

*easy*clean

Høytrykks løsninger for profesjonelle!



Lanser for fasadevask side : 44-45

HT dyser side : 48-51

HT lanse side : 41/45

Bøybar HT lanse side : 42

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Skumkanon side : 68-69/110

Justerbar dyse : 43

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Vendedyse : 43

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Kjemipistoler side: 92

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Tilbakeslags-ventil side: 89

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Trykkmålere side: 104

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Filter kjemi side: 89/102



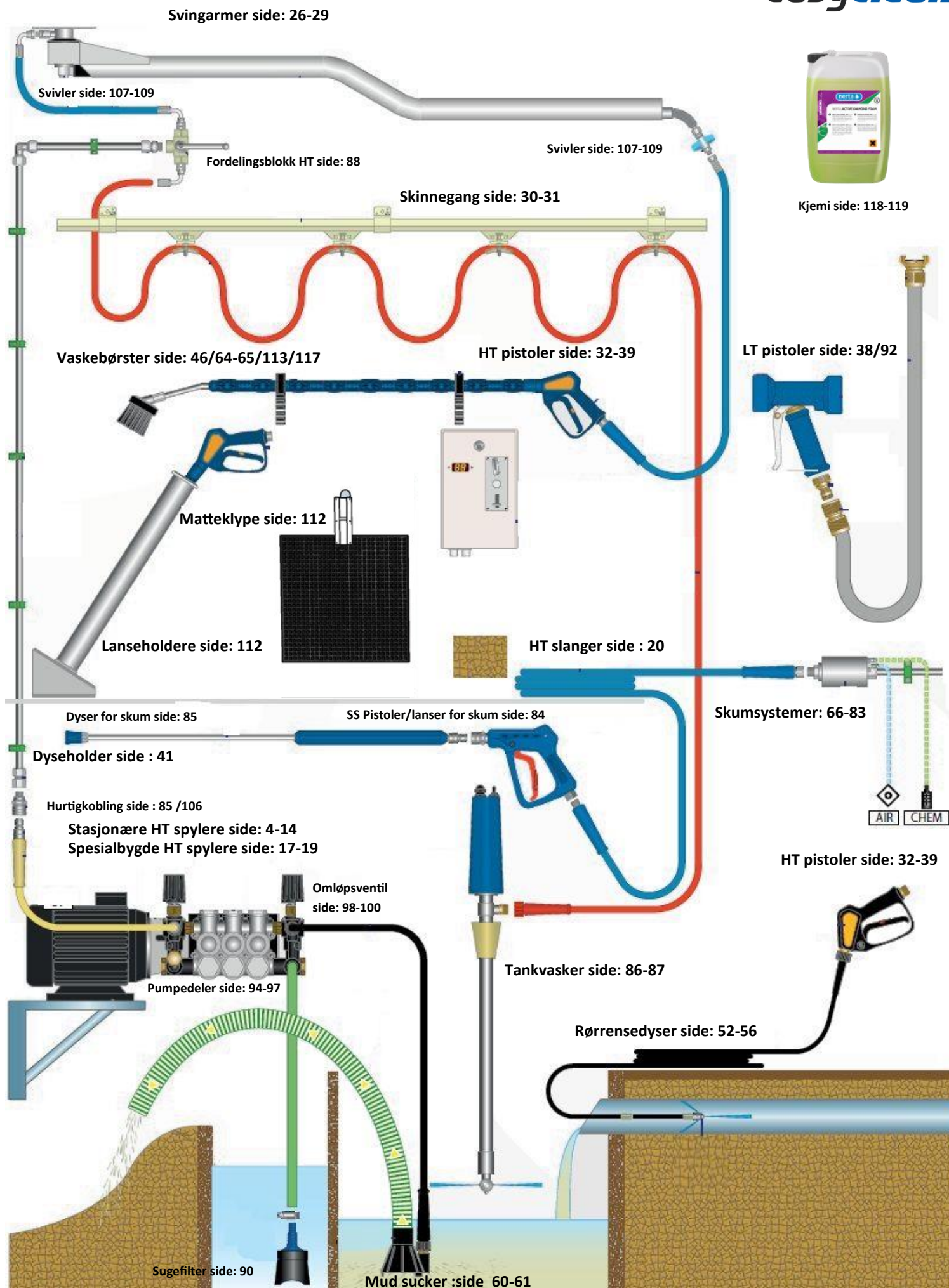
Tornado side: 114

Hurtigkobling/M22 side : 106

Oljepumper side: 105

Tilbakeslags ventil HT side: 101

Oljefilter side: 105



EasyClean Modula Split

Den mest plasseringsvennlige HT løsningen med dieselbrenner!

Selvstendig HT maskin + selvstendig dieselbrenner, begge i rustfri utførelse.
Kan monteres direkte på vegg eller settes sammen på rustfri monteringsbrakett.
Mulighet for integrert dieseltank i bunn av ramme eller en større ekstern tank.

Modell HT:	Vannmengde/ Trykk:	Modell brenner:	Oppsett:
HD180/18	18ltr/min	Split T30/60KW	01PF77
	180Bar	Delta Δ : 45	01SL01
			01AC510
PLUS 180/18	18ltr/min	Split T40/80KW	01PF82
	180Bar	Delta Δ : 56	01SL02
			01AC510
PLUS 160/30	30ltr/min	Split T40/80KW	01PF131
	160Bare	Delta Δ : 38	01SL02
			01AC510



EasyClean Modula

HD180/18

18ltr/min 180bar.

Forsinket stop, lekkasje kontroll, trykkmåler.

Dim: 560x460x360 67kg. 7,2Kw (forbruk)

Type: 01PF77



PLUS 180/18

18ltr/min 180bar.

Forsinket stop, lekkasje kontroll, trykkmåler.

Lukket konstruksjon. Fleksibel kobling pumpe/motor.

Dim: 720x460x360 88kg. 7,2Kw (forbruk)

Type: 01PF82



PLUS 160/30

30ltr/min 160bar

Forsinket stop, lekkasje kontroll, trykkmåler.

Lukket konstruksjon. Fleksibel kobling pumpe/motor.

Dim: 720x460x360 105kg. 9,9Kw (forbruk)

Type: 01PF131



SPLIT T30/T40

Stasjonær dieseldrevet varmtvann aggregat (hot box).

Beregnet for montasje sammen med HT maskin.

Max 250Bar.

T30: 230V 1 fas 0,3kw. 60Kw. Max 21ltr/min.

Dim: 690x440x850 90kg

Type: 01SL01

T40: 230V 1 fas 0,3kw. 80Kw. Max 30ltr/min.

Dim: 690x440x850 110kg

Type: 01SL02



Monteringsbrakett, rustfri.

Dieseltank integrert i ramme.

Dieseltank , 720/1000ltr.

Eksosvifte, m/brakett.

Type: 01AC510

Type: 01AC566





easyclean
høytrykkløsnings



EasyClean WSF

Kraftig HT spyler i rustfritt utførelse.
Passer krevende brukere som trenger en maskin for daglig bruk!

Ideell for bil/lastbil vask, matindustri, landbruk etc.

Kraftig brenner for høy temperatur!

Flammekontroll. 10ltr flottørtank. Digital timeteller. Lekkasje kontroll.

Dim. på chassis: 1350x680x730 (eks. brennertopp).

Vekt: 240kg.

Modell:	Vannmengde:	Trykk:	KW:	Brenner(KW):	Delta Δ:
WSF 4000	15ltr/min	200bar	5,5Kw	53Kw	50C
WSF 4050	21ltr/min	150bar	5,5Kw	93Kw	60C
WSF 5000	21ltr/min	200bar	7,5Kw	93Kw	60C
WSF 6000	30ltr/min	200bar	11Kw	128Kw	58C

Tilgjengelig ekstra utstyr:

Type: 3.056.04.001

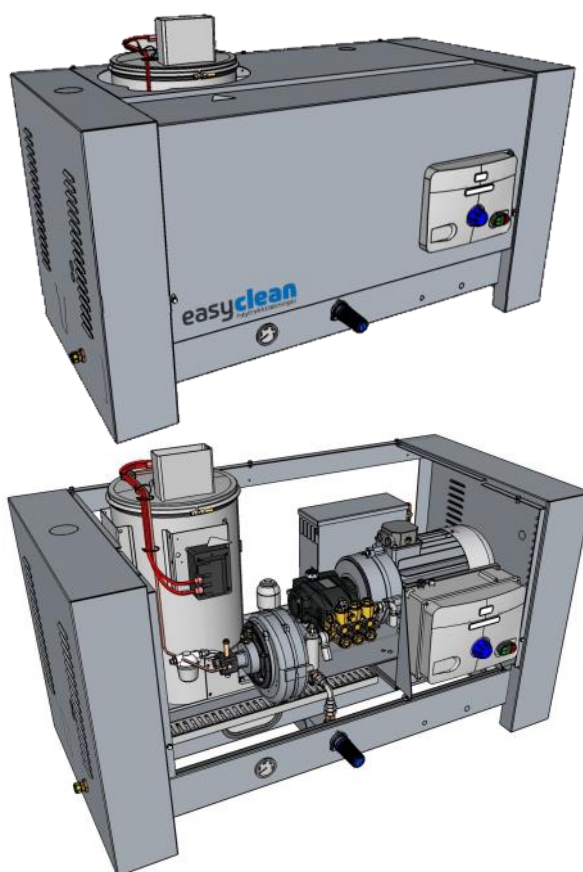
Dieseltank 20ltr
for innbygging i maskin

Type: 9.039.04.001

Ekstra betjeningspanel
for WSF.

Type: 1.105.04.009

Gulvstativ, lakkert.

