with a flush surface
- » Twofold textile meshwork
- » Suitable for: water and water mixes of usual cleaning detergents

blufood®



Field of application: foam hose and pre-spraying hose for the food industry.
Suitable for the contact with liquid food products

R+M Nr.	TYP	DN	∅	P	BP	°C
303 70	blufood	12	22	50 bar	240	-20 °C - +70 °C
303 700 019	blufood	19	31	12 bar	240	-20 °C - +70 °C

easyfoam365+ Everything for the professional foam cleaning

Food high pressure hoses per metre

- » Food hose according to (EG) 1935/2004, (EU) 10/2011 and (EG) 2023/2006 » Increased 1-layer rot-proof textile mesh.
- » Especially designed for industrial foam cleaning applications » Suitable for: water and water mixes of usual cleaning detergents
- » Threefold coated PVC hose with a flush surface

PURClean365+® 40 / PURClean365+® 100

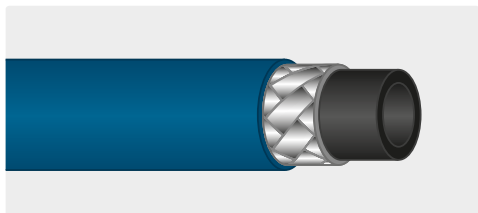


Field of application: foam hose and pre-spraying hose for the food industry.
Suitable for the contact with liquid food products

R+M Nr.	TYP	↔	DN	∅	P 20 °C	P 70 °C	BP 20 °C	°C
303 660 40	40	10 - 100 m	12	21.6	100 bar	45 bar	≥ 250 bar	-10 °C - + 70 °C
303 661 00	100	10 - 100 m	12	21.6	40 bar	18 bar	≥ 200 bar	-10 °C - +100 °C

High pressure hoses per metre

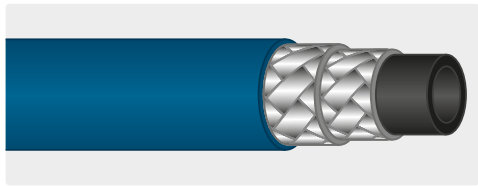
1SN blue - smooth cover



Non Marking (soot free). Field of application: suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
301 072	1 SN	6	11.0	250 bar	≥900 bar	-40 °C - +150 °C
302 452	1SN	10	17.5	210 bar	≥720 bar	-40 °C - +150 °C
302 902	1SN	12	20.8	180 bar	≥640 bar	-40 °C - +150 °C

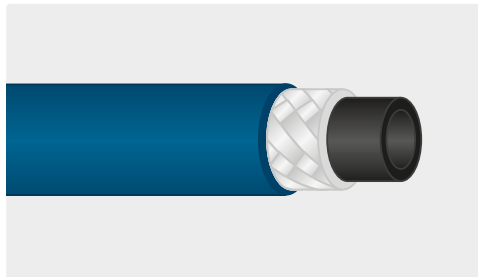
2SN blue - smooth cover



DIN EN 853. Non Marking (soot free). Field of application: suitable for versatile, universal applications such as self service car wash, swimming baths, offices and plants being equipped with e.g. tiles or special flooring

R+M Nr.	TYP	DN	∅	P	BP	°C
302 052	2SN	8	16.7	400 bar	≥1,600 bar	-40 °C - +150 °C
302 653	2SN	10	18.9	400 bar	≥1,600 bar	-40 °C - +150 °C

Foodjet



- » High pressure hose according to DIN EN 854
- » **Particularly resistant to animal and poultry fats**
- » Surface synthetic rubber
- » **Interior synthetic, oil-resistant rubber, two tight textile meshwork. Foodjet 1500 three**

tight textile meshwork

- » Suitable for: oil, water, water-in-oil emulsion and water mixes with up to 50 % detergent
- » Particularly abrasion-, oil-, ozone-resistant and weatherproof

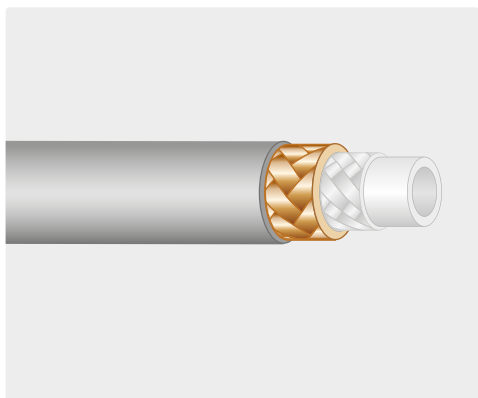
Field of application: cleaning hose designed for the poultry processing industry

R+M Nr.	TYP	DN	∅	P	BP	°C
303 60	Foodjet	12	19.7	80 bar	240	-40 °C - +150 °C



R+M Nr.	TYP	DN	∅	P	BP	°C
303 601 500	Foodjet 1500	12	21.8	125 bar	375	-40 °C - +150 °C

greyflex



- » Especially developed to meet highest requirements to hygiene and ergonomics
- » Smooth surface made out of thermoplastic elastomer
- » **Brass-plated wire braid, fabric braid, high-tensile polyester meshwork and PES-interior very resistant to detergents**
- » Suitable for: oil, water, water-oil emulsion and water-detergent mixture.
- » Particularly abrasion-, UV-, grease-, oil-, ozone-resistant and weatherproof
- » extremely light weight and flexible in case of low temperatures
- » Roll at 100 m

Field of application: Food and beverage industry, fish farming and swimming pools

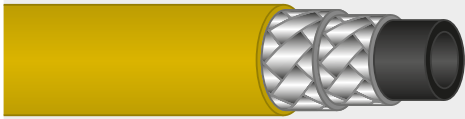
R+M Nr.	TYP	DN	∅	P	BP	°C
300 201 108	greyflex	8	15,2	250 bar	1.000	-40 °C - +120 °C
300 201 110	greyflex	10	17,4	275 bar	1.100	-40 °C - +120 °C

Symbols ∅ diameter DN nominal diameter P pressure °C temperature ↔ length TYP type BP burst pressure

easyfoam365+ Everything for the professional foam cleaning

High pressure hoses per metre

Galvanator

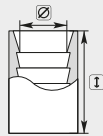


- » Interior synthetic rubber
- » Resistant to usual detergents
- » Very temperature-resistant
- » **Double steel zinc plated wire braid**
- » Surface special synthetic rubber
- » **Resistant to poultry fats**
- » Non Marking (soot free)

Field of application: Poultry farms, slaughterhouses, fishing, bakeries etc. Not suitable for swimming baths, standard and industrial cleaning applications. The hoses should be cleaned with hot water but not with any solvents or chemicals as this makes them harden and unserviceable

R+M Nr.	TYP	DN	∅	P	BP	°C
302 67	Galvanator	10	18.0	350 bar	≥ 1,400 bar	-29 °C - +121 °C

Crimp cartridges suitable for different hose models



2ST / 2SN

DN	R+M Nr.	hoses	TYP	∅	I	M
10	313 192	2SN	ns	19.6 mm	32 mm	stainless steel
10	313 192	2ST	s	19.6 mm	32 mm	stainless steel
10	313 20	2ST / 2SN	s	18.1 mm	32 mm	zinc-plated steel
10	313 29	2ST / 2SN	s	18.0 mm	32 mm	stainless steel
10	313 201	2SN	ns	18.0 mm	32 mm	zinc-plated steel
12	313 35	2ST / 2SN	s	22.0 mm	34 mm	zinc-plated steel
12	313 329	2ST	s	23.1 mm	34 mm	stainless steel
12	313 329	2SN	ns	23.1 mm	34 mm	stainless steel
12	313 359	2ST / 2SN	s	21.0 mm	35 mm	stainless steel

Plastic

DN	R+M Nr.	hoses	TYP	∅	I	M
12	313 301	blufood	ns	23.0 mm	34 mm	zinc-plated steel
12	313 329	blufood	ns	23.1 mm	34 mm	stainless steel
12	313 329	PUReClean365+	ns	25:1 mm	34 mm	stainless steel

R+M

DN	R+M Nr.	hoses	TYP	∅	I	M
10	313 10	Galvanator	s	16.5 mm	32 mm	zinc-plated steel
10	313 19	Galvanator	s	16.6 mm	32 mm	stainless steel
10	313 15	2SC 500 bar	s	18.3 mm	34 mm	zinc-plated steel
10	313 29	2SN 500 bar	s	18.0 mm	32 mm	stainless steel
10	313 19	2SC 500 bar	s	16.6 mm	22 mm	stainless steel
12	313 301	Foodjet	ns	23.0 mm	34 mm	zinc-plated steel
12	313 319	Foodjet	ns	22.7 mm	34 mm	stainless steel

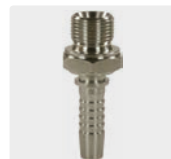
1SC / 1SN

DN	R+M Nr.	hoses	TYP	∅	I	M
10	313 10	1SN	s	16.6 mm	32 mm	zinc-plated steel
10	313 101	1SN	ns	18.3 mm	32 mm	zinc-plated steel
10	313 19	1SN	s	16.6 mm	32 mm	stainless steel
10	313 191	1SN	ns	17.8 mm	31 mm	stainless steel
10	313 192	1SN	ns	19.6 mm	32 mm	stainless steel
12	313 329	1SN	ns	23.1 mm	34 mm	stainless steel
12	313 30	1SN	s	20.5 mm	34 mm	zinc-plated steel
12	313 39	1SN	s	19.3 mm	34 mm	stainless steel
12	313 319	1SN	ns	22.7 mm	34 mm	stainless steel

Crimp nipples



Stainless steel

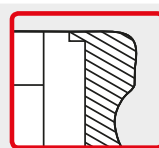
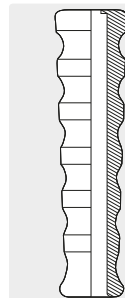


Stainless steel

DN	∅
10	1/4"
10	3/8"
10	1/2"
12	3/8"
12	1/2"
12	3/4"

R+M Nr.
316 25
316 409
316 381 2
316 429
316 081 29

R+M Nr.
315 459
315 69
315 619
315 080 69
315 66



The lip that engages behind the holder avoids any loosening.

Special material which is substantially more UV- and ozone-resistant than usual rubber.

DN	∅
6	15.5 mm
8	19.5 mm
10	20.5 mm
12	23.5 mm
12	23.5 mm blufood

Hose bend restrictor



Blue



Grey



Yellow

R+M Nr.
308 515
309 055
309 155
309 165
309 166 01 *

R+M Nr.
309 005
309 105

R+M Nr.
308 805
308 905
309 185

* FDA-Compliant and 1935/2004 / EC (food contact safe plastics)

Symbols DN nominal diameter ∅ diameter TYP type P pressure BP burst pressure °C temperature I height ∅ thread D nozzle ← flow

easyfoam365+ Everything for the professional foam cleaning

Foam lances

ST-72 foam lances with air injector



1/4" M. Foam lance stainless steel with air injector, vented handle ST-9 380 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☰	C**	☰
200 072 500	2.0 mm	< 15 l/min	green	600 mm
200 072 510	2.3 mm	< 20 l/min	yellow	600 mm
200 072 511	2.7 mm	< 26 l/min	blue	600 mm
200 072 520	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☰	C**	☰
200 072 600	2.0 mm	< 15 l/min	green	1200 mm
200 072 610	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 620	3.2 mm	> 26 l/min	red	1200 mm



M22 F. Foam lance stainless steel with air injector, vented handle ST-9 380 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☰	C**	☰
200 072 504	2.0 mm	< 15 l/min	green	600 mm
200 072 514	2.3 mm	< 20 l/min	yellow	600 mm
200 072 515	2.7 mm	< 26 l/min	blue	600 mm
200 072 524	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☰	C**	☰
200 072 604	2.0 mm	< 15 l/min	green	1200 mm
200 072 614	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 624	3.2 mm	> 26 l/min	red	1200 mm



Plug KW. Foam lance stainless steel with air injector, vented handle ST-9 380 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☰	C**	☰
200 072 502	2.0 mm	< 15 l/min	green	600 mm
200 072 512	2.3 mm	< 20 l/min	yellow	600 mm
200 072 513	2.7 mm	< 26 l/min	blue	600 mm
200 072 522	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☰	C**	☰
200 072 602	2.0 mm	< 15 l/min	green	1200 mm
200 072 612	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 622	3.2 mm	> 26 l/min	red	1200 mm

easyfoam365+ Everything for the professional foam cleaning

Foam lances

ST-72.1 foam lances with air injector



1/4" M. Foam lance stainless steel with air injector, vented handle ST-9.9 330 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☐	C**	☐
200 072 633	2.0 mm	< 15 l/min	green	600 mm
200 072 625	2.3 mm	< 20 l/min	yellow	600 mm
200 072 627	2.7 mm	< 26 l/min	blue	600 mm
200 072 629	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☐	C**	☐
200 072 634	2.0 mm	< 15 l/min	green	1200 mm
200 072 626	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 628	2.7 mm	< 26 l/min	blue	1200 mm
200 072 631	3.2 mm	> 26 l/min	red	1200 mm



M22 F. Foam lance stainless steel with air injector, vented handle ST-9.9 380 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☐	C**	☐
200 072 636	2.0 mm	< 15 l/min	green	600 mm
200 072 639	2.3 mm	< 20 l/min	yellow	600 mm
200 072 642	2.7 mm	< 26 l/min	blue	600 mm
200 072 644	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☐	C**	☐
200 072 637	2.0 mm	< 15 l/min	green	1200 mm
200 072 641	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 643	2.7 mm	< 26 l/min	blue	1200 mm
200 072 645	3.2 mm	> 26 l/min	red	1200 mm



Plug KW. Foam lance stainless steel with air injector, vented handle ST-9.9 380 mm, grip and stainless steel socket with nozzle. A foam injector is required. Max. 250 bar / 80 °C

R+M Nr.	D*	☐	C**	☐
200 072 646	2.0 mm	< 15 l/min	green	600 mm
200 072 648	2.3 mm	< 20 l/min	yellow	600 mm
200 072 651	2.7 mm	< 26 l/min	blue	600 mm
200 072 653	3.2 mm	> 26 l/min	red	600 mm

R+M Nr.	D*	☐	C**	☐
200 072 647	2.0 mm	< 15 l/min	green	1200 mm
200 072 649	2.3 mm	< 20 l/min	yellow	1200 mm
200 072 652	2.7 mm	< 26 l/min	blue	1200 mm
200 072 654	3.2 mm	> 26 l/min	red	1200 mm



* air injector ** nozzle protector

easyfoam365+ Everything for the professional foam cleaning

Foam lances

Lances with female thread



1/4" M. Lance with moulded handle Cool & Compact. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	⇄	M	R+M Nr.
200 129 140	1/4" F BSP	300 mm	500 mm	stainless steel	
200 129 145	1/4" F BSP	400 mm	700 mm	stainless steel	
200 129 150	1/4" F BSP	400 mm	800 mm	stainless steel	

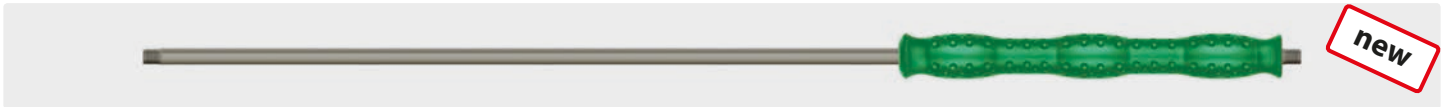


1/4" M. Lance. Max. 400 bar / 150 °C

R+M Nr.	☉	⇄	M	R+M Nr.
070 000 097	1/4" F BSP	100 mm	stainless steel	
070 000 098	1/4" F BSP	150 mm	stainless steel	
070 000 099	1/4" F BSP	200 mm	stainless steel	
070 000 095	1/4" F BSP	250 mm	stainless steel	
070 000 101	1/4" F BSP	350 mm	stainless steel	