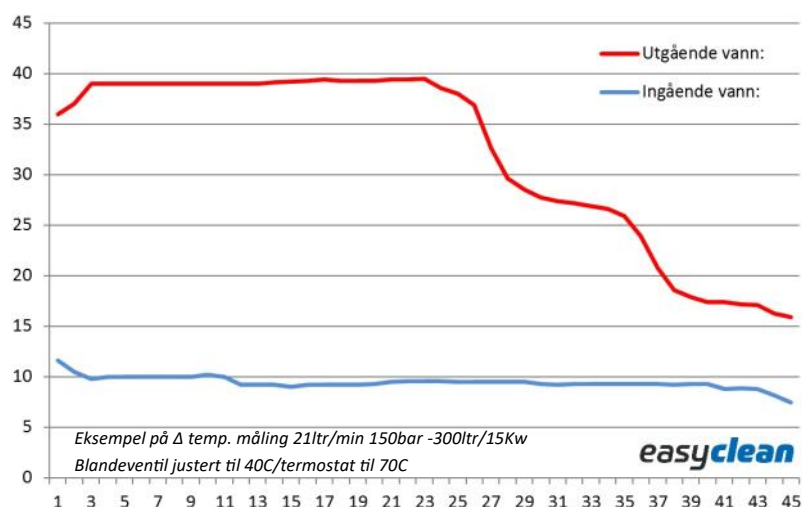
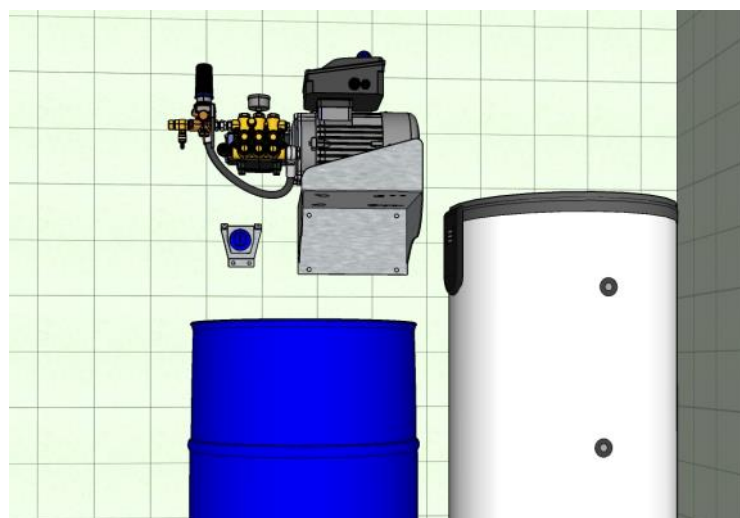


Den *reneste* løsningen for hetvann under høyt trykk.
Ingen eksos/ingen oljetank!

EasyClean MotorPumpe + 300ltr 15Kw varmtvannsbereder.
300ltr/600ltr ferdig oppvarmet vann vil ligge som en buffer og vil over kortere vaskeperioder gi ønsket vasketemperatur. Blandes ned til 40C.
Oppsettet kan utvides etter kundens behov.
Kan monteres direkte på vegg eller enklere anlegg kan settes sammen på ramme.

Gir lave servicekostnader på ditt varmtvannsanlegg!

Type:	Vannmengde/ Trykk:	KW: (oppvarming)	KW: (HT)
	15ltr/min 150Bar	15KW	4Kw
	21ltr/min 150bar	15KW	5,5Kw
	21ltr/min 200bar	2x15KW	5,5Kw



Den *reneste* løsningen for kontinuerlig hetvann under høyt trykk.
Ingen eksos/ingen oljetank!

Elektrisk for oppvarming med vedvarende kontinuitet.
Varmer opp vannet kontinuerlig under maskinens drift. Går aldri tom for varmtvann!

Obs! Krever store strømkurser, kun 400V eller 440V/60hz.

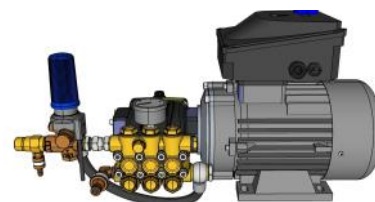
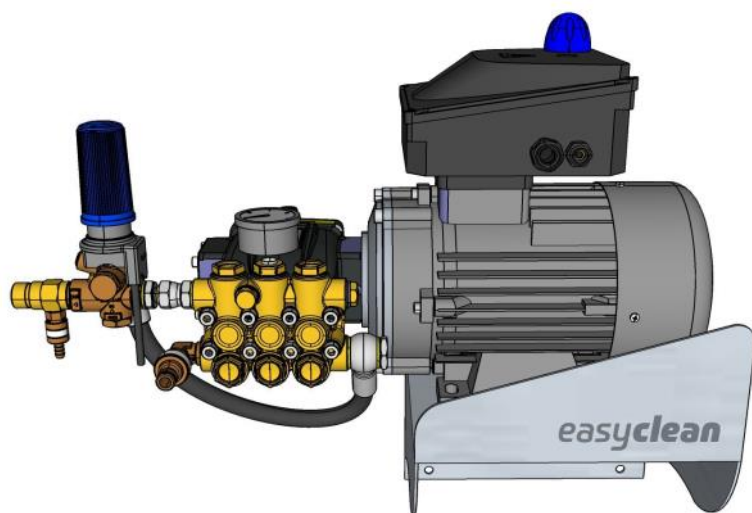
Type:	Vannmengde/ Trykk:	KW: (oppvarming)	Delta Δ :	KW: (HT)
107370270	18ltr/min 170bar	18Kw	14C	7,5kw
107370274	18ltr/min 170bar	36kw	28C	7,5kw
107370276	18ltr/min 170bar	54kw	42C	7,5



EasyClean Motorpumpe

Kraftig HT spyler. Med timer for omløp. Trykkstyrt stopp/start.
Rustfritt veggbrakett og gummidemper.

Type:	Vannmengde/ Trykk:	KW: (HT)
150/15	15ltr/min 150Bar	4Kw
150/21	21ltr/min 150bar	5,5Kw
200/21	21ltr/min 200bar	5,5Kw



Kan også leveres uten veggbrakett.

EasyClean Modula

HD180/18

18ltr/min 180bar.

Forsinket stop, lekkasje kontroll, trykkmåler.

Dim: 560x460x360 67kg. 7,2Kw (forbruk)

Type: 01PF77



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Type: 01PF131



EasyClean Rack

Stativ for montasje av inntil 3stk Modula.

Gir et ryddig oppsett og demper forplantning av støy i vegger.

Type: 01AC510



EasyClean MultiPump

For kunder med store behov og ønske om et ryddig oppsett!
Disse maskinene gir muligheten for å kjøre flere brukere på et rørnett som strekker seg rundt i en bygning , et skip eller for eksempel en fabrikk.

MultiPump for opp til 2 brukere.

Solid ramme med rustfritt deksler.

Softstart på pumper.

2 brukere x 21ltr / 200bar.

Kan også brukes som 1 bruker x 42ltr / 200 bar ved behov.



MultiPump for opptil 12 brukere.

3, 4 eller 6 pumper.

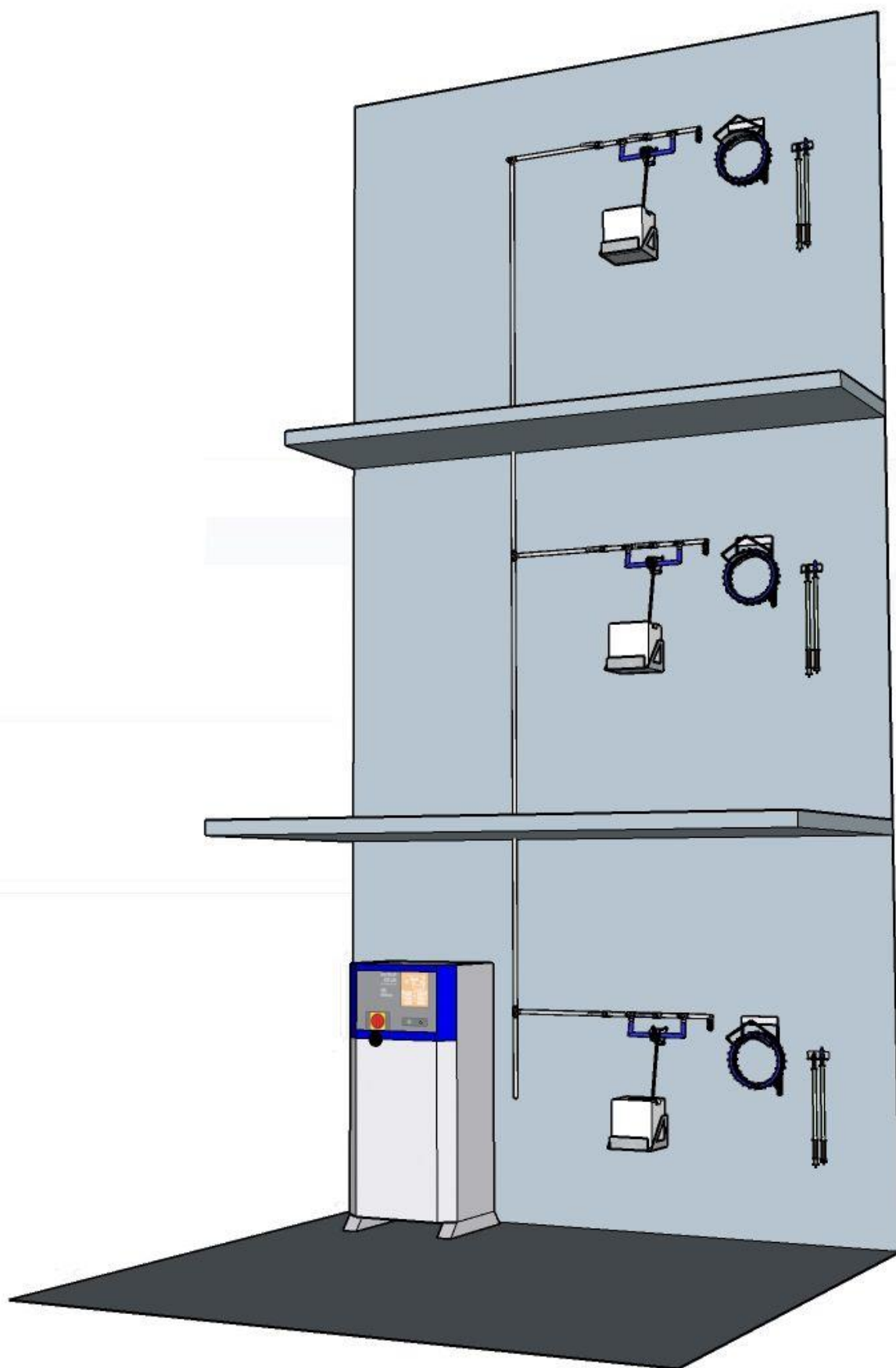
Rustfri konstruksjon.

Tåler opp til 85grader som inngangsvann og 70grader gjennom pumper.

Integret kontrollpanel med touch skjerm.

Type:	Vannmengde total/ Trykk:	KW:	Antall brukere:	Vannmengde per bruker:	Mål/vekt:
S20042SOFT	42ltr/min 200bar	15kw	2	21ltr/min	90x47x165 263kg
107342000	75ltr/min 160bar	27kw	3*	25ltr/min*	97x105x180 349kg
107342002	100ltr/min 160bar	35kw	4*	25ltr/min*	97x105x180 408kg
107342005	150ltr/min 160bar	55kw	6*	25ltr/min*	97x105x180 526kg

**Ulike oppsett er mulig. For eksempel flere brukere og lavere vannmengde. Mengder kan variere i praksis etter oppsett.*



*Maskiner i MultiPump systemet gir muligheten til å bruke flere uttak samtidig.
Velegnet for større bygninger der et sentralt anlegg er ønskelig.*

EasyClean STX

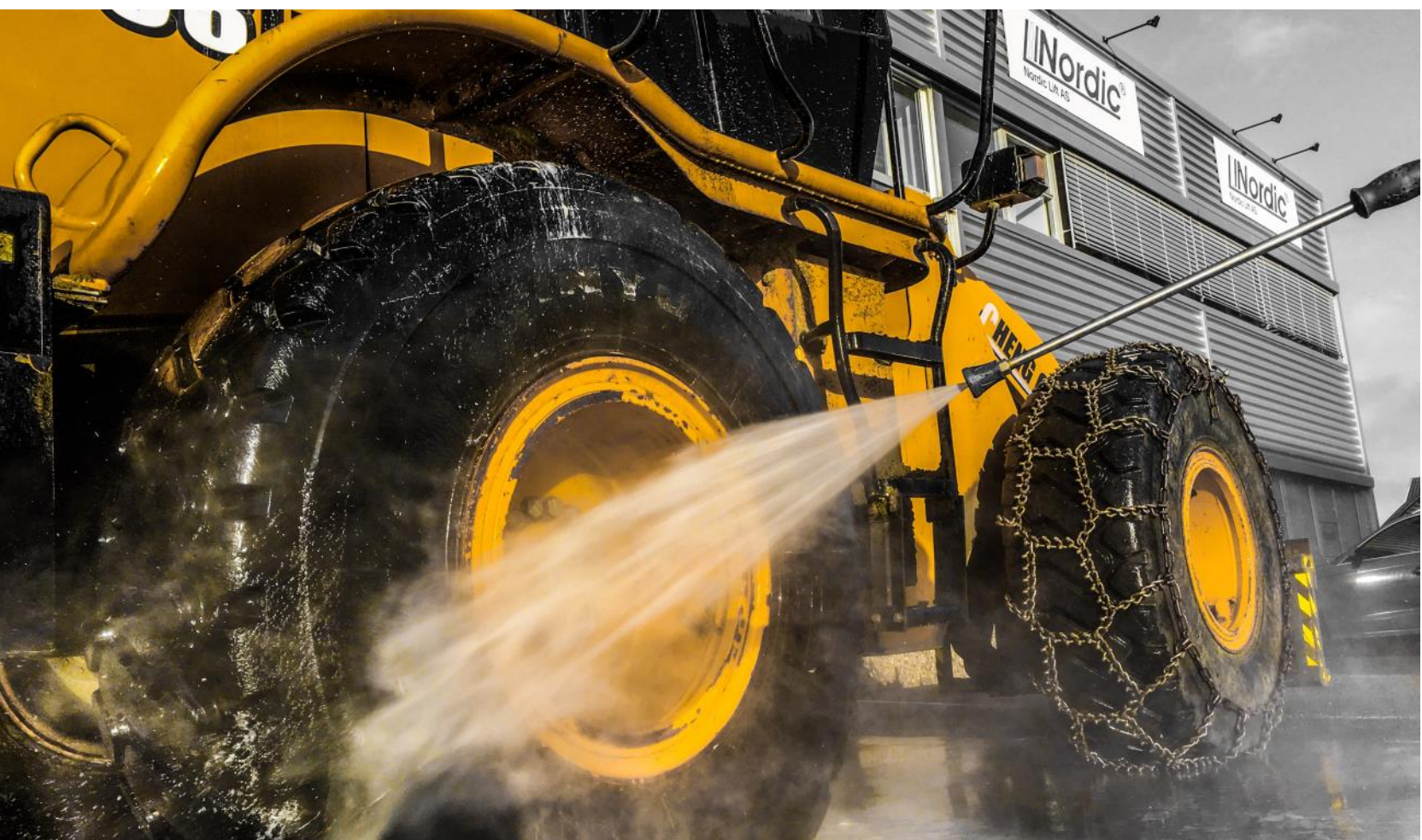
Kraftig mobil HT spyler med dieselbrenner og rustfritt deksel.
 Med flottørtank og innebygget injektor/3l kjemi tank.
 Utstyrt med brems på hjul og solid plast ramme.
 Kraftig og effektiv (89%) brenner med 35ltr stor dieseltank.
 Sikkerhet og driftsfunksjoner som; mikro lekkasje kontroller,
 flammekontroll, sikkerhetstermostat, overopphetingssikring i motor
 og dieselnivåføler.



Type:	Vannmengde/ Trykk:	KW (forbruk):	Mål/ vekt:	Brenner:
01SX05	19ltr/min 190bar	8Kw	99x62x94 160kg	60KW



Type:	
01AC467	Trommel Ca 30m.





EasyClean Midia

Effektiv HT spylar m/rustfritt deksel.
Stopp/start med timer.

Innebygget kjemitanke, lett tilgjengelig vannfilter, overopphetingssikring i motor, solide hjul som ikke lager merker på gulv.



Type:	Vannmengde/ Trykk:	KW (forbruk):	Mål/ vekt:
01PF94	15ltr/min 160bar	5Kw	81x38x87 50kg

Type:	Trommel Ca 20m.
01AC468	

EasyClean Maxima

Kraftig HT spylar m/rustfritt deksel.
Stopp/start med timer.

- Sikkerhet og driftsfunksjoner som;
- Mikro lekkasje kontroller.
 - Overopphetingssikring i motor.
 - Total stop på timer

Kraftige hjul og solide løfte kroker.



Type:	Vannmengde/ Trykk:	KW (forbruk):	Mål/ vekt:
01PF62	20ltr/min 200bar	8,4Kw	81x61x93 80kg
01PF64	30ltr/min 200bar	14Kw	81x61x93 106kg



Type:	Trommel Ca 40m.
01AC469	

EasyClean Comby

Kraftig mobil dieseldrevet HT spyler med brenner og rustfritt deksel. Med løftepunkt for gaffeltruck.

For anleggsvask, montasje i henger/bil, områder uten strøm.

Kohler Diesel motor, elektrisk start og automatisk gasspådrag .
Dieseltank på 26l.



Type:	Vannmengde/ Trykk:	Motor:	Mål/vekt:	Brenner:
01MC01	18ltr/min 200bar	10,9HK 441CC	140x100x108 442kg	60KW Delta Δ: 45



EasyClean Geyser

Kraftig mobil dieseldrevet HT spyler med stor brenner og rustfritt deksel.

Lett å løfte med stropper og truck.

For anleggsvask, montasje i henger/bil, områder uten strøm.

Kubota Diesel motor, elektrisk start og automatisk gasspådrag .

Dieseltank på 40l.



Type:

01AC563 Hjulkit

Type:	Vannmengde/ Trykk:	Motor:	Mål/vekt:	Brenner:
DHW26021-S	21ltr/min 260bar	20HK	144x99x80(109*) 355kg	110kw Delta Δ: 70

*Eksospiper



EasyClean Spylehenger.

Henger utstyrt med kraftig dieselmotor og dieslbrenner. Standard modell kommer med **EasyClean Geyser** (260bar / 21ltr/min.)
Rustfri tank på 1300ltr m/ innebygd skvalpeskott. 230V kupeovn for frostsikring.

2 stk manuelle rustfri HT trommler montert bak. 50mtr fylleslange og 60mtr 3/8 HT slange m/standard pistol og lanse som standard

Kan tilpasses etter dine behov!

Flere tromler, større tromler, lengre slange, høyere trykk, takvasker, stakedyser..etc

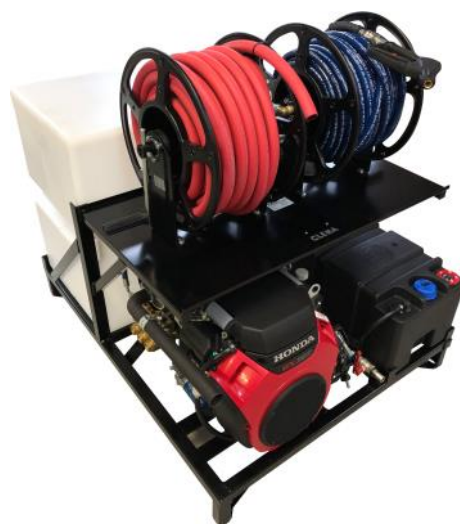
Send oss en forespørsel



EasyClean Industri

Easyclean industrimaskiner kan bygges etter behov og ønsker.

PTO for traktor :	Opptil 500 bar – vannmengde opptil 80ltr/min
Multipumper :	Opptil 10 pumper
Kaldtvann El. industri:	Opptil 2500 bar – vannmengde opptil 200ltr/min
Dieselsversjoner industri:	Opptil 2500 bar – vannmengder opptil 200 ltr/min – kan bygges med dieselmotorene
Bensinersjoner:	Opptil 500 bar – opptil 50 ltr/min





Type:	Lengde:	Koblinger:
356155820	20m rull	3/8 inv./3/8utv. BSP
356155825	25m rull	3/8 inv./3/8utv. BSP
356155830	30m rull	3/8 inv./3/8utv. BSP
30265	per m.	Etter ønske.

Slangehylse.

For å hindre skade på slangen der den brukes mest.
For 3/8 slange.

Type: 30905

Slangestopper

Med 6 ulike hylser.
Dekker 10-34mm slangedim.