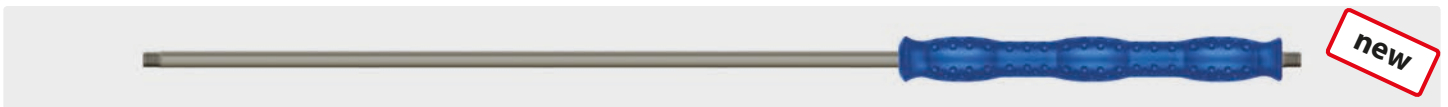
Lances

ST-29 Cool & Compact



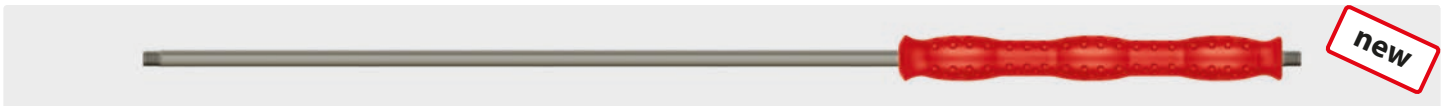
Lance with insulation ST-29 Cool & Compact green. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	⇄	M	R+M Nr.
200 029 317	1/4" M	300 mm	900 mm	stainless steel	



Lance with insulation ST-29 Cool & Compact blue. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	⇄	M	R+M Nr.
200 029 315	1/4" M	300 mm	900 mm	stainless steel	



Lance with insulation ST-29 Cool & Compact red. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	⇄	M	R+M Nr.
200 029 318	1/4" M	300 mm	900 mm	stainless steel	



Lance with insulation ST-29 Cool & Compact yellow. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

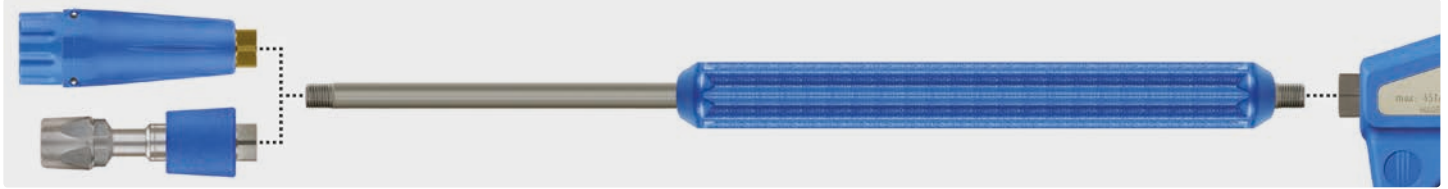
R+M Nr.	☉	ISO	⇄	M	R+M Nr.
200 029 316	1/4" M	300 mm	900 mm	stainless steel	

Symbols ☐ nozzle ⇄ length M material ☉ outlet ISO insulation ⇄ flow C colour ☉ thread

easyfoam365+ Everything for the professional foam cleaning

Foam head ST-75

By means of the foam head ST-75 different foam applications are possible as the air injector nozzle is easily exchangeable and adaptable. The flat spray nozzle can be infinitely adapted from the vertical position to the horizontal one. The maximum flow is dependent on the chosen nozzle size. By means of the integrated air injector in the foam head the air is sucked in on the face side. Independent of the length of the lance a constant foam quality is guaranteed. The spraying result is especially even as a high quality foam nozzle insert is used.
Max. 350 bar / 100 °C



Stainless steel. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 514	1.60	1/4" F
200 075 515	1.90	1/4" F



Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 574	1.20	1/4" F
200 075 576	1.35	1/4" F
200 075 577	1.45	1/4" F
200 075 572	1.60	1/4" F
200 075 575	1.75	1/4" F
200 075 573	1.90	1/4" F



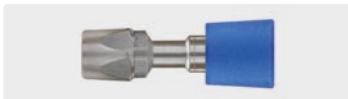
Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 554	1.20	1/4" F
200 075 552	1.60	1/4" F
200 075 553	1.90	1/4" F



Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 562	1.60	1/4" F
200 075 563	1.90	1/4" F



Stainless steel. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 512	1.60	M18 F
200 075 513	1.90	M18 F



Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 570	1.60	M18 F
200 075 571	1.90	M18 F



Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 550	1.60	M18 F
200 075 551	1.90	M18 F



Brass. ST-75 with nozzle.
Max. 350 bar / 100 °C

R+M Nr.	∅*	⊕
200 075 560	1.60	M18 F
200 075 561	1.90	M18 F



Air injector nozzle

R+M Nr.	∅*	D
200 075 401	1.05	03
200 075 402	1.10	035
200 075 403	1.20	04
200 075 405	1.35	05
200 075 425	1.40	055
200 075 406	1.45	06
200 075 427	1.55	07
200 075 407	1.60	075
200 075 408	1.70	08
200 075 410	1.90	10
200 075 413	2.10	13
200 075 415	2.30	15
200 075 420	2.65	20



Stainless steel. ST-75.1 with nozzle and without foam pad.
Max. 350 bar / 60 °C

R+M Nr.	∅*	⊕
200 075 600	1.60	M18 F
200 075 601	1.90	M18 F



Brass. ST-75.1 without nozzle and without foam pad.
Max. 350 bar / 60 °C

R+M Nr.	⊕
200 075 482	M 18 F
200 075 493	1/4" F



Brass. ST-75.1 without nozzle and without foam pad.
Max. 350 bar / 60 °C

R+M Nr.	⊕
200 075 486	M18 F



Stainless steel. ST-75.1 with nozzle and without foam pad.
Max. 350 bar / 60 °C

R+M Nr.	∅*	⊕
200 075 602	1.60	1/4" F
200 075 603	1.90	1/4" F



1/4" F : M18 M. Nozzle holder EG.

R+M Nr.	⊕
010 000 043	Brass
040 000 041	Stainless steel



O-ring. 10x2. Viton

R+M Nr.	VPE
790 20	1
790 201 00	100



Foam pad

R+M Nr.
540 500 09

* hole diameter in mm
** nozzle size in mm

easyfoam365+ Everything for the professional foam cleaning

Long cast foam head ST-75.2



With adjustable air-intake. Max. 150 bar / 90 °C

R+M Nr.	∅*	ⓐ	l/min.
200 075 800 001	1.55	1/4" F	11
200 075 800 002	1.60	1/4" F	12-14
200 075 800 003	1.90	1/4" F	14-17
200 075 800 004	2.10	1/4" F	18-20
200 075 800 005	2.30	1/4" F	21-22
200 075 800 006	2.30	1/4" F	23-27
200 075 800 007	2.65	1/4" F	28-30
200 075 810 001	2.65	1/4" F	31-40



foamblaster ST-76

The foamblaster ST-76 is designed for applications in agriculture, industry, municipal cleaning and fire fighting technology.

There are injector nozzles with diameters of up to 2.8 mm for high flow rates available for all easyfoam365+ stainless steel injectors ST-160, ST-164, ST-166 and ST-167.

Material: stainless steel / plastic.

Min. 70 bar for use in combination with an easyfoam365+ injector unit.

Min. 30 bar for use with water / foamagent premix.

Max. 250 bar / 20 - 60 l/min / 100 °C

R+M Nr.	D**	ⓐ
200 076 615	2.3	1/2" F
200 076 618	2.6	1/2" F
200 076 621	2.8	1/2" F
200 076 600	2.9	1/2" F
200 076 624	3.0	1/2" F
200 076 630	3.3	1/2" F
200 076 633	3.5	1/2" F



Micro Droplets Nozzle Holder

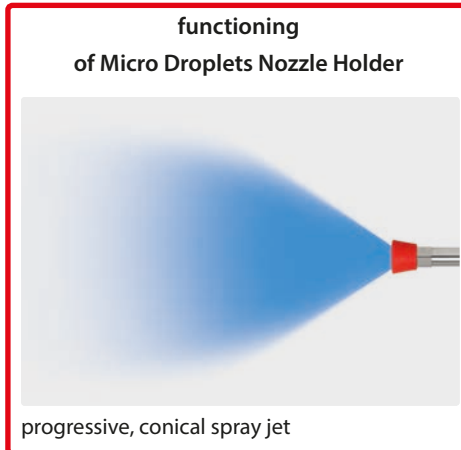
Fields of application:

Disinfection, humidification, cooling, dust suppression, decontamination, odor control in agricultural, food and construction industry, defence and firefighting technology, car washing and detailing



ST-78. Stainless steel

R+M Nr.	ⓐ
200 078 830	1/4" F



Nozzles for Micro Droplets Nozzle Holder



M15x1 M. Stainless steel

R+M Nr.	D
200 078 412	1.2 mm
200 078 415	1.5 mm
200 078 420	2.0 mm
200 078 423	2.3 mm
200 078 425	2.5 mm
200 078 430	3.0 mm
200 078 435	3.5 mm

Symbols ⓐ inlet D nozzle M material VPE packing unit ∅ diameter

easyfoam365+ Everything for the professional foam cleaning

ST-175 Foam & Clean

The change-over lance ST-175 Foam & Clean is the ideal accessory for Suttner's foam injector line. The innovative change-over technology allows to direct the full flow into either one or the other outlet pipe just by turning the hand wheel at the inlet.

In one position of the hand wheel the flow is directed thru an ST-75 foam head for foaming. After changing over the full flow is directed thru the other pipe and a regular spray nozzle for rinsing.

Appropriate nozzle sizing at chemical injector and ST-175 allows changing from foaming to rinsing right at the lance. ST -175 Foam & Clean is compatible to ST-160 / ST-164 / ST-166 / ST-167.

Due to ST -175's changeable air injector nozzles the lance can be driven with all pressure washers with flow rates from 5 to 25 l/min. Nozzles with integrated jet former are required.



Twin foam lance with vented handle ST-9 380 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 400	1/4" F	-	650 mm



K

Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, ergonomic swivel screw coupling, nozzle protector without tip and foam head ST-75.1 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 411	M22 F	-	420 mm



Twin foam lance with vented handle ST-9 380 mm, change-over lance with 1/4" M and nozzle protector ST-10 without nozzle.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 510	1/4" F	-	650 mm



Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, nozzle protector without tip and foam head ST-75.1 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 412	1/4" F	-	420 mm



Twin foam lance with vented handle ST-9 380 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75 with nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 430	M22 F	1.9	650 mm
200 175 431	M22 F	2.1	650 mm



Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75.1 without nozzle. A foam injector is required.

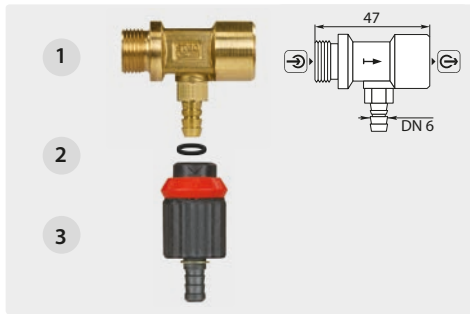
Max. 350 bar / 45 l/min / 100 °C

R+M Nr.	⊕	D	↔
200 175 414	1/4" F	-	420 mm



easyfoam365+ Everything for the professional foam cleaning

Suttner foam injectors



Max. 250 bar / 60 °C.

Mixing of chemicals approx. 0 - 11.5 %

R+M Nr.	TYP	D	G	⊖
200 060 700	1	ST-60.1	1.6	3/8" M 3/8" F
200 060 710	1	ST-60.1	1.8	3/8" M 3/8" F
050 000 370	2	o-ring		
200 061 500	3	metering valve	hose tail	⊘ 6 mm

Repair kits



Chemical check valve. Hose tail 6 mm

R+M Nr.
200 060 725

Suttner chemical injectors

ST-64 upstream chemical injectors



Injector with shiftable and disengageable chemical dosing. For suction of chemicals in the water inlet of the pump. Mixtures of chemicals/water can be applied by high pressure. Please use the backflow preventer (R+M Nr. 734 10). Hose tail 6 mm. Max. 10 bar / 90 °C

R+M Nr.	⊖	G	⊖
200 064 500	1/2" M	1/2" F	5 - 15 l/min
200 064 510	1/2" M	1/2" F	15 - 30 l/min

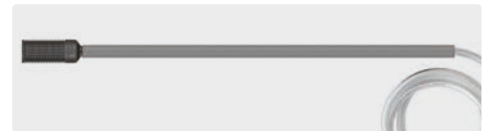
ST-230 Pressure regulating valve-set



ST-230 with connection, ball valve, stainless steel lance 400 mm and hose 1,000 mm. Max. 250 bar / 30 l/min / 95 °C

R+M Nr.	G	⊖
530 404 1	M22 M	M22 F

Suttner chemical suction set



Suction set with suction hose 1,500 mm, suction filters ST-31 and chemical-resistant plastic tube 320 mm. The tube keeps the suction filter at the deepest point.

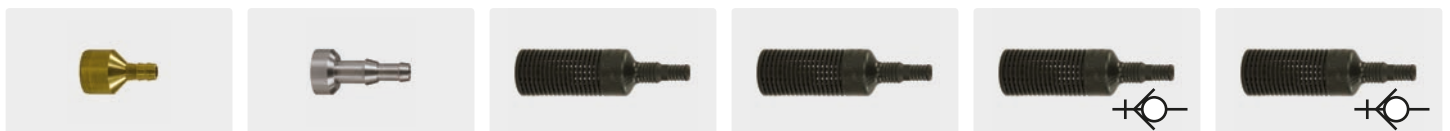
R+M Nr.	TYP	DN
200 031 500	clear PVC hose	6 mm
200 031 510	reinforced PVC hose blue	9 mm
200 031 520	reinforced PVC hose yellow	9 mm
200 031 530	reinforced PVC hose clear	9 mm



Suction set with filter check valve ST-32 and stainless steel tube 350 mm.

R+M Nr.	DN
200 032 601	6 mm
200 032 602	8 mm
200 032 603	10 mm

Intake filter for chemicals



DN 6 mm. ST-32. Brass

DN 6 - 8 mm. ST-32. Stainless steel

DN 6 - 8 mm. ST-31 without check valve. Plastic. Brass weight

DN 6 - 8 mm. ST-31 without check valve. Plastic. Stainless steel weight

DN 6 - 8 mm. ST-31R with check valve. Plastic. Brass weight

DN 6 - 8 mm. ST-31R with check valve. Plastic. Stainless steel weight

R+M Nr.	⊘	⊖
200 032 800	20	32

R+M Nr.	⊘	⊖
200 032 600	19	39

R+M Nr.	⊘	⊖
200 031 600	20	75

R+M Nr.	⊘	⊖
200 031 615	20	75

R+M Nr.	⊘	⊖
200 031 610	20	75

R+M Nr.	⊘	⊖
200 031 611	20	75

Symbols ⊖ outlet ⊕ inlet ⊖ nozzle DN nominal diameter TYP type ⊖ height ⊘ diameter ⊖ flow ⊖ length

easyfoam365+ Everything for the professional foam cleaning

easywash365+ foam lances



LTF

Foam lance with **easywash365+** gun standard, lance with extension ST-9.1 245 mm and foam head ST-75. Max. 310 bar / 25 l/min / 150 °C

R+M Nr.	☺	TYP	☺
202 600 918	foam head ST-75 (1.9 mm)	standard	3/8" F swivel



LTF

Foam lance with **easywash365+** gun, lance with extension ST-9.1 245 mm and foam head ST-75. Max. 310 bar / 25 l/min / 150 °C

R+M Nr.	☺	TYP	☺
202 600 911	foam head ST-75 (1.05 mm)	weep version	3/8" F swivel
202 600 949	foam head ST-75 (1.20 mm)	weep version	3/8" F swivel
202 600 909	foam head ST-75 (1.35 mm)	weep version	3/8" F swivel
202 600 917	foam head ST-75 (1.90 mm)	weep version	3/8" F swivel



LTF

Foam lance with **easywash365+** gun, lance with extension ST-9.1 245 mm and foam head ST-75. Max. 310 bar / 25 l/min / 150 °C

R+M Nr.	☺	TYP	☺
202 600 929	foam head ST-75 (1.20 mm)	freeze stop version	3/8" F swivel.
202 600 930	foam head ST-75 (1.35 mm)	freeze stop version	3/8" F swivel
202 600 995	foam head ST-75 (1.70 mm)	freeze stop version	3/8" F swivel
202 600 919	foam head ST-75 (1.90 mm)	freeze stop version	3/8" F swivel

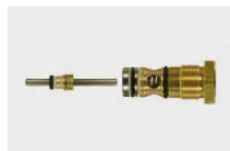
Valves complete - easywash365+



Standard



Weep

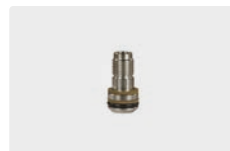


Freeze stop

ST-301 swivels



1/4" F : 3/8" F.
easywash365+ guns



Repair kit ST-301

R+M Nr.	202 300 490
---------	-------------

R+M Nr.	202 300 491
---------	-------------

R+M Nr.	202 300 457
---------	-------------

R+M Nr.	200 301 050
---------	-------------

R+M Nr.	200 300 100
---------	-------------

LTF - Low Trigger Force 90 % reduced holding force and 40 % reduced trigger force against usual market guns.