Type: 74103



EasyClean Høytrykkslange

Kvalitetsslange for høytrykk

Leveres i ruller med ulike lengder eller lages på mål.
Tåler høye temperaturer — +150C.
NonMarking—etterlater ikke merker.
Dobbel stålkord—ekstra sterk



EasyClean Hurtigkobling

Hurtigkoblinger for HT slanger.
Kan brukes på for eksempel tilkobling HT spylers, rørnett, pistol..etc.
Max 250Bar/150C



Type:	Kobling:	Koblinger:
557204	Hann, messing	3/8 inv BSP
557209	Hann, rustfri	3/8 inv BSP
200045505	Hunn, messing	3/8 inv BSP
200045565	Hunn, rustfri	3/8 inv BSP





Wash385
0-C / 250 F
bar / 4000



HØYTRYK

SKUM

AVFETTING

AVFETTING
SKUM

EasyClean Slangetrommel

Kvalitetstromler for høytrykk

Leveres i ulike modeller.

Slange kjøpes separat.

Max 400Bar.

Type: Kapasitet: Serie: Utførelse:

Fjærinntrekk:

VL4H3820 20m VL Lakkert grå

VGL4H3825ST 25m VGL Lakkert grå

BG4H1230ST 30m BG Lakkert grå

BGLD4H1250ST 50m BGLD Lakkert grå

VLX4H3820ST 20m VLX Rustfri

VGLX4H3825ST 25m VGLX Rustfri

BGX4H1230ST 30m BGX Rustfri

BGLDX4H1250ST 50m BGLDX Rustfri

Manuell inntrekk:

73960 70m(3/8) Manual (Sveiv) Rustfri

73965 110m(3/8) Manual Sveiv Rustfri

Slangeholder for veggmontasje

Type:11006

Mål: 360x200x170

Kapasitet: 1/2" 40m / 3/4" 30m



Svingbar brakett for slangetrommel

Leveres i ulike modeller.

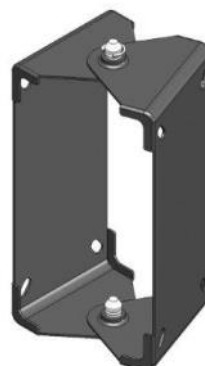
Type: Serie: Utførelse:

ALSG20R VL/VGL Lakkert grå

BGSG30 BG Lakkert grå

ALXG20R VLX/VGLX Rustfri

BGXSG30 BGX Rustfri



VLX/VGLX

BGX

BGLDX

MANUAL

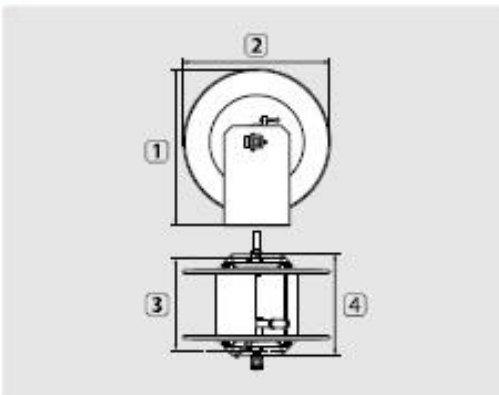
High pressure hose reels

STKI

The STKI series suitable for applications in craft and industry:

- » The base frame is made out of canted steel sheet profiles which stand for excellent stability.
- » The drum rotates by means of an adjustable handwheel being equipped with a free-wheel polyamide grip.
- » By means of a mechanical brake integrated in the bearing the drum can be slowly decelerated or even totally blocked.

- » Suitable for the mediums water or water with cleaning detergent, air, oils and greases.
- » 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 slide ring as sealing element.



TYP	outer Ø = hose
01	22.0 mm = 35 m
02	22.0 mm = 70 m
03	22.0 mm = 100 m
04	22.0 mm = 115 m
05	28.0 mm = 20 m
06	28.0 mm = 40 m
07	28.0 mm = 60 m
08	28.0 mm = 70 m
09	28.0 mm = 80 m
10	35.0 mm = 61 m

Stainless steel V2A / AISI 304

R+M Nr.	G	S	DN	P	°C	B	1	2	3	4	TYP
739 50	1/2" F	1/2" F	10	300 bar	90 °C	10.5 kg	515 mm	465 mm	280 mm	312 mm	01
739 60	1/2" F	1/2" F	10	300 bar	90 °C	13.5 kg	515 mm	465 mm	480 mm	512 mm	02
739 65	1/2" F	1/2" F	10	300 bar	90 °C	15.7 kg	515 mm	465 mm	680 mm	712 mm	03
739 701 2	1/2" F	1/2" F	10	300 bar	90 °C	16.8 kg	515 mm	465 mm	780 mm	812 mm	04
739 501 9	3/4" F	3/4" F	19	200 bar	90 °C	11.7 kg	515 mm	465 mm	280 mm	312 mm	05
739 601 9	3/4" F	3/4" F	19	200 bar	90 °C	14.7 kg	515 mm	465 mm	480 mm	512 mm	06
739 651 9	3/4" F	3/4" F	19	200 bar	90 °C	16.9 kg	515 mm	465 mm	680 mm	712 mm	07
739 70	3/4" F	3/4" F	19	200 bar	90 °C	18.0 kg	515 mm	465 mm	780 mm	812 mm	08
739 801 9	3/4" F	3/4" F	19	200 bar	90 °C	19.1 kg	515 mm	465 mm	880 mm	912 mm	09
739 702 4	1" F	1" F	24	100 bar	90 °C	18.3 kg	515 mm	465 mm	780 mm	812 mm	10

Accessories for hose reels

Elbow swivels



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

R+M Nr.	1
200 322 500	65 mm



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

R+M Nr.	1
200 322 510	65 mm



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

R+M Nr.	1
200 322 520	67 mm



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

R+M Nr.	1
200 322 522	68 mm

ST / SoST



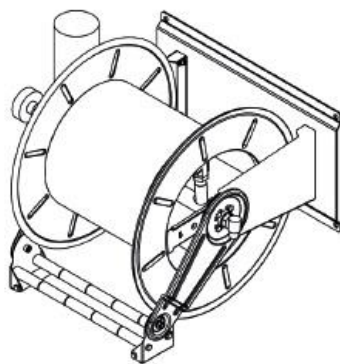
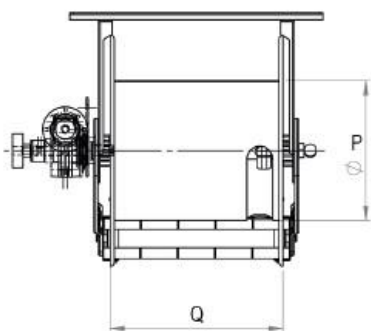
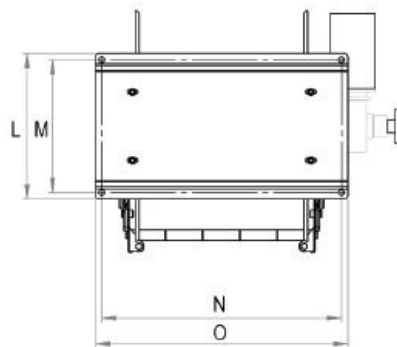
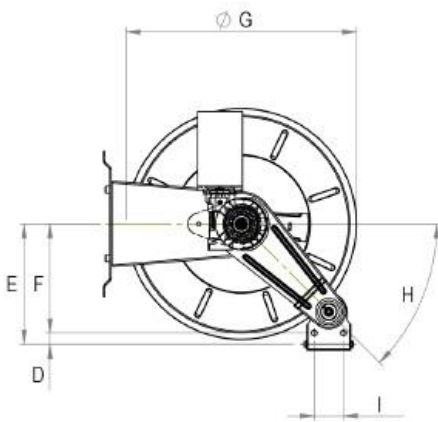
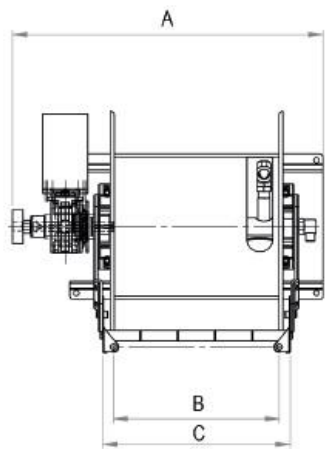
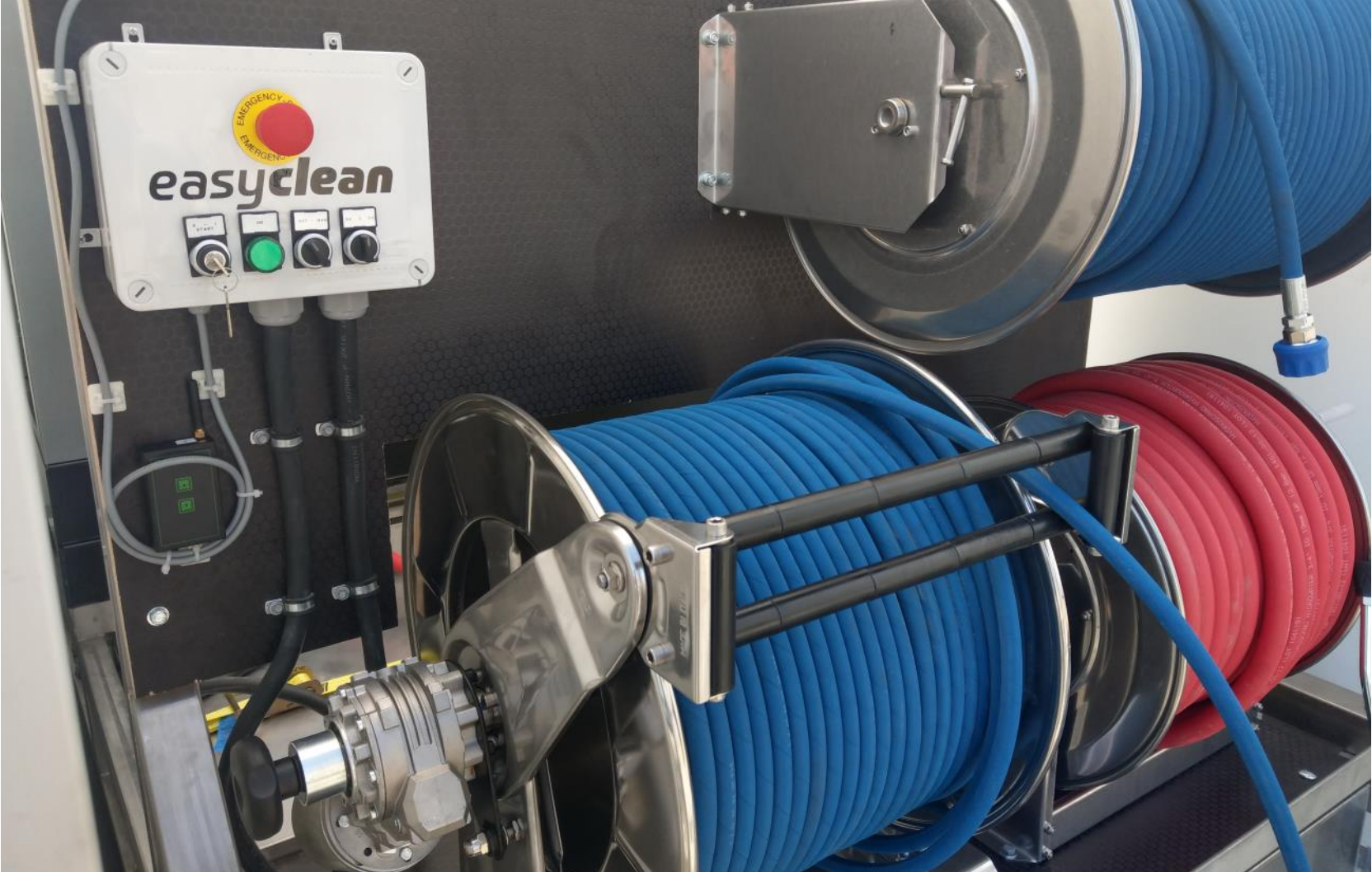
Swivel 200 bar



Repair kit swivel 750 400 1

R+M Nr.	1
750 400 1	3/4"

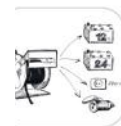
R+M Nr.	TYP
750 400 2	3/4"



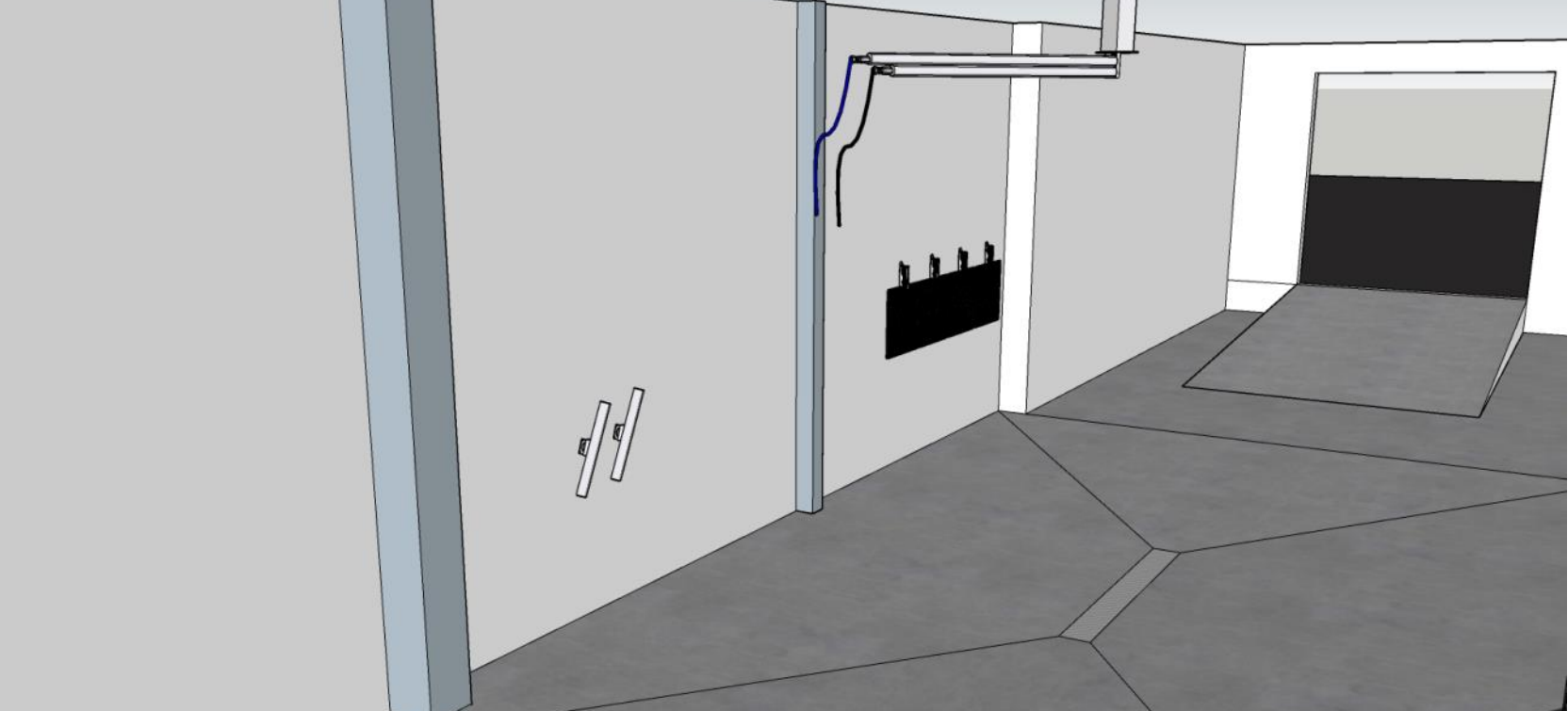
EasyClean Elektrisk langetrommel

12/24V eller 230V. Fjernstyring.

Eksempel på kapasitet: 100mtr/ 1/2» slange



ART.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
HR EK 0	724 mm	387 mm	437 mm	27 mm	281 mm	255 mm	540 mm	45 mm	68 mm	340 mm	310 mm	560 mm	590 mm	326 mm	403 mm



EasyClean Svingarmer

Rustfri utførelse. Klar for montasje, leveres med integrerte svivler. Maks 275bar/90C.

Takbrakett for nedsenking er tilgjengelig som tilbehør.

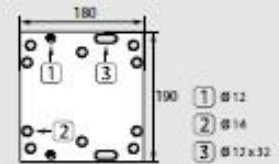


easywash365+ standard



Stainless steel. Ready for installation with two integrated swivels and professional high pressure hose with spring and integrated hose bend restrictors. Axle 2-ball bearings and permanently lubricated. Max. 275 bar / 90 °C.

R+M Nr.				
109 766 954	1,750 mm	1/4" F	1/4" M	8.0 kg

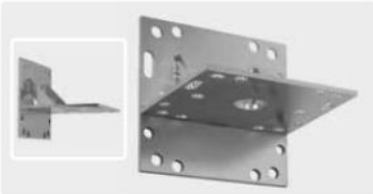
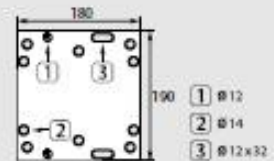


easywash365+ double ceiling booms



Stainless steel. Ready for installation with three integrated swivels, professional high pressure hose with spring and integrated hose bend restrictors. Axle 2-ball bearings and permanently lubricated. Especially developed for 2 different application mediums. Max. 275 bar / 90 °C

R+M Nr.				
109 767 921	1,600 mm / 1,750 mm	1/4" F	1/4" M	13.5 kg



Stainless steel V2A / AISI 304. For easywash365+ and Mosmatic ceiling booms

R+M Nr.
109 721 047



Positioner with solenoid. By means of a positioning device the Mosmatic ceiling boom-Z can easily be parked in the desired position.

R+M Nr.
108 659 11



1/4" M BSP : 3/8" F NPT

R+M Nr.
108 409 26



1/4" M BSP : 3/8" F NPT

R+M Nr.
108 329 27



Takbrakett, teleskopisk.
Varenr: SKtakbrakett
612-1014mm

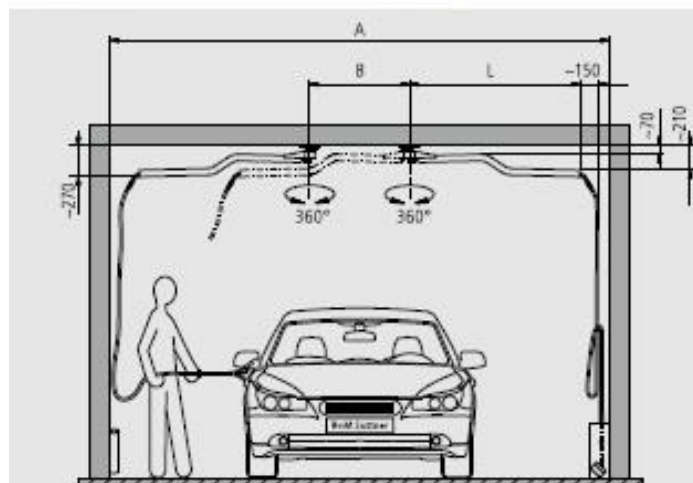
easywash365+ car wash ceiling boom-Z



Stainless steel. Ready for installation with two integrated swivels and professional high pressure hose with spring and integrated hose bend restrictors. Axle 2-ball bearings and permanently lubricated. Especially designed for using two booms side by side.