Symbols ☺ inlet ☺ outlet ☺ length TYP type

easyfoam365+ Everything for the professional foam cleaning

easywash365+ foam sets

By introducing the universally applicable **easywash365+** foam sets we succeeded in enlarging the application possibility of our foam injector family.

The stainless steel injector with high pressure foam lance which is installed via a T-piece between the outlet of the high pressure unit and the original spraying unit is especially designed for the professional cleaning of trucks of shipping or food companies as well as for applications in the industrial foam cleaning.

The connection from injector unit to the high pressure foam lance is realized by an optionally high pressure hose of up to a length of 40 m. The already existing spraying unit is used for cleaning and rinsing works. Enormous savings of both cleaning agent and time

can be achieved as the foam lance has cleaning agent immediately available without switching at the unit or change of equipment.

It is possible to simplify the handling of the construction and to boost efficiency at the same time by integrating two hose reels. This set is suitable for all common high pressure cleaning units for up to 310 bar and max. 90 °C.



easywash365+ foam set: **easywash365+** foam lance standard with foam head ST-75, injector ST-160 (M22 F and 2 x M22 M) with metering valve ST-161, suction hose 1000 mm and suction filter ST-32. Max. 310 bar / 90 °C

R+M Nr.	☞	☒
200 160 720	foam head ST-75 (1.9 mm)	3/8" F swivel



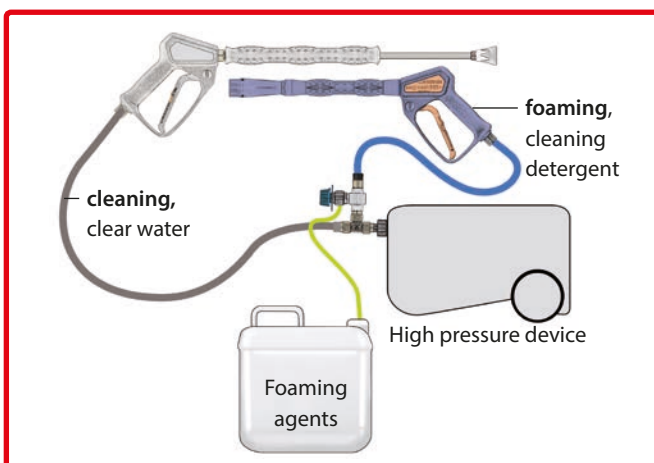
easywash365+ foam set: **easywash365+** foam lance standard with foam head ST-75, injector ST-160 (Coupling ST-45-250 nickel-plated brass, plug ST-45-250 zinc-plated steel and M22 M) with metering valve ST-161, suction hose 1000 mm and suction filter ST-32. Max. 250 bar / 90 °C

R+M Nr.	☞	☒
200 160 725	foam head ST-75 (1.9 mm)	3/8" F swivel



easywash365+ foam set: **easywash365+** spray gun, lance and brush with **turbofoam365+** air injector by Suttner (M22 F and 2 x M22 M) with metering valve ST-161, suction hose 1000 mm and suction filter ST-32. Max. 310 bar / 90 °C

R+M Nr.	☞	↔ lance and brush	☒
502 600 100 000	lance and brush with turbofoam365+ air injector (1.6 mm)	900 mm	3/8" F swivel
502 601 100 000	lance and brush with turbofoam365+ air injector (1.6 mm)	1200 mm	3/8" F swivel



easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ injectors by Suttner

Injectors ST-160



3/8" F : 3/8" M : hose tail 9 mm. Injector for applications with chemicals and foam. The chemical dosing is adjusted by 10 exchangeable nozzle inserts (0.5 - 2.0 mm).
Max. 350 bar / 90 °C

R+M Nr.	D
200 160 499	1.2 mm
200 160 500	1.3 mm
200 160 505	1.4 mm
200 160 510	1.5 mm
200 160 515	1.6 mm
200 160 520	1.7 mm
200 160 525	1.8 mm
200 160 530	1.9 mm
200 160 540	2.1 mm
200 160 550	2.3 mm
200 160 575	2.8 mm



3/8" F : 3/8" M : hose tail 9 mm.
Injector ST-160 with metering valve ST-161.
Max. 350 bar / 90 °C

R+M Nr.	D
200 160 599	1.1 mm
200 160 600	1.2 mm
200 160 601	1.3 mm
200 160 602	1.4 mm
200 160 603	1.5 mm
200 160 604	1.6 mm
200 160 605	1.7 mm
200 160 606	1.8 mm
200 160 607	1.9 mm
200 160 609	2.1 mm
200 160 611	2.3 mm
200 160 614	2.8 mm

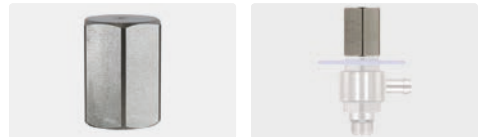
Injectors ST-166



3/8" F : 3/8" M : 2 hose tails 9 mm. Injector for applications with chemicals and foam. The injector sucks in/admixes up to two chemicals at the same time. The chemical dosing is adjusted by 2 x 10 exchangeable nozzle inserts (0.5 - 2.0 mm).
Max. 350 bar / 90 °C

R+M Nr.	D
200 166 500	1.3 mm
200 166 510	1.6 mm
200 166 530	1.9 mm

Valve lock



Valve lock for metering valve ST-161

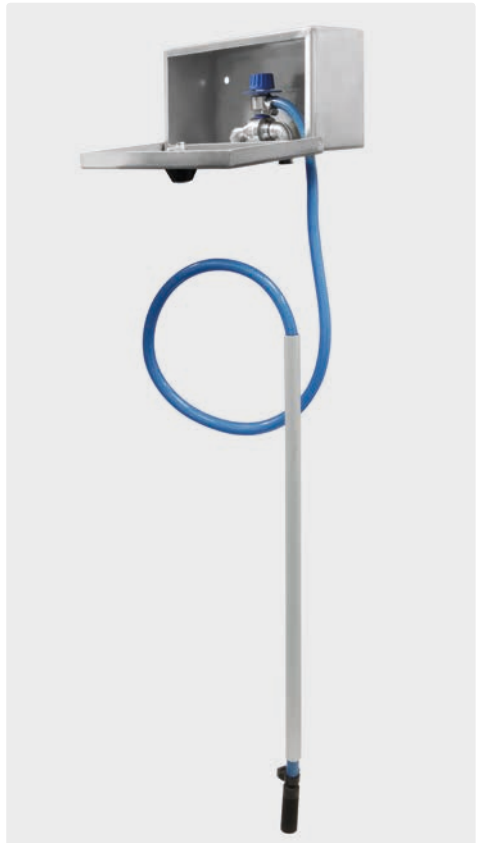
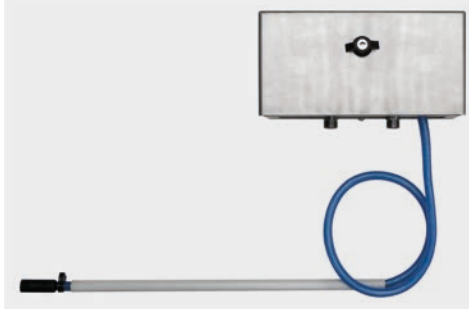
R+M Nr.
040 003 566

easyfoam365+ injector unit ST-160



M22 M : M22 M. Injector ST-160 with metering valve ST-162. including chemical suction set comprising of suction hose DN 8 blue. 1.500 mm. suction filter ST-31. and chemical-resistant plastic tube. 320 mm.
Max. 350 bar / 90 °C

R+M Nr.	D
105 160 100	1.1 mm
105 160 101	1.2 mm
105 160 102	1.3 mm
105 160 103	1.4 mm
105 160 104	1.5 mm
105 160 105	1.6 mm
105 160 106	1.7 mm
105 160 107	1.8 mm
105 160 108	1.9 mm
105 160 109	2.1 mm
105 160 110	2.3 mm
105 160 111	2.8 mm



Symbols nozzle

easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ foam injector ST-160.2

In order to produce foam with the ST-160.2 a foam lance without air intake is absolutely required. The air quantity needed for foaming is supplied by an additional connection positioned at the injector. The use of a spray gun with large cross section areas such as for example ST-2720, ST-2725, ST-3100 or ST-3300 with suitable lances and foam hoses (blufood) is recommended.

The injector is especially designed for low and medium pressure applications from a water inlet pressure of 5 bar and it generates an excellent foam when being provided with the required quantity of compressed air.

Injector chemically resistant stainless steel 1.4305 / AISI 304. Injector with metering valve ST-161, compressed air connection and wall bracket. Inlet / outlet 1/2" F. Max. 350 bar / 90 °C



easyfoam365+

R+M Nr.	D
200 160 650	1.2
200 160 651	1.3
200 160 652	1.4
200 160 653	1.5
200 160 654	1.6
200 160 655	1.7
200 160 656	1.8
200 160 657	1.9
200 160 658	2.0
200 160 659	2.1
200 160 660	2.2
200 160 661	2.3
200 160 662	2.4
200 160 663	2.5
200 160 664	2.6
200 160 665	2.7
200 160 666	2.8

easyfoam365+ injectors

Injectors ST-160 with metering valve ST-161



Coupling ST-45-250 stainless steel : plug ST-45-250 stainless steel. Injector with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 250 bar / 90 °C

R+M Nr.	D
200 160 846	1.3 mm
200 160 847	1.4 mm
200 160 848	1.5 mm
200 160 849	1.6 mm
200 160 850	1.7 mm
200 160 851	1.8 mm
200 160 854	2.1 mm
200 160 855	2.2 mm
200 160 856	2.3 mm



Coupling ST-45-250 nickel-plated brass : plug ST-45-250 zinc-plated steel. Injector with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 250 bar / 90 °C

R+M Nr.	D
200 160 861	1.3 mm
200 160 862	1.4 mm
200 160 863	1.5 mm
200 160 864	1.6 mm
200 160 865	1.7 mm
200 160 866	1.8 mm
200 160 869	2.1 mm
200 160 870	2.2 mm
200 160 871	2.3 mm



M22 F : M22 M. Injector with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 350 bar / 90 °C

R+M Nr.	D
200 160 804	1.3 mm
200 160 800	1.4 mm
200 160 801	1.5 mm
200 160 802	1.6 mm
200 160 805	1.7 mm
200 160 806	1.8 mm
200 160 809	2.1 mm
200 160 810	2.2 mm
200 160 811	2.3 mm

easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ injectors

Injectors ST-160



Coupling ST-45-250 nickel-plated brass : plug ST-45-250 stainless steel. Injector ST-160 with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 250 bar / 90 °C

R+M Nr.	D
200 160 616	1.8 mm : 2.3 mm
200 160 615	1.7 mm : 2.3 mm
200 160 617	2.2 mm : 2.8 mm

easyfoam365+ bypass injectors ST-167



Coupling ST-45-250 stainless steel : plug ST-45-250 stainless steel. Injector ST-167 with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 250 bar / 100 °C

R+M Nr.	D
200 167 855	1.8 mm : 2.3 mm



Coupling ST-45-250 nickel-plated brass : plug ST-45-250 stainless steel. Injector ST-167 with metering valve ST-161, suction hose 2,000 mm and suction filter ST-31. Max. 250 bar / 100 °C

R+M Nr.	D
200 167 850	1.8 mm : 2.3 mm
200 167 860	1.8 mm : 2.8 mm

Reference list manufacturer number to R+M number A

Manufacturer Nr.	R+M Nr.
640 124 4	200 160 616
640 124 4	200 160 615
640 124 6	200 160 617
640 124 2	200 167 850
640 124 3	200 167 855
640 124 7	200 167 860

R+M high quality spare parts are obtained from well-established manufacturers. As a rule they are not original spare parts. The original order numbers and the indication of other information are exclusively for your guidance and furthermore they are not intended for the general use (e.g. invoices addressed to end users). In case of mentioning the original order numbers in your orders it can not be assumed that the products ordered are original spare parts. Original spare parts are supplied when they are especially offered as those in our catalogue or in other mailing pieces such as special offers or newsletters.

Accessories injectors

Return valves



Hose tail : M14 M. V2A.
With o-ring

R+M Nr.
200 163 350



1/4" M : M14 M. V2A.
With o-ring

R+M Nr.
200 163 356



1/4" M : M18 M. (ST-164).
With o-ring

R+M Nr.
200 164 366



1/4" M : M14 M. V4A Extreme.
Highest chemical resistance.
With o-ring

R+M Nr.
200 163 352



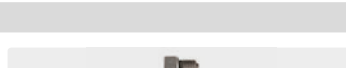
Hose tail 9 mm : M14 M.
V4A Extreme.
Highest chemical resistance.
With o-ring

R+M Nr.
200 163 351



M14 M. Compressed air connection
(ST-160.2/ST-160.3/ST-162/ST-167/
ST-168). Without o-ring

R+M Nr.
040 003 625



M18 M. Compressed air connection
(ST-164).
With o-ring

R+M Nr.
200 164 345



O-rings

R+M Nr.	
050 000 264	2.9 x 1.78
050 000 300	10.82 x 1.78



O-rings.
Highest chemical resistance

R+M Nr.	
050 001 450	2.9 x 1.78
050 000 302	10.82 x 1.78

Symbols inlet outlet nozzle colour

easyfoam365+ Everything for the professional foam cleaning

Accessories injectors

Ultra High Pressure Filter



Stainless steel with brass mesh holder and stainless steel strainer. Suitable as inlet water filter for ST-164.

Max. 400 bar / 100 °C

R+M Nr.		
200 163 100	M 22 M	3/8" M



Compressed air module ST-164



1/4" F : M18 M. Compressed-air module (ST-164) for automatic shut-off of compressed-air supply when switching over to the rinsing function

R+M Nr.
200 164 370



Two component inlet



M14 M. : M14 F : M14 F. V2A. (ST-160/ST-160.2/ST-160.3/ST-162/ST-164/ST-166/ST-167/ST-168).

With o-rings

R+M Nr.
200 164 355



Rep. Kit. 2 x 2 O-rings

R+M Nr.
200 164 365

Metering valves ST-161



Hose tail 9 mm : M14 M. Metering valve ST-161 suitable for being refitted in easyfoam365+ injectors (ST-160/ST-162/ST-164/ST-166/ST-167/ST-168)

R+M Nr.	
200 161 500	blue (FKM)



Hose tail 9 mm : M14 M. Metering valve ST-161 suitable for being refitted in easyfoam365+ injectors (ST-160/ST-162/ST-164/ST-166/ST-167/ST-168)

R+M Nr.	
200 161 515	grey (EPDM)



Hose tail 9 mm : hose tail 9 mm. Panel mount is possible

R+M Nr.	
200 161 510	blue (FKM)

Ring for suction marking



Plastic. Grey. For compressed air

R+M Nr.
020 005 108



Plastic. Red. For foaming agents

R+M Nr.
020 005 101



Plastic. Blue. For foaming agents

R+M Nr.
020 005 100



Plastic. Yellow. For disinfectant

R+M Nr.
020 005 105

easyfoam365+ Everything for the professional foam cleaning

Accessories injectors

Exchangeable nozzle inserts



Stainless steel V2A. Excl. o-rings

R+M Nr.	D	VPE
040 004 705	0.5 mm	1
040 004 706	0.6 mm	1
040 004 707	0.7 mm	1
040 004 708	0.8 mm	1
040 004 709	0.9 mm	1
040 004 710	1.0 mm	1
040 004 711	1.1 mm	1
040 004 712	1.2 mm	1
040 004 713	1.3 mm	1
040 004 714	1.4 mm	1
040 004 715	1.5 mm	1
790 041 010	o-rings	10



Stainless steel V4A. Excl. o-rings

R+M Nr.	D	VPE
040 004 803	0.3 mm	1
040 004 804	0.4 mm	1
040 004 805	0.5 mm	1
050 000 264	o-ring	1



Plastic. 10 nozzle inserts (0.5 - 2.0 mm). Incl. o-rings

R+M Nr.
200 163 340



Plastic. 9 nozzle inserts (0.5 - 1.5 mm). Incl. o-rings. Incl. 1 insert without hole

R+M Nr.
200 163 335

Diffusor nozzles



Stain. steel. Diffusor nozzle screwable

R+M Nr.	D
040 003 514	1.4
040 003 517	1.7
040 003 521	2.0
040 003 523	2.3
040 003 528	2.8
040 003 532	3.2

Metering valves



Hose tail 9 mm : 1/4" F. V4A extreme. Highest resistance to chemistry

R+M Nr.
200 163 300

Injector nozzles



Stain. steel. Injector nozzle screwable

R+M Nr.	D
040 003 641	1.1
040 003 642	1.2
040 003 643	1.3
040 003 644	1.4
040 003 645	1.5
040 003 646	1.6
040 003 647	1.7
040 003 648	1.8
040 003 649	1.9
040 003 650	2.0
040 003 651	2.1
040 003 652	2.2
040 003 653	2.3
040 003 654	2.4
040 003 655	2.5
040 003 658	2.8



Stain. steel. Injector nozzle plug-in

R+M Nr.	D
040 003 534	1.2
040 003 535	1.3
040 003 536	1.4
040 003 537	1.5
040 003 538	1.6
040 003 539	1.7
040 003 541	1.8
040 003 542	1.9
040 003 543	2.0
040 003 544	2.1
040 003 546	2.2
040 003 547	2.3
040 003 548	2.4
040 003 531	2.5
040 003 549	2.8

Pressure regulator



1/4" F. 0.5 - 16 bar. 1/8" F pressure gauge. Connection for compressed air (ST-164 & ST-168)

R+M Nr.
150 008 010

Operating cylinder



ST-167 / ST-168. Stainless steel

R+M Nr.
200 168 491

Seal kit for operating cylinder



Operating cylinder. FEPM

R+M Nr.
200 168 489

Repair Kit ST-164



Kit ST-164

R+M Nr.
200 164 490

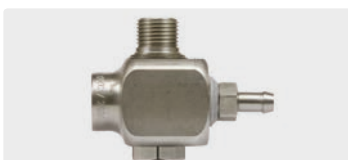
Repair Kit ST-164



Kit for stopper ST-164

R+M Nr.
200 164 485

Compressed air module ST-163



Hose tail 9 mm : 1/2" M swivel : 1/2" F. Stainless steel. For injection of compressed air. Max. 350 bar / 60 °C

R+M Nr.
200 163 450



1/4" M : 1/2" M swivel : 1/2" F. Stainless steel. For injection of compressed air. Max. 350 bar / 60 °C

R+M Nr.
200 163 451

Symbols \varnothing nozzle \leftrightarrow length \boxtimes wall thickness $\varnothing N$ nominal diameter $\varnothing VPE$ packing unit \boxtimes weight (kg)

easyfoam365+ Everything for the professional foam cleaning

Accessories injectors

Reinforced PVC hoses clear



For compressed air or chemicals.
Max. 60 °C

Per metre

R+M Nr.	DN	↔	↗
306 55	9		3

Complete rolls

R+M Nr.	DN	↔	↗
306 550 50	9	50 m	3

Reinforced PVC hoses blue



For foaming agent. Blue.
Max. 60 °C

Per metre

R+M Nr.	DN	↔	↗
080 000 310	9		3

Complete rolls

R+M Nr.	DN	↔	↗
306 560 50	9	50 m	3

Reinforced PVC hoses yellow



For disinfectant. Yellow.
Max. 60 °C

Per metre

R+M Nr.	DN	↔	↗
080 000 320	9		3

Complete rolls

R+M Nr.	DN	↔	↗
306 570 50	9	50 m	3

Trolley



- » Multifunctional trolley for foam and disinfection units
- » Stainless steel. Trolley with two grey and non-fading wheels.
- » Manoeuvrable and easy to handle such as a sack truck
- » Open space for placing the canister, thus ensuring an unhindered discharge of spilled liquids
- » Ergonomic plastic handle strip which is easily unscrewable for the food industry
- » Two laterally attached lance holder
- » Sufficient space for 2 container with chemicals comprising up to 25 kg each.
- » H x W x D 1,150 x 540 x 620 mm

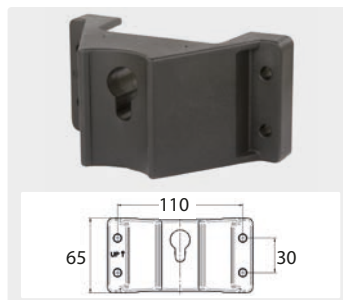
R+M Nr.	↗
710 000 163 389	14,0



- » Trolley for foam units
- » Stainless steel. Trolley with two grey and non-fading wheels as well as one grey guide roll.
- » Two laterally attached lance holder
- » Space for two container with chemicals comprising up to 30 kg each.
- » H x W x D 1,080 x 680 x 760 mm

R+M Nr.	↗
200 163 389	20.5

Wall bracket for injectors



for ST-164, ST-167, ST-168, ST-160.2, ST-160.3, ST-162 panelversion

R+M Nr.
200 168 420

Wall brackets for canisters



Stainless steel. Mounting holes 8.5 mm

R+M Nr.	H x W x D	↗
105 000 001	160 x 250 x 210	1.2
105 000 002	200 x 285 x 310	2.0

easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ bypass injectors ST-167 without compressed air module

easyfoam365+ product line has been enlarged

The injectors completely made out of stainless steel make it possible to open two cross section areas (50 mm² each) in order to guarantee a smooth use without drop in pressure when washing/rinsing. This ensures that the injector can be permanently kept in the high pressure line, also at the time when large water quantities are used e.g. in the agriculture or food industry. The cleaning capacity when cleaning and rinsing is not affected at all. A lever makes it possible to change from the cleaning and rinsing mode into injector operation. When using the cleaning mode, there are two bore holes guiding the high pressure water parallel to the injector (bypass mode). When using the injector the available water quantity is guided through the injection area.

In combination with a foam lance (ST-72, ST-74 oder ST-75), an adjustable or a triple nozzle the **easyfoam365+** injector ST-167 can suck in chemicals by means of the integrated check valve made out of stainless steel. It depends on the chosen nozzle whether the chemical can also be sprayed on or foamed. The foaming covers large areas and a long expo-

sure time is guaranteed. One further advantage of the foam cleaning is that already covered surfaces are easily seen.

The **easyfoam365+** injector which is available in the nozzle size of 1.2 - 2.8 mm meets the requirements in every field of application in the professional cleaning industry. The dosing is adjusted by one of the 10 nozzle inserts which are included in the consignment. As an alternative there are also versions with the infinitely variable dosing unit ST-161 available.

The connection for chemicals equipped with an integrated check valve and an intake for the nozzle inserts has a hose tail for chemical suction hoses being 9 mm in diameter in order to suck in especially viscous fluids. The direction of flow is marked with arrows to guarantee a smooth installation.

easyfoam365+ bypass injectors ST-167



1/2" F : 1/2" F : hose tail 9 mm. The chemical dosing is adjusted by 10 exchangeable nozzle inserts (0.5 - 2.0 mm).
Max. 350 bar / 100 °C

1/2" F : 1/2" F : hose tail 9 mm. The chemical dosing is adjusted by 10 exchangeable nozzle inserts (0.5 - 2.0 mm).
Max. 500 bar / 100 °C



1/2" F : 1/2" F : hose tail 9 mm. Injector ST-167 with metering valve ST-161.
Max. 350 bar / 100 °C



1/2" F : 1/2" F : hose tail 9 mm. Injector ST-167 with metering valve extreme.
Max. 350 bar / 100 °C

R+M Nr.	D
200 167 500	1.2 mm
200 167 501	1.3 mm
200 167 502	1.4 mm
200 167 503	1.5 mm
200 167 504	1.6 mm
200 167 505	1.7 mm
200 167 506	1.8 mm
200 167 507	1.9 mm
200 167 508	2.0 mm
200 167 509	2.1 mm
200 167 510	2.2 mm
200 167 511	2.3 mm
200 167 512	2.4 mm
200 167 513	2.5 mm
200 167 516	2.8 mm

R+M Nr.	D
200 167 500 5	1.2 mm
200 167 501 5	1.3 mm
200 167 502 5	1.4 mm
200 167 503 5	1.5 mm
200 167 504 5	1.6 mm
200 167 505 5	1.7 mm
200 167 506 5	1.8 mm
200 167 507 5	1.9 mm
200 167 508 5	2.0 mm
200 167 509 5	2.1 mm
200 167 510 5	2.2 mm
200 167 511 5	2.3 mm
200 167 512 5	2.4 mm
200 167 513 5	2.5 mm
200 167 516 5	2.8 mm

new

R+M Nr.	D
200 167 600	1.2 mm
200 167 601	1.3 mm
200 167 602	1.4 mm
200 167 603	1.5 mm
200 167 604	1.6 mm
200 167 605	1.7 mm
200 167 606	1.8 mm
200 167 607	1.9 mm
200 167 608	2.0 mm
200 167 609	2.1 mm
200 167 610	2.2 mm
200 167 611	2.3 mm
200 167 612	2.4 mm
200 167 613	2.5 mm
200 167 616	2.8 mm

R+M Nr.	D
200 167 630	1.2 mm
200 167 631	1.3 mm
200 167 632	1.4 mm
200 167 633	1.5 mm
200 167 634	1.6 mm
200 167 635	1.7 mm
200 167 636	1.8 mm
200 167 637	1.9 mm
200 167 638	2.0 mm
200 167 639	2.1 mm
200 167 640	2.2 mm
200 167 641	2.3 mm
200 167 642	2.4 mm
200 167 643	2.5 mm
200 167 644	2.8 mm

Symbols nozzle

easyfoam365+ Everything for the professional foam cleaning

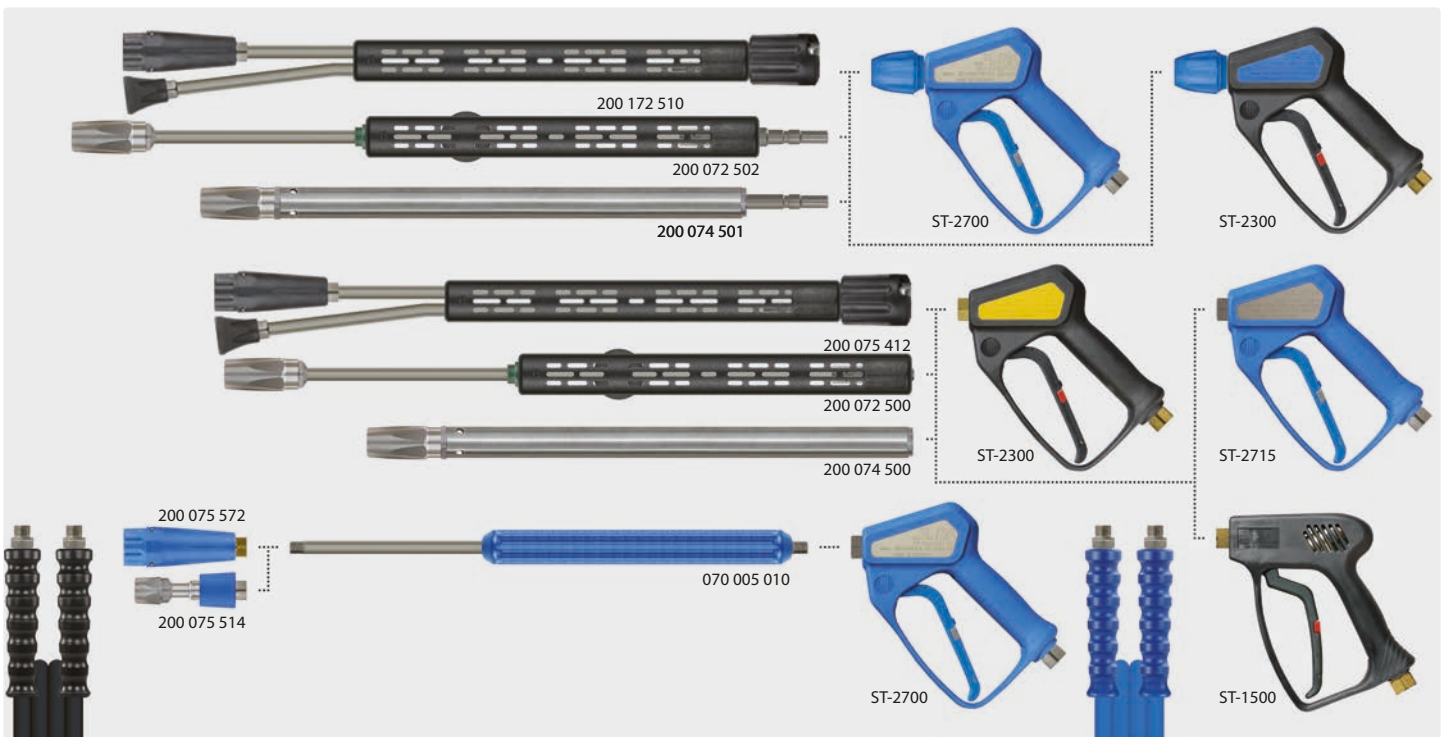
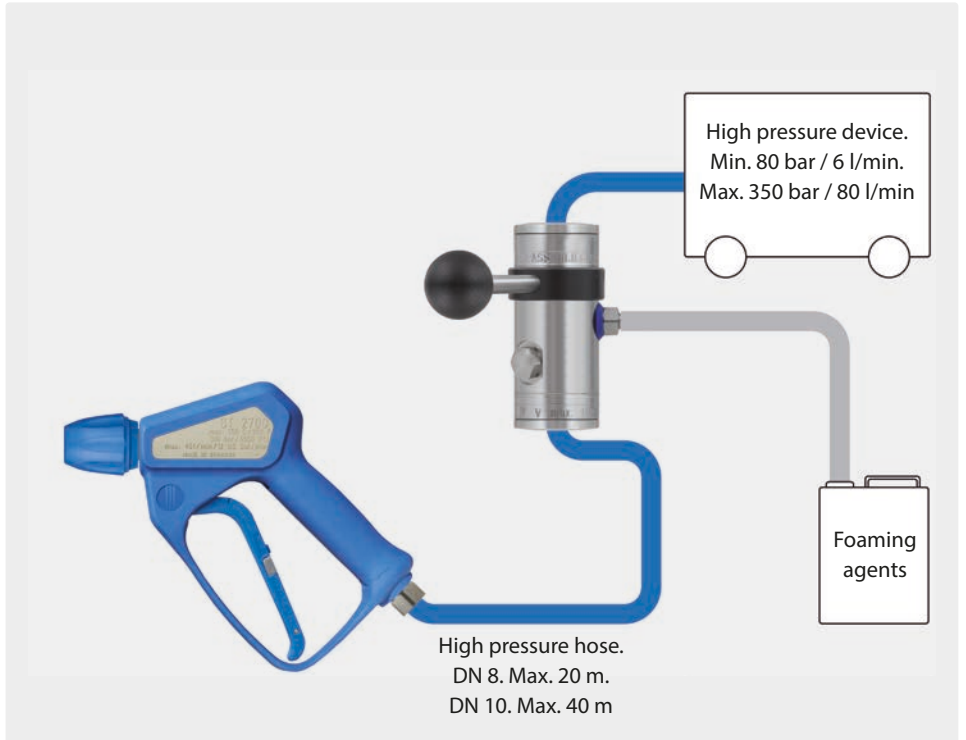
Assembly scheme easyfoam365+ bypass injectors ST-167 without compressed air module