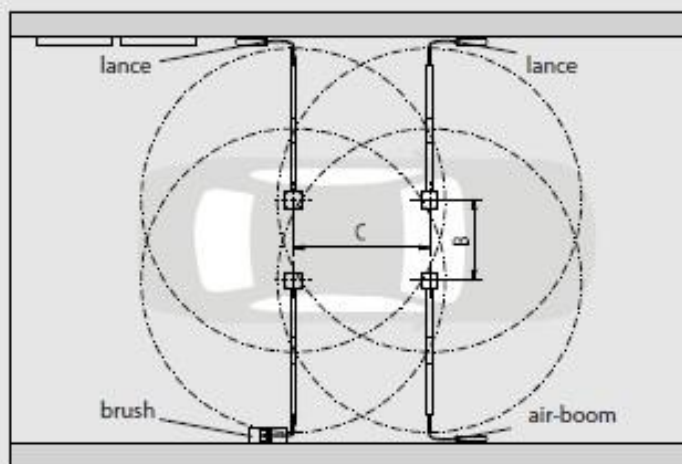
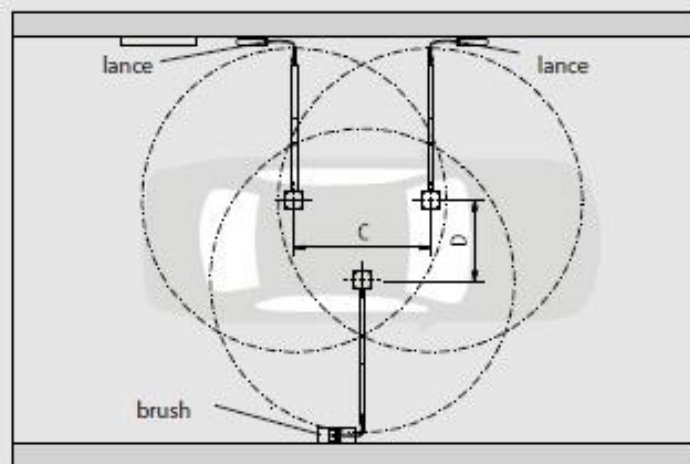
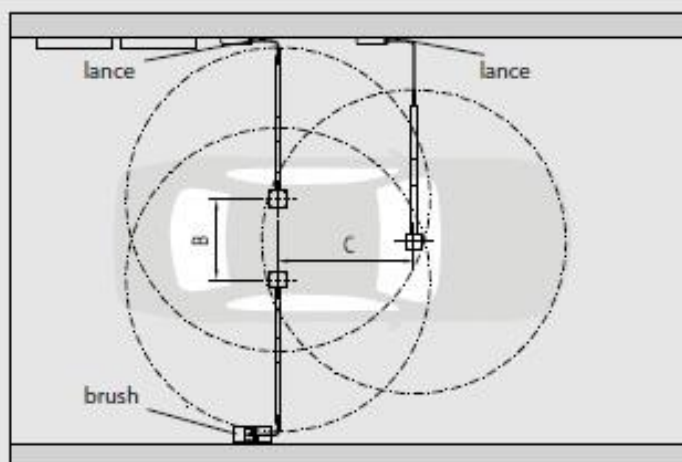
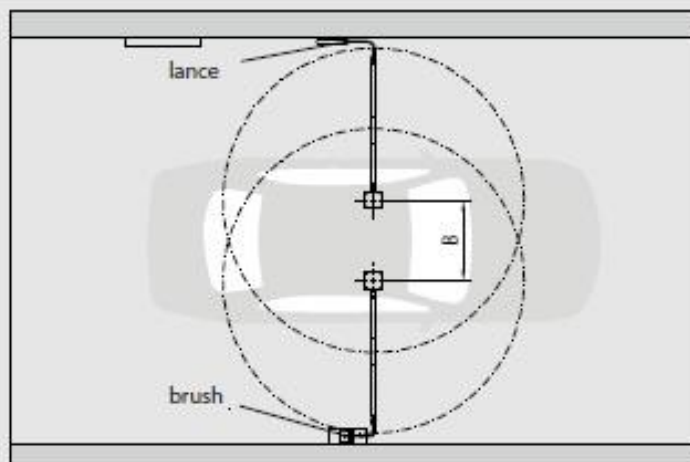
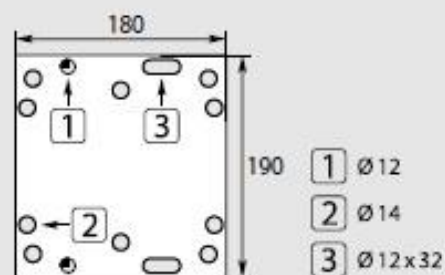
Max. 275 bar / 90 °C

R+M Nr.				
109 765 926	1,550 mm	1/4" F	1/4" M	8.0 kg



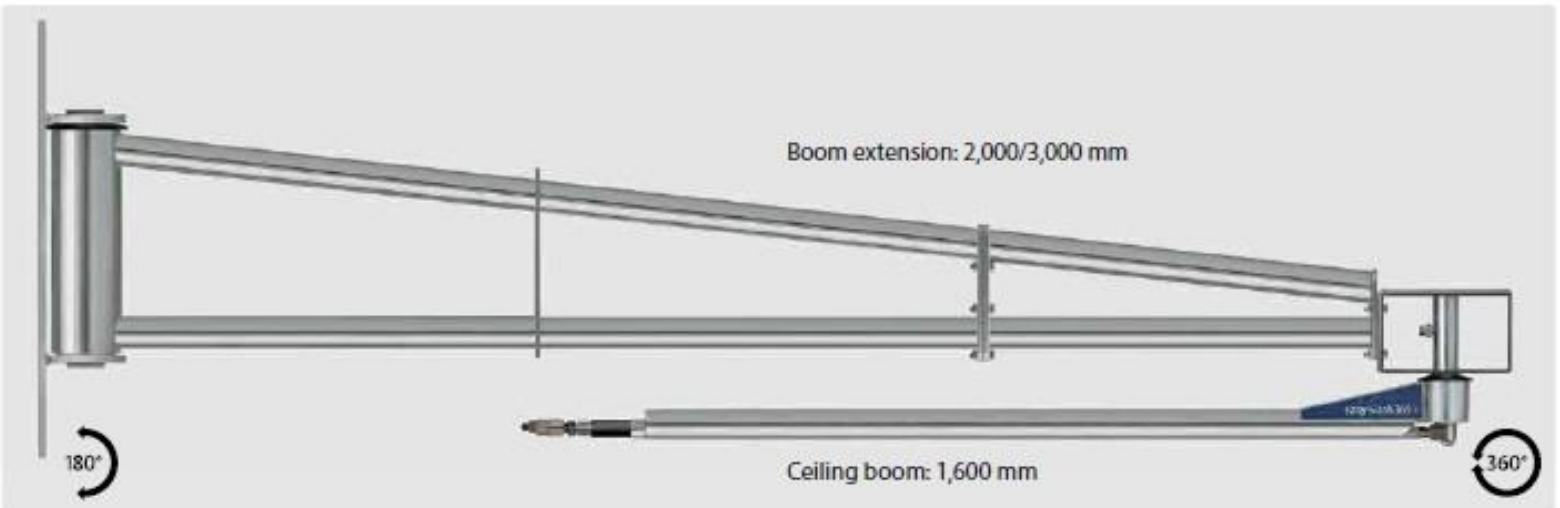
Mounting example for ceiling boom-Z

- A = 4,600 mm
- B = 900 mm
- C = 1,500 mm
- D = 750 mm
- L = 1,550 mm

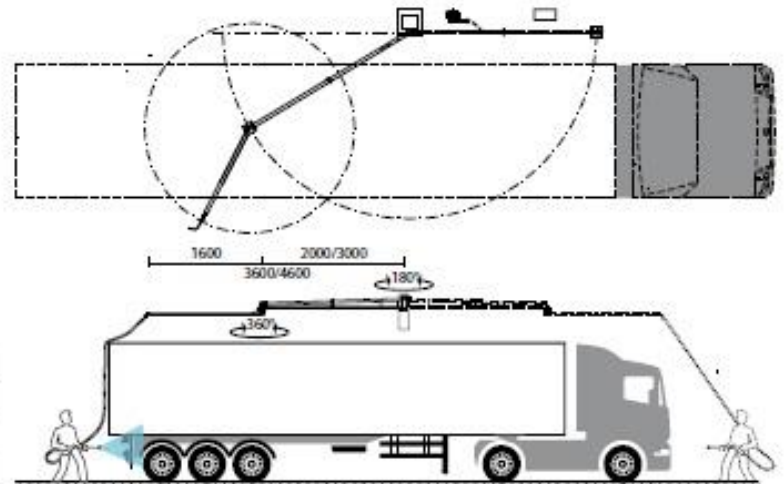


easywash365+ wall boom extension with ceiling boom

Wall boom extension with ceiling boom



- » Designed for washing large vehicles
- » Ceiling boom swivelling 360°, wall boom swivelling by 180°
- » Maintenance-free ball bearing swivels
- » Optionally available counter plate
- » Total length of up to 4,600 mm
- » Max. 275 bar / 120 °C
- » Connection: 3/8" M
- » Material: stainless steel



easywash365+ wall boom extension with ceiling boom

R+M Nr.	☺	Ⓞ	Ⓢ
109 760 972	2,000 + 1,600	3/8" M	3/8" M
109 760 973	3,000 + 1,600	3/8" M	3/8" M

easywash365+ wall boom counter plate

Stainless steel. 10 mm

R+M Nr.

109 790 419 3

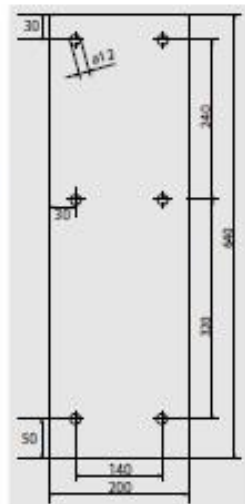
High pressure hose for easywash365+ boom extension

3/8" DKR : 3/8" DKR - 90°. 2 SC. DN 8. Black

R+M Nr.