easyfoam365+ bypass injector ST-167 with hose tail 9 mm



easyfoam365+ bypass injector ST-167 with metering valve ST-161 and hose tail 9 mm



easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ bypass injectors ST-168 with compressed air module

easyfoam365+ product line has been enlarged

The injectors completely made out of stainless steel make it possible to open two cross section areas (50 mm² each) in order to guarantee a smooth use without drop in pressure when washing/rinsing. This ensures that the injector can be permanently kept in the high pressure line, also at the time when large water quantities are used e.g. in the agriculture or food industry. The cleaning capacity when cleaning and rinsing is not affected at all. A lever makes it possible to change from the cleaning and rinsing mode into injector operation. When using the cleaning mode, there are two bore holes guiding the high pressure water parallel to the injector (bypass mode). When using the injector the available water quantity is guided through the injection area.

In order to produce foam a foam lance without air intake is absolutely required. The air quantity needed for foaming is supplied by an additional connection positioned at the injector. The use of a spray gun with large cross section areas such as for example ST-2720, ST-2725, ST-3100 or ST-3300 with suitable lances

and foam hoses (blufood) is recommended. The injector ST-168 is especially designed for low and medium pressure applications from a water inlet pressure of 5 bar and it generates an excellent foam when being provided with the required quantity of compressed air.

The **easyfoam365+** injector which is available in the nozzle size of 1.2 - 2.8 mm meets the requirements in every field of application in the professional cleaning industry. The dosing is adjusted by one of the 10 nozzle inserts which are included in the consignment. As an alternative there are also versions with the infinitely variable dosing unit ST-161 available.

The connection for chemicals equipped with an integrated check valve and an intake for the nozzle inserts has a hose connector for chemical suction hoses being 9 mm in diameter in order to suck in especially viscous fluids. The direction of flow is marked with arrows to guarantee a smooth installation.

easyfoam365+ bypass injectors ST-168



1/2" F : 1/2" F. Injector ST-168 with hose tail 9 mm and compressed air module (hose tail 9 mm). The chemical dosing is adjusted by 10 exchangeable nozzle inserts (0.5 - 2.0 mm). Max. 350 bar / 100 °C



1/2" F : 1/2" F. Injector ST-168 with metering valve ST-161 and compressed air module (hose tail 9 mm). Max. 350 bar / 100 °C

R+M Nr.	D
200 168 500	1.2 mm
200 168 505	1.3 mm
200 168 515	1.4 mm
200 168 525	1.5 mm
200 168 535	1.6 mm
200 168 545	1.7 mm
200 168 555	1.8 mm
200 168 605	1.9 mm
200 168 615	2.0 mm
200 168 625	2.1 mm
200 168 635	2.2 mm
200 168 645	2.3 mm
200 168 650	2.4 mm
200 168 655	2.5 mm
200 168 660	2.8 mm

R+M Nr.	D
200 168 600	1.2 mm
200 168 601	1.3 mm
200 168 602	1.4 mm
200 168 603	1.5 mm
200 168 604	1.6 mm
200 168 613	1.7 mm
200 168 606	1.8 mm
200 168 607	1.9 mm
200 168 608	2.0 mm
200 168 609	2.1 mm
200 168 610	2.2 mm
200 168 611	2.3 mm
200 168 612	2.4 mm
200 168 616	2.5 mm
200 168 617	2.8 mm

easyfoam365+ Injector ST-162 panel mount version of ST-167/168



☉ 3/8" F: ☉ 1/2" F.
Hose tail 9 mm.
Injector ST-162 incl. 10 exchangeable nozzle inserts (0.5 - 2.0 mm) for regulation of chemical dosing.
Improved foam characteristics due to symmetric air blow-in around the diffusor nozzle.
Max. 350 bar / 100 °C

R+M Nr.	D
200 162 500	1.2 mm
200 162 501	1.3 mm
200 162 502	1.4 mm
200 162 503	1.5 mm
200 162 504	1.6 mm
200 162 505	1.7 mm
200 162 506	1.8 mm
200 162 507	1.9 mm
200 162 508	2.0 mm
200 162 509	2.1 mm
200 162 510	2.2 mm
200 162 511	2.3 mm
200 162 512	2.4 mm
200 162 513	2.5 mm
200 162 514	2.8 mm

easyfoam365+ Everything for the professional foam cleaning

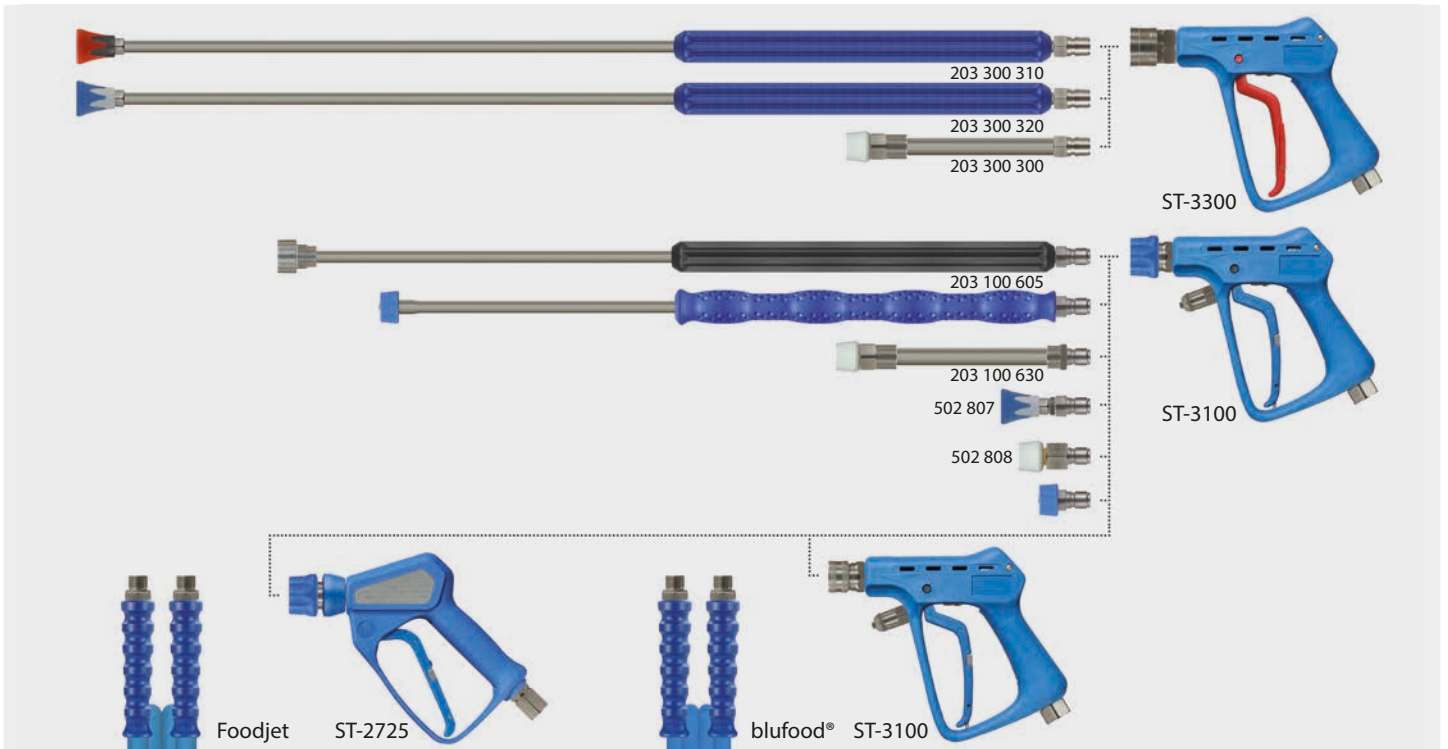
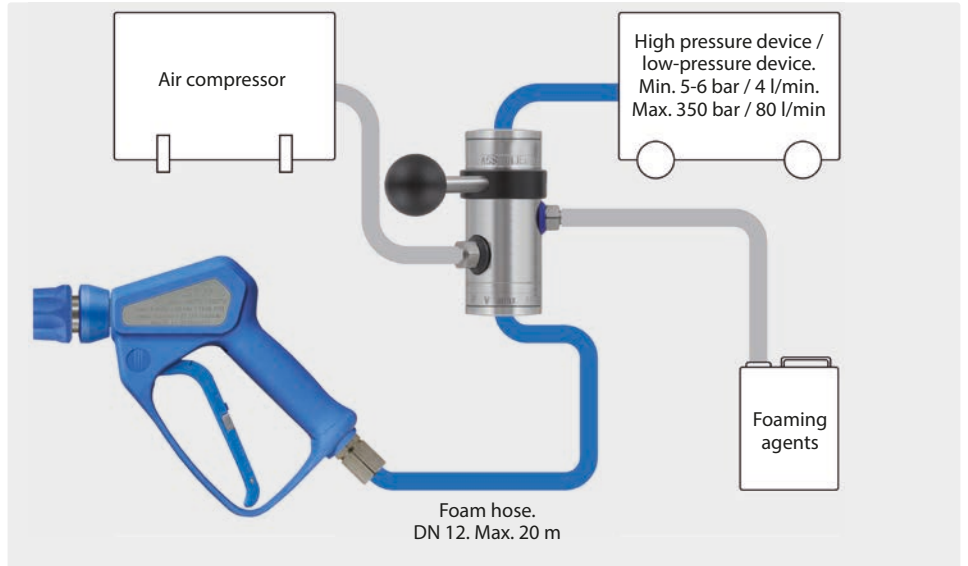
Assembly scheme easyfoam365+ bypass injectors ST-168 with compressed air module



Bypass injector ST-168 with hose tail 9 mm and compressed air module (hose tail 9 mm).



Bypass injector ST-168 with metering valve ST-161 & compressed air module (hose tail 9 mm).

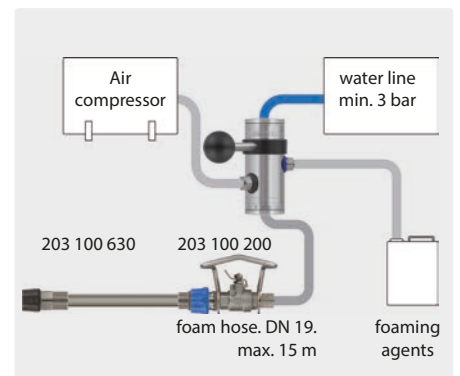


Have you already known? ...that our bypass injector ST-168 can also be operated with water line pressure.

The compressed air-driven **easyfoam365+** bypass injectors of the series ST-168 are designed for foam applications with medium pressure units (10 to 50 bar) in the field of the food industry. The **easyfoam365+** bypass injector ST-168 is a real alternative especially for smaller companies such as farmers or fish breeding companies which are selling the goods ex farmyard. These smaller companies have to stick to the existing hygiene standards such as larger firms, but they are reasonably shy at the great investment volume for a medium pressure unit.

By means of only water line pressure - 3 bar flow pressure - and the appropriate accessories for the spraying unit - hose with big nominal width, ball valve 203 100 200 and suitable foam lance 203 100 630 an excellent foam quality is reached.

When switching the lever from the injector operation into cleaning and rinsing mode the addition of cleaning agent and disinfectant is stopped and the fully available water quantity passes the bypass injector nearly without any drop in pressure.



Symbols nozzle

easyfoam365+ Everything for the professional foam cleaning

easyfoam365+ foam and disinfectant units ST-164

Field of application: Designed for the cleaning of vehicles carrying cattle, food, frozen foods and fish in order to avoid bacterial spread. Also suitable for cleaning milking parlours and applicable in cattle breeding, piggy, poultry farming and in the pisciculture.

The foam device is a combination made out of stainless steel and special high performance plastics. The addition of one out of two connected chemicals is determined by positioning the lever.

All versions are suitable for the addition in low pressure from approx. 3 bar up to max. 350 bar.

When being operated in rinsing function up to 60 l/min pass through the unit without any drop in pressure.

In combination with a foam lance (ST-72, ST-74 or ST-75), an adjustable or a triple nozzle the ST-164 injector can suck in chemicals by means of the integrated check valve made out of stainless steel and spray them on or

foam them depending on the chosen nozzle.

The injector has an optional compressed air connection in order to supply the required air quantity for foaming already in the injector unit.

For the application of foam a foam lance without air intake is absolutely required. The use of a spray gun with large cross section areas such as for example ST-2720, ST-2725, ST-3100 or ST-3300 with suitable lances and foam hoses (blufood) is recommended.

The injector is especially designed for low and medium pressure applications from a water inlet pressure of 3 bar and it generates an excellent foam when being provided with the required quantity of compressed air.

The ST-164 injector is available in the nozzle size of 1.2 - 2.8 mm.

The dosing is adjusted by one of the 8 nozzle inserts which are included in the consignment. The connection for chemicals is equipped with an integrated check valve.