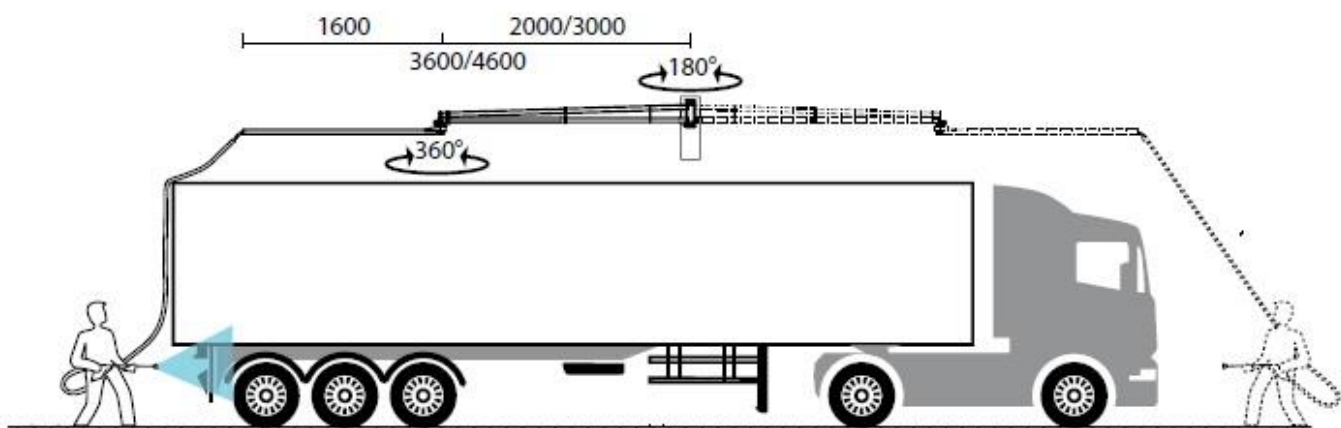
345 154 002 11 2,100

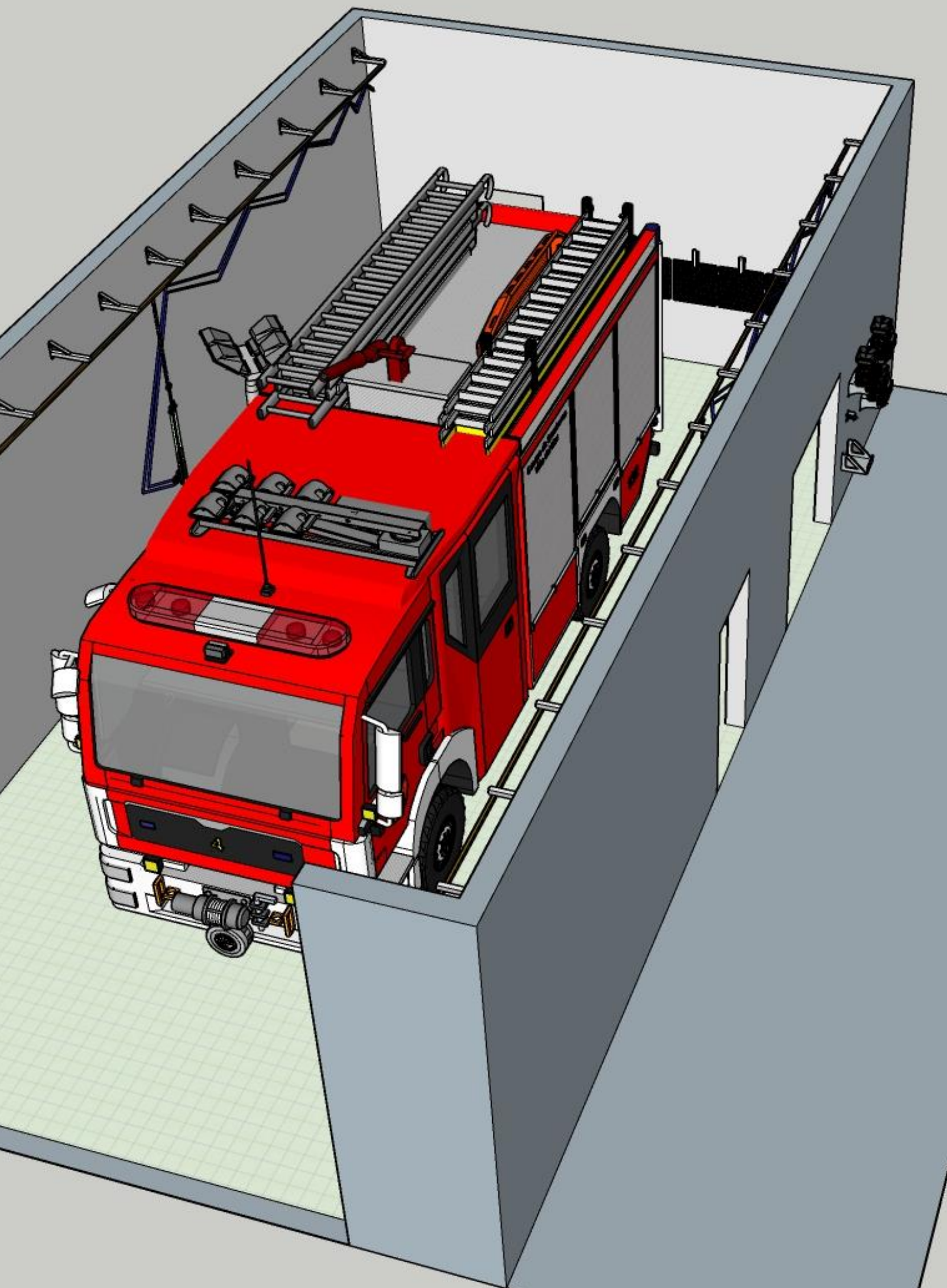
345 154 003 11 3,100

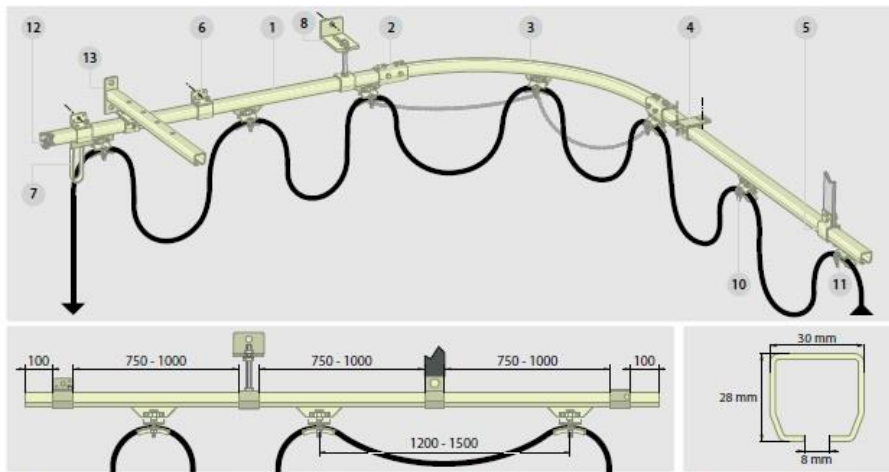


Top connection: robust bracket for safe assembly of the boom



Very robust and welded attachment with an optionally available counter plate for your safety (screws M12)








U-rails	Connecting rails	90° u-rails	Ceiling support brackets
			
R+M Nr. 107 008 0 6 m	R+M Nr. 107 208 0 80 mm	R+M Nr. 107 508 0 radius 650 mm	R+M Nr. 107 608 0 40 mm
Hole size 63 mm			

Adjustable bracket in height + double wall angle	Mounting brackets
	
Angle length 100 mm	
R+M Nr. 107 808 1 1 angle	R+M Nr. 107 901 0 1 300 mm
R+M Nr. 107 808 2 2 sleeve	R+M Nr. 107 902 1 2 (VPE) = 50

Mount base for flat iron	Wall mount base	Twin hose trolleys
		
R+M Nr. 107 908 0 40 mm	R+M Nr. 107 108 0 40 mm	Weight max. 10 kg R+M Nr. 107 308 012 8 - 15 mm 107 308 002 16 - 24 mm
End clamps	Attachment trolleys	Hose trolleys
		
Weight max. 10 kg R+M Nr. 107 708 01 8 - 15 mm 107 708 0 16 - 24 mm	Weight max. 10 kg R+M Nr. 107 308 07 8 - 15 mm 107 308 06 16 - 24 mm	Weight max. 10 kg R+M Nr. 107 308 01 8 - 15 mm 107 308 0 16 - 24 mm
Bumpers		
		
R+M Nr. 107 408 0		

EasyClean Skinnegang

Ryddig og praktisk vaskeløsning for store og små kjøretøy.
30mm profil med enkel, dobbel eller trippel slangeføring.
Kan leveres som komplette vaskeanlegg med ulike HT, kjemi og totalløsninger!

Kontakt oss for et utfyllende tilbud.

EasyClean Høytrykkspistol

Kvalitets høytrykkspistoler fra EasyClean finnes i mange varianter.

Ulike spesifikasjoner og koblinger for ulike behov og oppsett!

Ved større mengder kan vi også levere individuelle fargekoder på pistoler.

LTF (+)— Low Trigger Force. Krever 90% mindre kraft for å holde inn pistol, 40% mindre for å aktivere pistol. (+55% mindre aktivere-kraft)

KEW — Hurtigkobling / Hurtignippel for å enkelt skifte mellom ulike lanser/verktøy.

Variopress —Regulering av åpning/vannmengde på pistol. Gjør det lett å justere trykk/vannmengde under vasking.

Kjemiresistent—Kjemiresistent ventil; keramisk ventilball, syre resistent rustfritt stålsete. Primært designet for kjemikaler i bilindustrien.

HighFlow—For høyere vannmengder en hva som standard brukes. Ulike modeller.

Ultra High Pressure—For høytrykkspylere med 350bar og høyere.

Food Safe— Rustfri utførelse og høyere rasistens mot kjemikaler.

Freeze Stop— For bruk til frostsikring av ditt vaskesystem. "Lekkasje" fra 0-10bar.

Weep — For bruk til frostsikring av ditt vaskesystem. Kontinuerlig "Lekkasje".



EasyClean Høytrykkspistol



EasyClean Høytrykspistol

Kvalitets høytrykspistoler fra EasyClean finnes i mange varianter.

Ulike spesifikasjoner og koblinger for ulike behov og oppsett!

Ved større mengder kan vi også levere individuelle fargekoder på pistoler.



Professional gun with coupling KW.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	☺	☺
202 300 570	coupling KW	3/8" F swivel



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



Pro gun with patented LTF technology and Variopress and coupling KW. Variopress regulates the water quantity and serves for the adjustment of pressure. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	☺	☺
202 600 632	coupling KW	3/8" F swivel



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

Professional gun.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	☺	☺
202 300 550	1/4" F	3/8" F swivel



Professional gun with patented LTF technology.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	☺	☺
202 600 550	1/4" F	3/8" F swivel

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

R+M Nr.	☺	☺
202 600 545	coupling KW	3/8" F swivel



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



LTF

Professional ultra high pressure gun with patented LTF. Max. 500 bar / 30 l/min / 150 °C



LTF+

Professional gun. Patented valve kit. Especially wear-resistant ball made out of carbide. Swivel made out of stainless steel. Max. 400 bar / 35 l/min / 150 °C



LTF+

Professional gun with coupling KW. Patented valve kit. Especially wear-resistant ball made out of carbide. Swivel made out of stainless steel. Coupling KW made of stainless steel. Max. 400 bar / 35 l/min / 150 °C

R+M Nr.		
202 750 500	1/4" F	3/8" F

R+M Nr.		
202 635 550	1/4" F	3/8" F swivel

R+M Nr.		
202 635 570	coupling KW	3/8" F swivel



Professional ultra high pressure gun. Max. 600 bar / 80 l/min / 150 °C



Professional ultra high pressure gun with coupling ST-45. Max. 600 bar / 80 l/min / 150 °C



ST-3900 shoulder supports. New European Union guidelines imperatively prescribe the use of shoulder supports for cleaning applications exceeding an operating reaction force of 150 N. Variably adjustable ST-3900. Swiveling coupling. Suitable for guns ST-3600 / ST-3500.