Injectors without compressed air module



3/8" F : 1/2" F : 2 x hose tail 9 mm. The chemical dosing is adjusted by 2 x 8 exchangeable nozzle inserts (0.5 - 1.5 mm). Max. 350 bar / 100 °C

Injectors with compressed air module



3/8" F : 1/2" F : 2 x Hose tail 9 mm : compressed air module (1/4" M). The chemical dosing is adjusted by 2 x 8 exchangeable nozzle inserts (0.5 - 2 mm). Max. 350 bar / 100 °C

Injectors with compressed air module



3/8" F : 1/2" F : 2 x Hose tail 9 mm : compressed air module (1/4" M). The chemical dosing is adjusted by the metering valve ST-161. Max. 350 bar / 100 °C

R+M Nr.	D
200 164 500	1.3 mm
200 164 502	1.4 mm
200 164 503	1.5 mm
200 164 504	1.6 mm
200 164 505	1.7 mm
200 164 506	1.8 mm
200 164 507	1.9 mm
200 164 508	2.0 mm
200 164 509	2.1 mm
200 164 510	2.2 mm
200 164 511	2.3 mm
200 164 512	2.4 mm
200 164 513	2.5 mm
200 164 514	2.8 mm

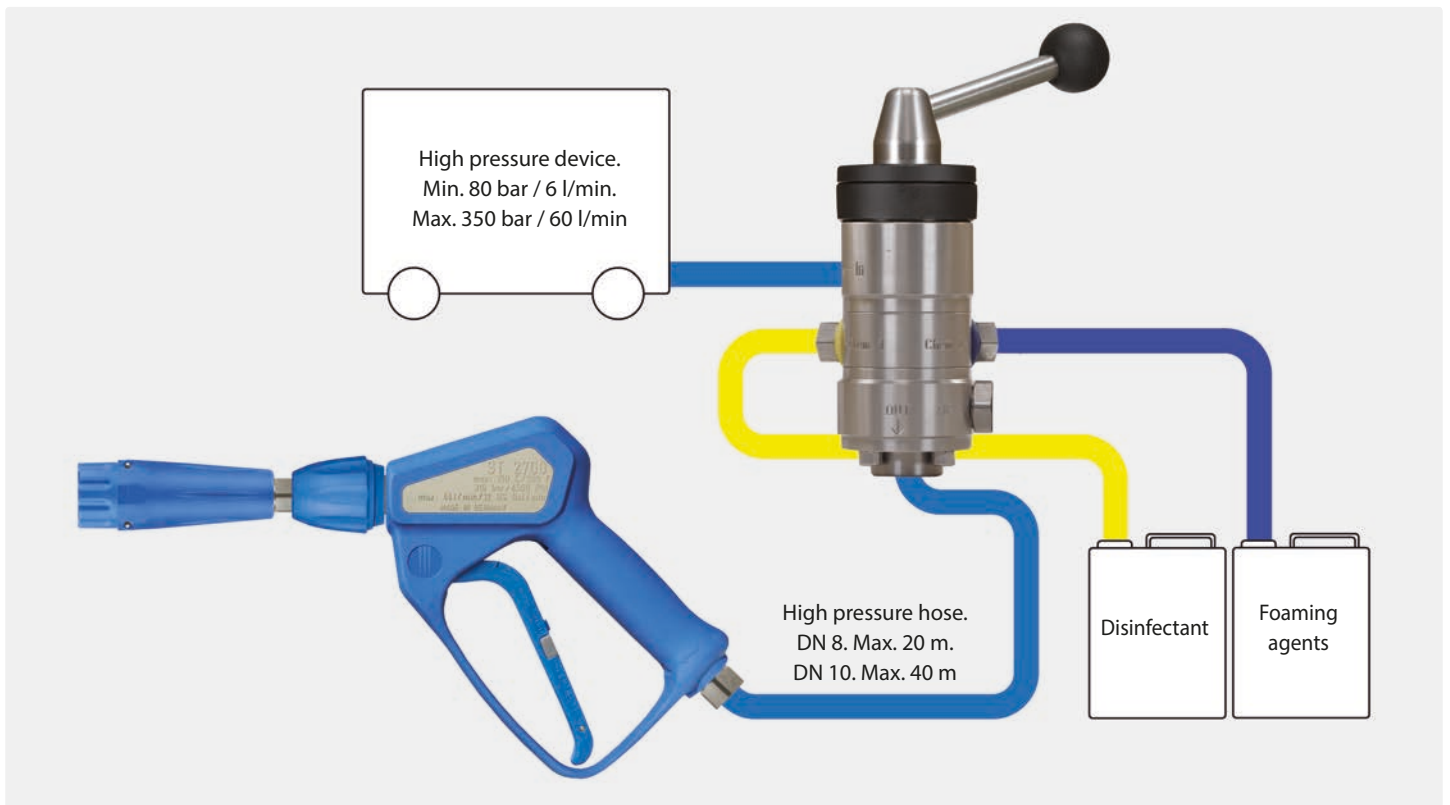
R+M Nr.	D
200 164 580	1.3 mm
200 164 582	1.4 mm
200 164 583	1.5 mm
200 164 584	1.6 mm
200 164 585	1.7 mm
200 164 586	1.8 mm
200 164 587	1.9 mm
200 164 588	2.0 mm
200 164 589	2.1 mm
200 164 590	2.2 mm
200 164 591	2.3 mm
200 164 592	2.4 mm
200 164 593	2.5 mm
200 164 594	2.8 mm

R+M Nr.	D
200 164 600	1.3 mm
200 164 602	1.4 mm
200 164 603	1.5 mm
200 164 604	1.6 mm
200 164 605	1.7 mm
200 164 606	1.8 mm
200 164 607	1.9 mm
200 164 608	2.0 mm
200 164 609	2.1 mm
200 164 610	2.2 mm
200 164 611	2.3 mm
200 164 612	2.4 mm
200 164 613	2.5 mm
200 164 614	2.8 mm

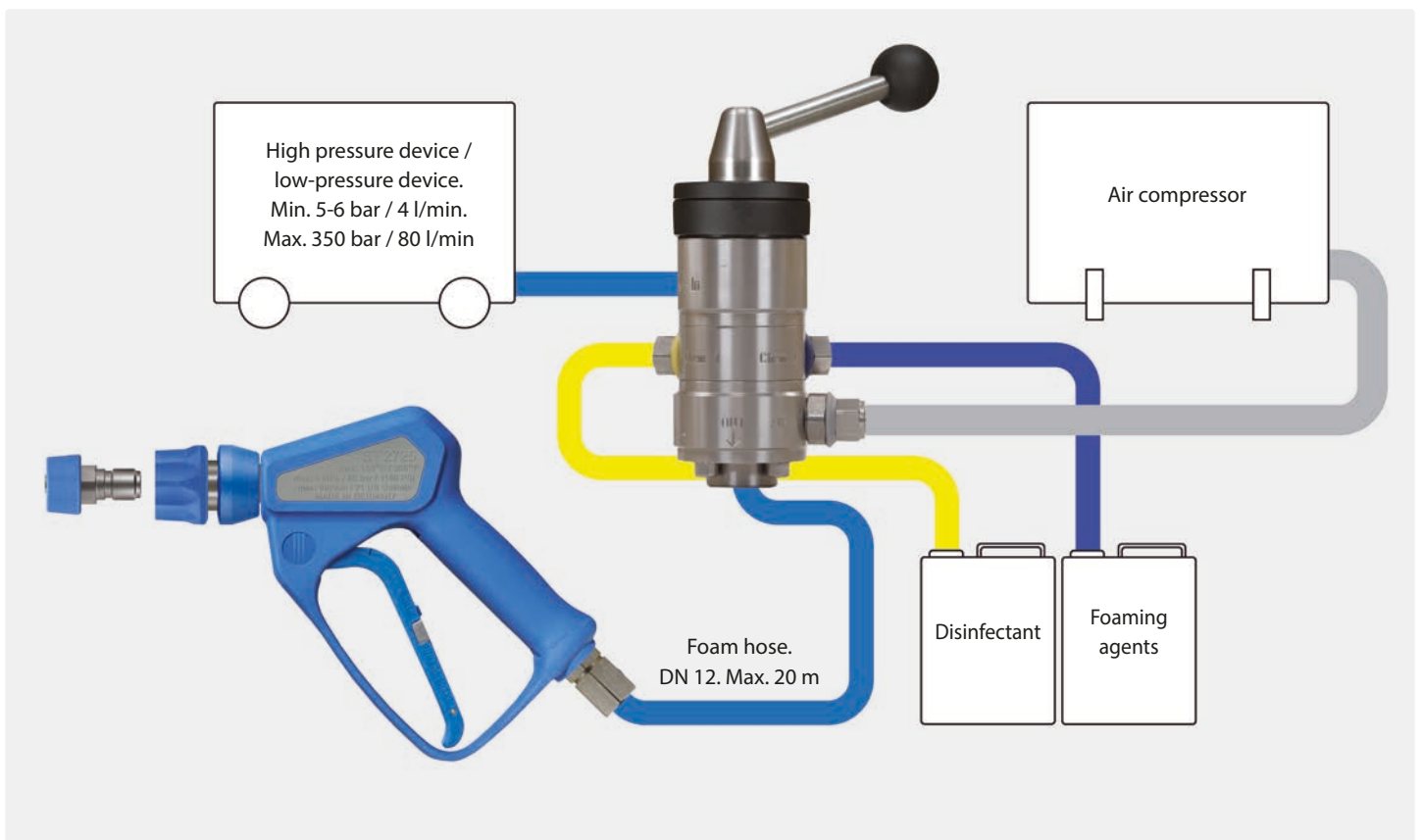
Symbols nozzle

easyfoam365+ Everything for the professional foam cleaning

Assembly scheme easyfoam365+ injectors ST-164 without compressed air module



Assembly scheme easyfoam365+ injectors ST-164 with compressed air module



easyfoam365+ Everything for the professional foam cleaning

easyfoamer ST-73.1 foam injector lances

Our easyfoamer ST-73.1 realizes an ideal mixing of air and cleaning agent, thus succeeding an ideal foam result.

Rely on:

- » a completely stainless steel and non-corrosive injector unit
- » the highest grade of chemical resistance
- » 5 defined dosing positions
- » 1 l and 2 l bottles
- » vertical or horizontal spray pattern
- » patent pending
- » max. 300 bar / 80 °C



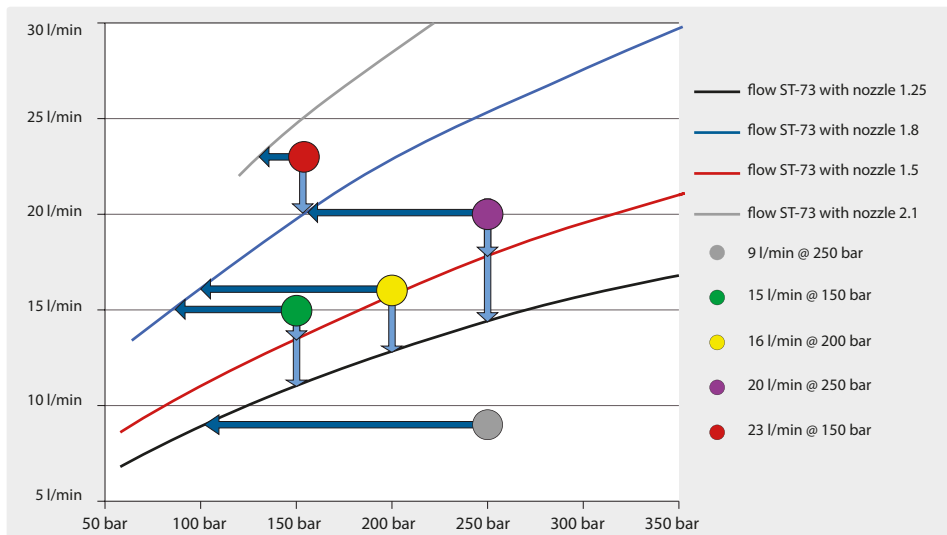
1/4" F. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 750	1.25	1 l
200 073 900	1.50	1 l



1/4" F. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 755	1.25	2 l
200 073 910	1.80	2 l
200 073 950	2.10	2 l



M22 M. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 512	1.25	1 l
200 073 514	1.25	2 l
200 073 614	1.80	2 l



Bayonet K. Brass. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 524	1.25	1 l
200 073 526	1.25	2 l
200 073 626	1.80	2 l



Plug KW. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 528	1.25	1 l
200 073 530	1.25	2 l
200 073 640	1.50	2 l
200 073 630	1.80	2 l
200 073 631	2.10	2 l



Plug KR. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 751	1,25	1

Symbols nozzle volume

easyfoam365+ Everything for the professional foam cleaning

easyfoamer ST-73.1 foam injector lances



Bayonet K. Plastic. Foam injector lance with regulator and bottle.
Max. 180 bar / 80 °C

R+M Nr.	D	l
200 073 536	1.25	1 l
200 073 538	1.25	2 l
200 073 638	1.80	2 l



M22 F. Foam injector lance with regulator and bottle.
Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 516	1.25	1 l
200 073 518	1.25	2 l
200 073 618	1.80	2 l



M22 F swivel. Foam injector lance with regulator and bottle.
Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 520	1.25	1 l
200 073 522	1.25	2 l
200 073 622	1.80	2 l

easyfoamer ST-73.2 foam injector lances

Our latest innovation realizes an ideal mixing of air and cleaning agent, thus succeeding an ideal foam result - the new addition to the easyfoam365+ family!

Rely on:

- » ideal for high flow applications
- » without foam pad
- » a completely stainless steel and non-corrosive injector unit
- » the highest grade of chemical resistance
- » 5 defined dosing positions
- » 2 l bottle
- » vertical or horizontal spray pattern
- » patent pending
- » max. 300 bar / 80 °C

Don't lose any more time and feel invited to test it now!



1/4" F. Foam injector lance with regulator and bottle. Without foam pad. Max. 300 bar / 80 °C

R+M Nr.	D	l
200 073 906	1.50	2 l
200 073 916	1.80	2 l
200 073 956	2.10	2 l

Accessories easyfoamer ST-73.1 & ST-73.2



Bottle 1 liter

R+M Nr.
020 073 513



Bottle 2 liter

R+M Nr.
020 073 520



Nozzles

R+M Nr.	D
040 073 512	1.5 *
040 073 513	2.1 **



Foam pad (ST-73.1)

R+M Nr.
540 500 09



Cover blue for 1 and 2 liter

R+M Nr.
020 073 522



Wall bracket. Stainless steel. 68 mm x 95 mm. Incl. mounting parts

R+M Nr.
200 073 425



Bottle adapter

R+M Nr.
020 073 530

* Replacement only for ST-73.1 & ST-73.2 with nozzles 1.25. ** Replacement only for ST-73.1 & ST-73.2 with nozzles 1.80

easyfoam365+ Everything for the professional foam cleaning

Foam injector lances

ST-70



Lance without regulator, with bottle. Max. 180 bar / 60 °C / 10 l/min

R+M Nr.	D	Ⓒ	📦
200 070 640	1.10	1/4" F	1 l
200 070 641	1.10	1/4" F	2 l
200 070 642	1.10	M22 F	1 l
200 070 643	1.10	M22 F	2 l
200 070 644	1.10	M22 M	1 l
200 070 645	1.10	M22 M	2 l
200 070 650	1.10	plug KW	1 l
200 070 651	1.10	plug KW	2 l
200 070 646	1.10	bayonet K PVC	1 l
200 070 647	1.10	bayonet K PVC	2 l
200 070 648	1.10	bayonet K brass	1 l
200 070 649	1.10	bayonet K brass	2 l

Bottles for ST-70 / ST-73

R+M Nr.	📦
020 073 513	1 l
020 073 520	2 l

LS10



Lance with regulator. Max. 200 bar / 65 °C / 25 l/min

R+M Nr.	D	Ⓒ
540 30	1.5	3/8" M
540 300 8	1.5	1/4" F
540 300 1	1.5	M22 F
540 300	1.5	M22 M
540 300 3	1.5	plug ST-3100

LS3



Foam pad

R+M Nr.
540 500 09

Lance with regulator and bottle. Max. 180 bar / 60 °C / 12 l/min

R+M Nr.	D	Ⓒ	📦
540 500	1.25	1/4" F	1 l
540 505	1.25	M22 F	1 l
540 502	1.25	M22 M	1 l
540 506	1.25	plug KW	1 l
540 503	1.25	bayonet K brass	1 l
540 504	1.25	bayonet K PVC	1 l

Bottles for LS3

R+M Nr.	Ⓒ	📦
540 500 25	LS3	1 l

LS10



Lance with regulator and bottle. Max. 200 bar / 65 °C / 25 l/min

R+M Nr.	D	Ⓒ	📦
540 35	1.5	3/8" M	1 l
540 352	1.5	3/8" M	2 l
540 40	1.5	M22 M	1 l
540 402	1.5	M22 M	2 l
540 355	1.5	plug KW	1 l
540 355 2	1.5	plug KW	2 l

Bottles for LS10

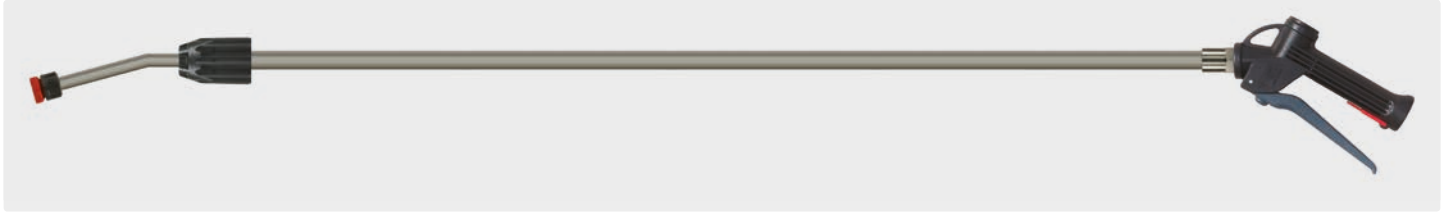
R+M Nr.	Ⓒ	📦
540 351	LS10	1 l
540 352 1	LS10	2 l

Symbols Ⓒ inlet Ⓓ outlet D nozzle 📦 volume

easyfoam365+ Everything for the professional foam cleaning

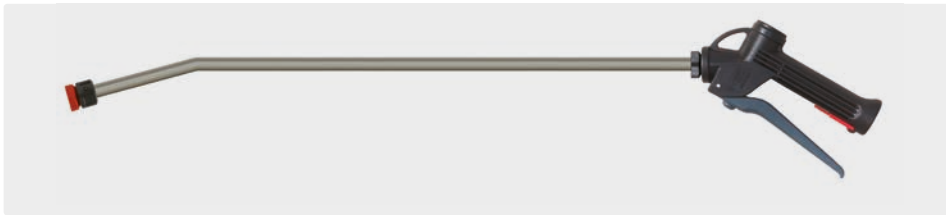
Chemical spray guns ST-510 & lances

Chemical spray guns ST-510 with lances



1000 - 2000 mm. Spray gun with telescopic lance made out of stainless steel and nozzle nut without nozzle. Spray gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 30 l/min / 50 °C

R+M Nr.		
200 510 600	1/2" F	1/2" F



600 mm. Spray gun with lance made out of stainless steel and nozzle nut without nozzle. Spray gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 30 l/min / 50 °C

R+M Nr.		
200 510 550	1/2" F	1/2" F



210 mm. Spray gun with lance made out of plastic and nozzle nut without nozzle. Spray gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 30 l/min / 50 °C

R+M Nr.		
200 510 710	1/2" F	1/2" F



300 mm. Spray gun with lance made out of stainless steel and nozzle nut without nozzle. Spray gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 30 l/min / 50 °C

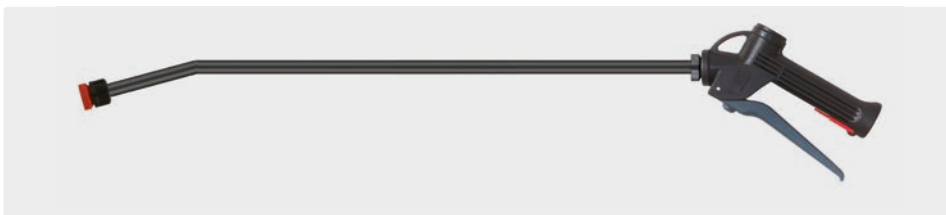
R+M Nr.		
200 510 560	1/2" F	1/2" F

Chemical spray gun ST-510



Gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 70 l/min / 50 °C

R+M Nr.		
200 510 500	1/2" F	1/2" F



600 mm. Spray gun with lance made out of plastic and and nozzle nut without nozzle. Spray gun with stainless steel V4A / AISI 316 ball being resistant to chemicals. Max. 25 bar / 30 l/min / 50 °C

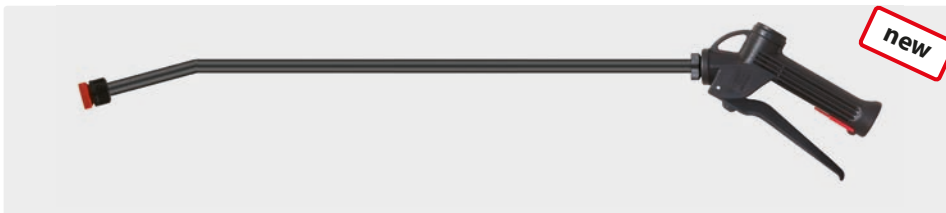
R+M Nr.		
200 510 700	1/2" F	1/2" F

Filter



Plastic. Max. 50 °C

R+M Nr.
500 04



600 mm. Spray gun with lance made out of plastic and and nozzle nut without nozzle. Spray gun with acid-resistant ball. Max. 25 bar / 30 l/min / 50 °C

R+M Nr.		
200 510 705	1/2" F	1/2" F

easyfoam365+ Everything for the professional foam cleaning

Foam gun



Applications

Designed for applications with acidic and caustic cleaner, soaps, disinfectants, degreasing and softening agents. The field of application is very versatile.

- » Food industry and canteen kitchen
- » Sanitary facilities and swimming baths
- » Cleaning of trucks, cars and other vehicles
- » Garages and petrol stations
- » Shops and workshops

The foam gun directly connected to the public water pipe produces a cleaning foam by means of foam injector. The water pressure sucks in the cleaning agent and air, both are being mixed to consistent foam, sprayed out via the spraying head and the foam wand. The cleaning agent can also purposely and automatically be diluted via a built-in proportioner so that the right mixture of chemical and water as foam can be chosen for the cleaning application.

Technical specifications

Water pressure 2.5 - 6 bar (for maximum accuracy 3 - 4 bar)
Output 5.5 l/min

Mixing Ratio

Multi-ratio dial has 5 mixing settings and off



A	B	C	D	E	0
1:128	1:64	1:32	1:20	1:10	off

R+M Nr.	⊕	⊞
106 996 500	incl. coupler plugs "universal"	1 l

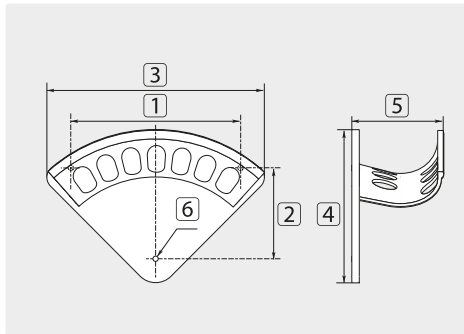
Features

- » Exceptional chemical resistance to acidic and caustic cleaner
- » Foam generating wand creates a thick clinging foam
- » Automatic dosing of chemicals
- » Durable polymer mixing head with stainless steel screws
- » Multi-ratio dial has 5 mixing settings and off
- » Anti-siphon built into handle
- » Gun is removable from quick coupling for clear rinsing with water
- » Easy filling by means of wide mouth
- » Only works with water pipe pressure
- » Suitable for all customary water couplings

Please use the backflow preventer (R+M Nr. 734 10 or 734 20).

Wall brackets

Hose holders



Holding capacity 1/2" = 40 m - 3/4" = 30 m.

Hole spacing 125 mm.

W x H x D = 360 x 200 x 170 mm

R+M Nr.	TYP	holding capacity	1	2	3	4	5	6
110 01	S	1/4" = 30 m - 3/8" = 20 m	155	77	188	145	70	∅ 5.5
110 02	M	3/8" = 30 m - 1/2" = 20 m	255	107	266	200	108	∅ 6.0
110 03	L	1/2" = 30 m - 3/4" = 20 m	272	145	348	255	143	∅ 8.0
110 031	XL	3/4" = 30 m - 1" = 20 m	366	162	417	307	187	∅ 10.0

R+M Nr.	M
110 06	polished stainless steel

Symbols TYP type ⊕ inlet ⊖ outlet ∅ diameter M material ⊕ thread ⊞ length ⊞ volume ⊞ weight DN nominal diameter P pressure

easyfoam365+ Everything for the professional foam cleaning

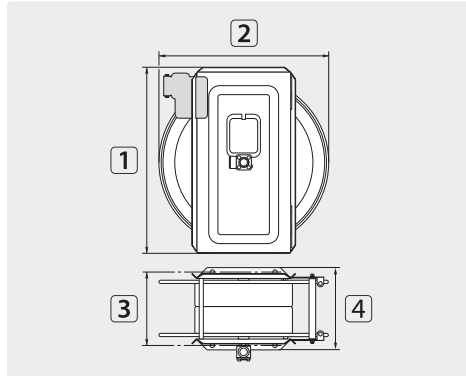
Automatic hose reels

The ST and SoST series are robust and reliable hose reel models with automatic spring return with the following characteristics:

- » Maintenance-free slide bearings made out of plastics being resistant to chemicals, wetness and dirt.
- » There are 8 positions per rotation to stop the hose. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.

- » Suitable for the mediums water or water with cleaning detergent, air, oils and greases.
- » Further models are available on request: electrostatically buffed suitable for the food industry or the ATEX version designed for applications in explosion-proof areas.

ST 20 / ST 40



TYP	outer \varnothing = hose
05	20.0 mm = 17 m
07	20.0 mm = 37 m
09	25.0 mm = 36 m

Stainless steel V2A / AISI 304. Application in wet areas

R+M Nr.	★	G	⊖	DN	P	°C	g	1	2	3	4	TYP
740 201 2	●	1/2" IG	1/2" IG	12	300 bar	100 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	05
740 401 2	■	1/2" IG	1/2" IG	12	300 bar	100 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	07
740 401 9	▲	3/4" IG	3/4" IG	19	200 bar	100 °C	26.5 kg	500 mm	460 mm	376 mm	406 mm	09

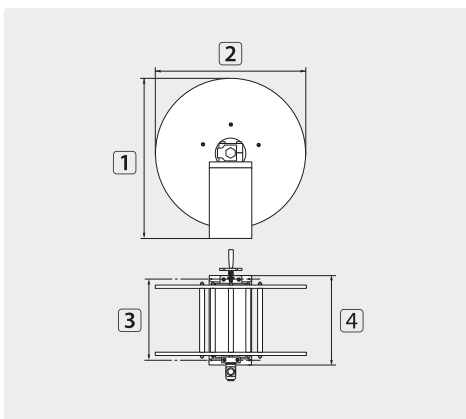
High pressure hose reels

ST-71

- » The base frame is made out of stainless steel V2A / AISI 304 and stands for highest stability.
- » Equipped with an especially wide orifice of 12 mm.
- » Suitable media: water or water with cleaning chemicals, air, oils and grease.
- » The drum hub consists of 5 sturdy stainless steel rods and runs in specially maintenance-free bearing sleeves.
- » The drum rotates by means of an adjustable handwheel being

equipped with a free-wheel polyamide grip.

- » A mechanical brake makes it possible to lock in 6 positions.
- » This high pressure hose reel is equipped with the swivel ST-322.
- » The Suttner swivels ST-322 are completely made out of stainless steel and have a slide-ring sealing element.
- » **Not suitable for being mounted at walls and ceiling.**



TYP	outer \varnothing = hose
01	22.0 mm = 40 m

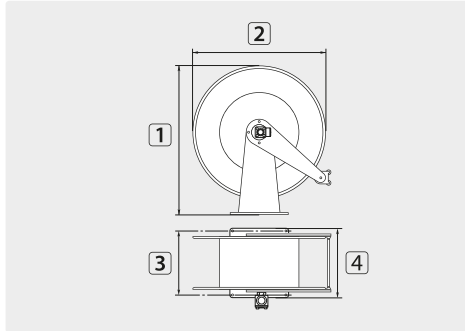
Stainless steel V2A / AISI 304

R+M Nr.	G	⊖	DN	P	°C	g	1	2	3	4	TYP
200 071 705	1/2" F	1/2" F	12	300 bar	90 °C	13 kg	460 mm	440 mm	240 mm	290 mm	01

easyfoam365+ Everything for the professional foam cleaning

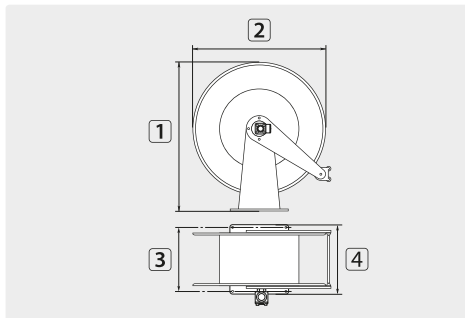
Inox automatic hose reels

- » Base frame stain. steel V2A / AISI 304. Reel made out of especially impact-resistant ABS plastic which is usually used for the manufacture of motorcycle helmets and in the automotive industry.
- » Due to the high quality construction of the automatic spring-driven high pressure hose reels they are suitable for applications in service stations, garages, in the agriculture and in the building industry etc.
- » The automatic hose reels are easy to install in every place such as wall, ceiling, vehicle etc. An optionally available wall bracket enables an easy mounting of the hose reel.
- » All models offer a traction release. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.
- » Due to the processed materials the hose reels are unhesitatingly suitable for the mediums water, water with cleaning detergent, oils, greases and air.
- » They are suitable for a working pressure of max. 300 bar and a temperature of max. 90 °C.



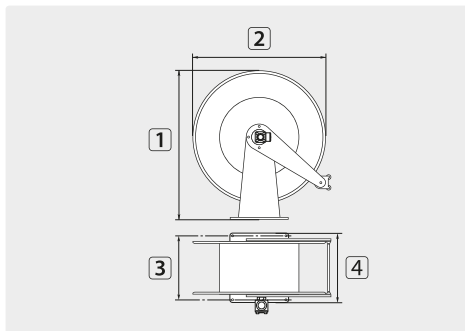
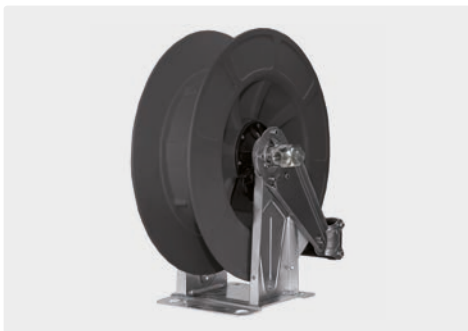
TYP	outer \varnothing = hose \leftarrow
05	17.0 mm = 21 m
05	19.5 mm = 16 m
05	22.0 mm = 14 m

R+M Nr.	C	★	Ⓒ	⊕	DN	P	°C	⌀	1	2	3	4	TYP
764 434 30	yellow	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 32	yellow	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 34	yellow	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05



TYP	outer \varnothing = hose \leftarrow
05	17.0 mm = 21 m
05	19.5 mm = 16 m
05	22.0 mm = 14 m

R+M Nr.	C	★	Ⓒ	⊕	DN	P	°C	⌀	1	2	3	4	TYP
764 434 31	grey	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 33	grey	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 35	grey	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05



TYP	outer \varnothing = hose \leftarrow
05	17.0 mm = 21 m
05	19.5 mm = 16 m
05	22.0 mm = 14 m

R+M Nr.	C	★	Ⓒ	⊕	DN	P	°C	⌀	1	2	3	4	TYP
764 434 36	black	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 37	black	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 38	black	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05

easyfoam365+ Everything for the professional foam cleaning

Automatic hose reels

Due to the high quality construction of the automatic spring-driven high pressure hose reels they are suitable for applications in service stations, garages, in the agriculture and in the building industry etc.

- » The automatic hose reels are easy to install in every place such as wall, ceiling, vehicle etc. An optionally available wall bracket enables an easy mounting of the hose reel.
- » All models offer a traction release. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.
- » Due to the processed materials the hose reels are unhesitatingly suitable for the mediums water, water with cleaning detergent,

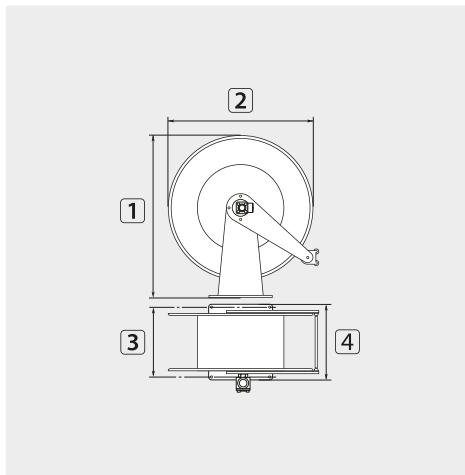
oils, greases and air.

- » Fixed as well as swivelling brackets are available for all models. Both brackets and hose reels are made out of stainless steel V2A / AISI 304.
- » According to directive 94/9/EG (Atex 95/100) the hose reels are suitable for applications in mining and explosion-proof areas.
- » They can be used in explosive zones 1 + 2 (gas) and 21 + 22 (dust). The temperature has to be defined accordingly.



II 2/GD c (T4) 135 °C X

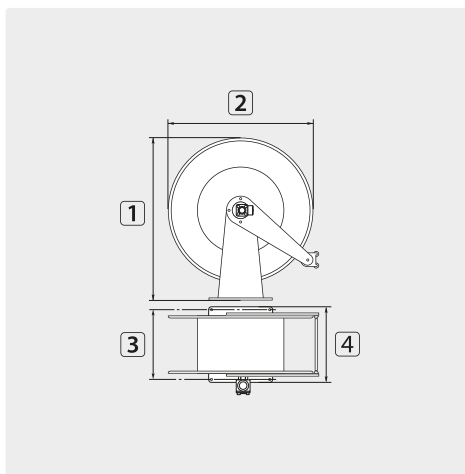
R+M 434



TYP	outer Ø = hose ↔
01	17.0 mm = 21 m
01	19.5 mm = 16 m
01	22.0 mm = 14 m

R+M Nr.	★	C	⊖	DN	P	°C	⊞	1	2	3	4	TYP
763 434 30	●	1/2" F	1/2" F	12	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01
763 434 31	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01
763 434 32	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01

R+M 534



TYP	outer Ø = hose ↔
02	18.5 mm = 28 m
02	20.0 mm = 26 m
02	22.0 mm = 24 m

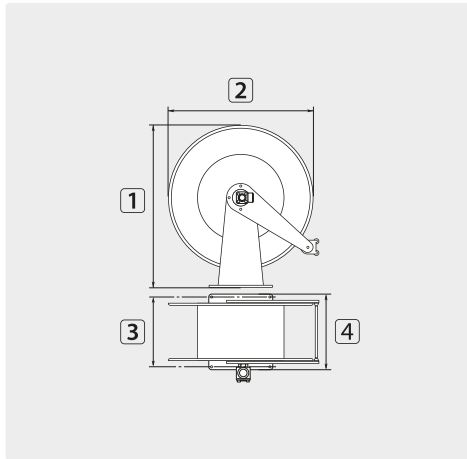
R+M Nr.	★	C	⊖	DN	P	°C	⊞	1	2	3	4	TYP
763 534 30	▲	1/2" F	1/2" F	12	300 bar	90 °C	19.0 kg	560 mm	510 mm	153 mm	203 mm	02
763 534 31	▲	M22 M	plug coupling 11 mm	10	300 bar	90 °C	19.0 kg	560 mm	510 mm	153 mm	203 mm	02

Symbols ★ marking C colour ⊖ inlet ⊕ outlet DN nominal diameter P pressure ↔ length ⊞ weight TYP type Ø diameter

easyfoam365+ Everything for the professional foam cleaning

Automatic hose reels

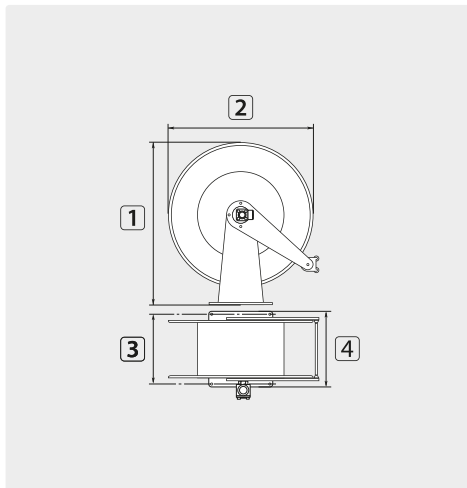
R+M 544



TYP	outer \varnothing = hose \leftrightarrow
03	22.0 mm = 30 m
03	28.0 mm = 22 m
03	34.0 mm = 17 m

R+M Nr.	★	⊕	⊖	DN	P	°C	⊘	1	2	3	4	TYP
763 544 30	■	1/2" F	1/2" F	12	300 bar	90 °C	24.0 kg	573 mm	510 mm	218 mm	300 mm	03
763 544 20	■	1" F	1" F	19	100 bar	90 °C	24.0 kg	573 mm	510 mm	218 mm	300 mm	03

R+M 564



TYP	outer \varnothing = hose \leftrightarrow
04	22.0 mm = 60 m
04	30.0 mm = 40 m
04	35.0 mm = 30 m

R+M Nr.	★	⊕	⊖	DN	P	°C	⊘	1	2	3	4	TYP
763 564 30	▼	1/2" F	1/2" F	10	300 bar	90 °C	30.0 kg	578 mm	510 mm	399 mm	488 mm	04

Accessories for hose reels

Wall swivel brackets



Stainless steel V2A / AISI 304. 80° swivel

R+M Nr.	★
763 430 06	●
763 530 06	▲
763 540 06	■

Wall brackets



Stainless steel. Optionally as fit-up aid

R+M Nr.	★
763 430 02	●
763 530 02	▲
763 540 02	■
763 560 02	▼

Swivels ST-322



⊖ M28 M. DN 12. Max. 300 bar / 90 °C

R+M Nr.	1	⊕
200 322 523	79.5 mm	1/2" F
200 322 525	79.5 mm	3/8" F



Repair kit swivel ST-322

R+M Nr.
200 322 490

easyfoam365+ Everything for the professional foam cleaning

Accessories for hose reels

Wall swivel brackets ST 14 / ST 20



180° swivel

R+M Nr.	★		M
741 00	●	zinc-plated steel	
741 01	●	stain. steel V2A / AISI 304	

Wall swivel brackets ST 40



180° swivel

R+M Nr.	★		M
741 001	■	zinc-plated steel	
741 011	■	stain. steel V2A / AISI 304	

Wall swivel brackets ST 40



180° swivel

R+M Nr.	★		M
741 003	▲	zinc-plated steel	
741 012	▲	stain. steel V2A / AISI 304	

Counterplates ST 40



R+M Nr.	★		M
741 002	▲	stain. steel V2A / AISI 304	

Swivels ST-322



3/8" F : 3/8" M. DN 10.
Max. 400 bar / 90 °C

R+M Nr.		i
200 322 500	65 mm	



1/2" F : 3/8" M. DN 10.
Max. 300 bar / 90 °C

R+M Nr.		i
200 322 510	65 mm	



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

R+M Nr.		i
200 322 520	67 mm	



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

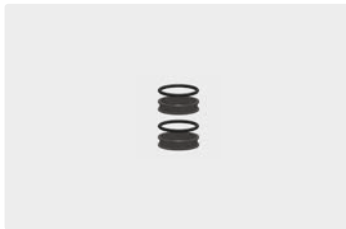
R+M Nr.		i
200 322 522	68 mm	

ST / SoST



Swivel 200 bar

R+M Nr.		⊙
750 400 1	3/4"	



Seal kit swivel 200 bar

R+M Nr.		TYP
750 400 2	3/4"	

Repair kit ST-322



Repair kit swivels ST-322

R+M Nr.	
200 322 490	

Hose guides



Wall hose guide frame. 50 x 37 mm

R+M Nr.	
741 06	



1/4" F : 3/8" M. Housing and axle stainless steel. Max. 600 bar / 90 °C

R+M Nr.		i
750 280 0	59 mm	



Seal kit swivel 750 280 0

R+M Nr.	
750 200 2	

Hose stops



Hose stop with six exchangeable inserts. Hose \varnothing 10 - 34 mm

R+M Nr.	
741 03	

Bolt sets



Stainless steel. Set for bracket

R+M Nr.	
741 02	

Symbols ★ marking TYP type M material i height ⊕ inlet ⊖ outlet ⊙ thread DN nominal diameter P pressure Ⓜ weight

easyfoam365+ Everything for the professional foam cleaning

Sprayer with pressure tank



- » The filling is very easy and effected by means of a plastic hopper to fill in.
- » 1/4" M connection to be attached at the compressed-air supply.
- » Max. 8 bar. Equipped with a default safety valve.
- » Chemically resistant hose 10 m. Spray lance 600 mm with nozzle. Fill level indication.
- » Suitable for the use in the car wash and industry.
- » **Available from 10 pieces in other RAL colors.**

R+M Nr.	TYP	📏
106 024 500	coated steel	24 l
106 050 500	coated steel	50 l
106 100 500	coated steel	100 l

Foamer with pressure tank



- » The filling is very easy and effected by means of a plastic hopper to fill in.
- » 1/4" M connection to be attached at the compressed-air supply.
- » Max. 8 bar. Equipped with a default safety valve.
- » Chemically resistant hose 10 m. Foam lance 600 mm with nozzle head and 4 nozzles. Fill level indication.
- » Integrated dosing unit to realise the desired air/foam mixture. Permanent pressure exposure is required in order to achieve an uniform foam result.
- » Suitable for the use in the car wash and industry.
- » **Available from 10 pieces in other RAL colors.**

R+M Nr.	TYP	📏
106 024 550	coated steel	24 l
106 050 550	coated steel	50 l
106 100 550	coated steel	100 l

Suitable for keeping and application of liquids of the group 2 according to the directive EWG/67/548 Art. 2, para. 2 and directive EG/97/23 Art. 9. Not suitable for liquids of group 1 and especially strong alkaline solution and acids.

Accessories for sprayer and foamer

Foam hoses	Spray hoses	Foam head	Nozzles			
Bayonet. 10 m	1/4" M. 10 m	1/2" M	Foamer. 50° 45	Foamer. 60° 25	Sprayer. 110° 04	Sprayer. 110° 045
R+M Nr. 106 901 01	R+M Nr. 106 911 01	R+M Nr. 106 906 0	R+M Nr. 609 805 59	R+M Nr. 609 802 59	R+M Nr. 609 110 04	R+M Nr. 609 110 045

Symbols TYP type 📏 volume

easyfoam365+ Everything for the professional foam cleaning

Sprayer with pressure tank



- » The filling is very easy and effected by means of a plastic hopper to fill in.
- » 1/4" M connection to be attached at the compressed-air supply.
- » Max. 8 bar. Equipped with a default safety valve.
- » Chemically resistant hose 10 m. Spray lance 600 mm with nozzle. Fill level indication.
- » Suitable for the use in the food industry, car wash and industry.

R+M Nr.	TYP	l
106 024 600	stainless steel AISI 304, V2A	24 l
106 050 600	stainless steel AISI 304, V2A	50 l
106 100 600	stainless steel AISI 304, V2A	100 l

Foamer with pressure tank



- » The filling is very easy and effected by means of a plastic hopper to fill in.
- » 1/4" M connection to be attached at the compressed-air supply.
- » Max. 8 bar. Equipped with a default safety valve.
- » Chemically resistant hose 10 m. Spray lance 600 mm with nozzle. Fill level indication.
- » Integrated dosing unit to realise the desired air/foam mixture. Permanent pressure exposure is required in order to achieve an uniform foam result.
- » Suitable for the use in the food industry, car wash and industry.

R+M Nr.	TYP	l
106 024 650	stainless steel AISI 304, V2A	24 l
106 050 650	stainless steel AISI 304, V2A	50 l
106 100 650	stainless steel AISI 304, V2A	100 l

Suitable for keeping and application of liquids of group 2 according to the directive EWG/67/548 Art. 2, para. 2 and directive EG/97/23 Art. 9. Not suitable for liquids of group 1.

Accessories for sprayer and foamer

Nozzle	Nozzle filters	Reduction nipples	Adaptor	Nut for nozzle	Seal		
							
Sprayer. 100° 03	50 MESH	1/4" F : 1/2" M. Brass	1/4" F : 1/2" M. Stainless steel	Bayonet : 1/4" M	Plug DN 7.4 : 1/4" F	1/2" M	
R+M Nr. 609 110 03	R+M Nr. 106 909 2	R+M Nr. 575 40	R+M Nr. 575 49	R+M Nr. 106 900 1	R+M Nr. 554 714	R+M Nr. 106 909 3	R+M Nr. 106 909 4

easyfoam365+ Everything for the professional foam cleaning

Suttner low pressure guns

ST-1200 spray guns



Spray gun with adjustable spray angle.
Max. 24 bar / 100 l/min / 50 °C

R+M Nr.	(M)	(C)
201 200 500	brass	1/2" F



Spray gun with adjustable spray angle.
Max. 24 bar / 100 l/min / 50 °C

R+M Nr.	(M)	(C)
201 200 520	stainless steel	1/2" F



Spray gun with adjustable spray angle.
Trigger guard. Max. 24 bar / 100 l/min / 95 °C

R+M Nr.	(M)	(C)
201 200 550	brass / stainless steel	1/2" F



Spray gun with adjustable spray angle.
Trigger guard. Max. 24 bar / 100 l/min / 50 °C

R+M Nr.	(M)	(C)
201 200 535	brass	1/2" F

Repair kits ST-1200



R+M Nr.	(M)
201 200 420	stainless steel



R+M Nr.	(M)
201 200 430	brass

functioning of low pressure guns



Further models of the spray guns ST-1200 are available on request.

Symbols (M) material (C) inlet (O) outlet

easyfoam365+ Everything for the professional foam cleaning

Low pressure guns

RB35



Max. 12 bar / 50 l/min / 50 °C

R+M Nr.		
500 535 500	brass	1/2" F swivel



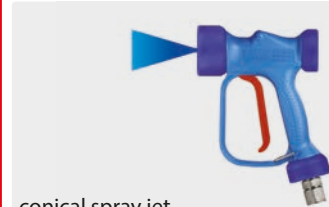
Max. 12 bar / 50 l/min / 80 °C

R+M Nr.		
500 535 510	stainless steel	1/2" F swivel

functioning of low pressure guns



long casting full jet



conical spray jet

RB65



Max. 24 bar / 60 l/min / 90 °C

R+M Nr.		
500 565 00	brass	1/2" F swivel



Max. 24 bar / 100 l/min / 90 °C

R+M Nr.		
500 565 10	brass	1/2" F swivel

Suttner low pressure guns

ST-860 low pressure



Spray gun with PEEK seat. Resistant to chemicals.
Max. 210 bar / 30 l/min / 80 °C

R+M Nr.		
200 860 500	1/4" F	1/4" F

ST-810 low pressure



Spray gun with POM seat. Resistant to chemicals.
Max. 140 bar / 30 l/min / 80 °C

R+M Nr.		
200 810 520	1/4" F	3/8" F



The choice of perfection

R+M de Wit GmbH

Heidestraße 11

42549 Velbert

Germany

Phone +49 (0) 20 51/94 85 7-0

Fax +49 (0) 20 51/94 85 7-3400

info@rm-suttner.com

www.rm-suttner.com