R+M Nr.		
203 600 550	1/2" F	1/2" F

R+M Nr.		
203 600 650	coupling ST-45	1/2" F

R+M Nr.		
203 900 500	telescope 340 - 500 mm	505 - 675 mm



Professional high-flow gun. Stainless steel. Industrial high pressure cleaning and jetting gun for municipal cleaning and other industrial cleaning tasks. Valve piston hardened stainless steel. Max. 350 bar / 200 l/min / 150 °C



Professional high-flow gun. Stainless steel. Industrial high pressure cleaning and jetting gun for municipal cleaning and other industrial cleaning tasks. Valve piston hardened stainless steel. Swivel stainless steel. Max. 350 bar / 200 l/min / 150 °C



Professional gun. Max. 150 bar / 80 l/min / 150 °C

R+M Nr.		
203 500 500	1/2" F	1/2" F

R+M Nr.		
203 500 550	1/2" F	1/2" F swivel

R+M Nr.		
202 320 500	1/4" F	1/2" F



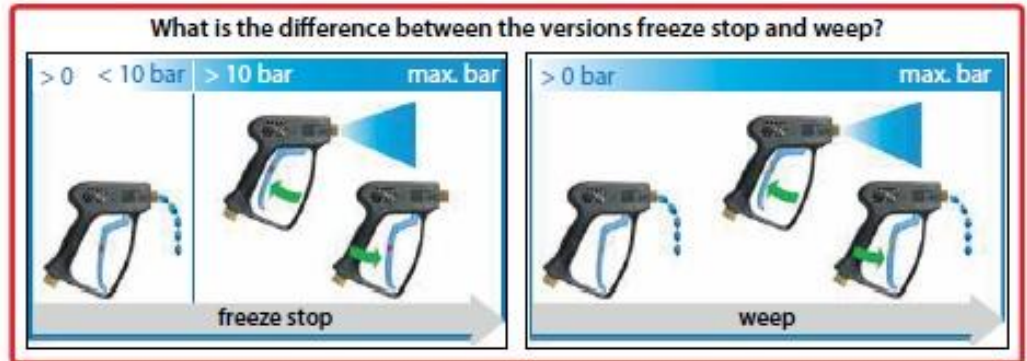
Freeze Stop— For bruk til frostsikring av ditt vaskesystem. "Lekkasje" fra 0-10bar.

Weep — For bruk til frostsikring av ditt vaskesystem. Kontinuerlig "Lekkasje".

LTF (+)— Low Trigger Force. Krever 90% mindre kraft for å holde inn pistol, 40% mind-

Freeze stop valves in easywash365+ spray guns and freeze stop spray guns

Except for the valve screw the valves are completely made out of stainless steel. Contrary to all common freeze stop valves the real body is a hardened stainless steel ball. This difference significantly increases the robustness, reliability as well as preciseness in switching.



easywash365+ standard



Professional gun. Standard.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 518	1/4" F	3/8" F swivel

easywash365+ weep



Professional gun. Weep version.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 528	1/4" F	3/8" F swivel

easywash365+ freeze stop



Professional gun. Freeze stop version.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 538	1/4" F	3/8" F swivel

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

easywash365+ standard



Professional gun with lance swivel ST-345.
Standard. Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 802	1/4" F	3/8" F swivel

easywash365+ weep



Professional gun with lance swivel ST-345. Weep version.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 803	1/4" F	3/8" F swivel

easywash365+ freeze stop



Professional gun with lance swivel ST-345. Freeze stop version.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.		
202 600 804	1/4" F	3/8" F swivel

Valves complete - easywash365+



Standard

R+M Nr.
202 300 490



Weep

R+M Nr.
202 300 491



Freeze stop

R+M Nr.
202 300 457

ST-301 swivel - easywash365+



1/4" F : 3/8" F

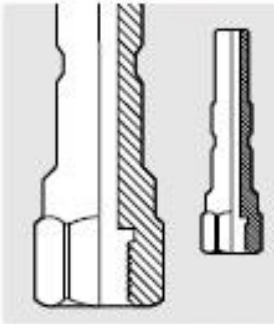
R+M Nr.
200 301 050



Repair kit ST-301

R+M Nr.
200 300 100

Connections for spray guns with coupling KW



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

R+M Nr. 040 001 248

Plug KW : 1/4" M. stainless steel

R+M Nr. 040 001 256

Coupling KW for spray guns



Coupling KW : 1/4" M. Brass

R+M Nr. 559 26

Coupling KW : 1/4" M. Stainless steel

R+M Nr. 202 700 350

Connections for hobby half lances



Plug K : 1/4" F



Plug KW : 1/4" F



Plug Pro : 1/4" F

R+M Nr. 200 000 435

R+M Nr. 559 20

R+M Nr. 200 000 439

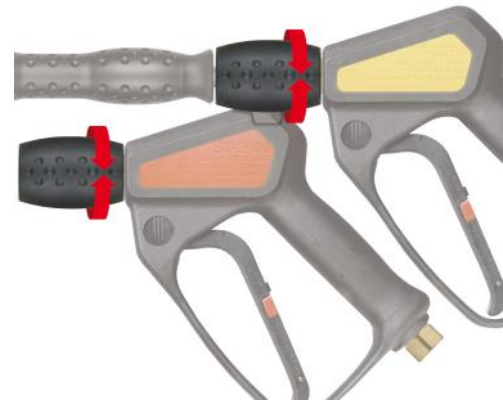
Type: 200345500

Variant: Svivel for ettermontering på pistol.
Forenkler vaskingen ved at du kan snurre på lensen.

Gjenge: 1/4" utv.
1/4" inv.



Type: 040 002 055
Pistol holder



EasyClean LavTrykk Pistol



Max. 24 bar / 60 l/min / 90 °C

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



Max. 24 bar / 100 l/min / 90 °C

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

functioning of low pressure guns

long casting full jet

conical spray jet



easyWash
max. 3007
Made in Germany

NOT IN USE PLACE
AT 88009
LOOSE

NOT IN USE PLACE
LOOSE



EasyClean Lanser

Kvalitets høytrykkslanser fra EasyClean finnes i mange varianter.

Ulike lengder, spesifikasjoner og koblinger for ulike behov og oppsett!

Ved større mengder kan vi også levere individuelle løsninger/farger.



Lance with moulded handle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
070 009 433	1/4" M	300 mm	433 mm	stainless steel
070 005 009	1/4" M	300 mm	500 mm	stainless steel
070 006 009	1/4" M	300 mm	600 mm	stainless steel
070 007 009	1/4" M	300 mm	700 mm	stainless steel
070 008 009	1/4" M	400 mm	800 mm	stainless steel
070 010 009	1/4" M	400 mm	1,000 mm	stainless steel
070 012 009	1/4" M	500 mm	1,200 mm	stainless steel
070 015 009	1/4" M	500 mm	1,500 mm	stainless steel
070 020 009	1/4" M	500 mm	2,000 mm	stainless steel

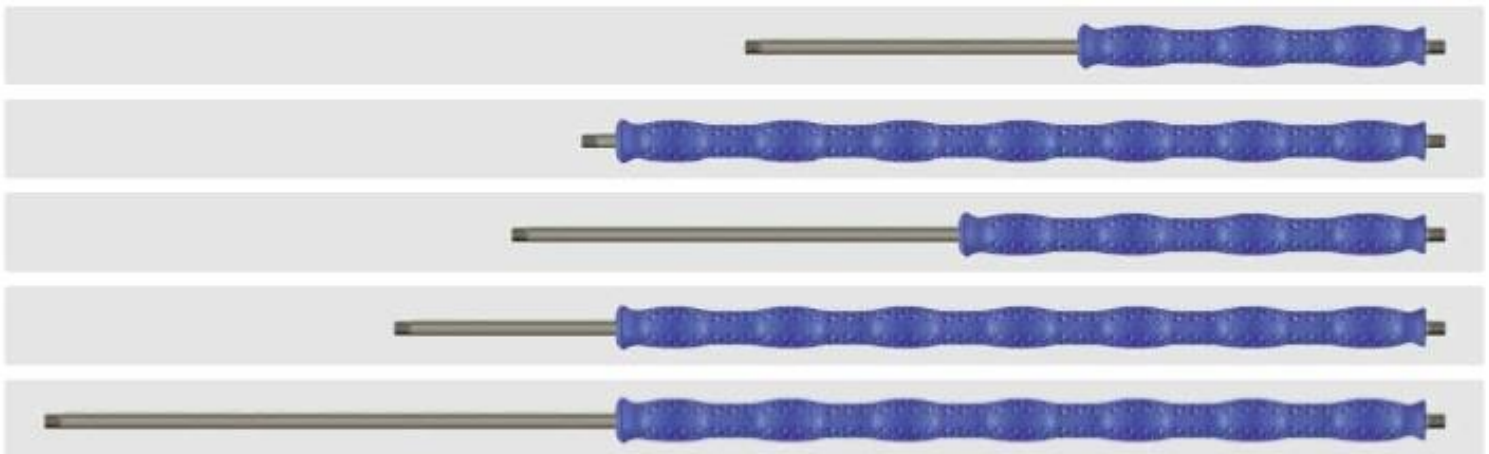
R+M Nr.	⊙	ISO	⇄	M
070 000 170	1/4" M	300 mm	500 mm	zinc-plated steel
070 000 180	1/4" M	300 mm	600 mm	zinc-plated steel
070 000 190	1/4" M	400 mm	800 mm	zinc-plated steel
070 000 470	1/4" M	300 mm	900 mm	zinc-plated steel
070 000 200	1/4" M	400 mm	1,000 mm	zinc-plated steel
070 000 210	1/4" M	500 mm	1,200 mm	zinc-plated steel
070 000 220	1/4" M	500 mm	1,500 mm	zinc-plated steel
070 000 230	1/4" M	500 mm	2,000 mm	zinc-plated steel



1/4" M. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
511 401 19	1/4" F NPT	380 mm	800 mm	stainless steel
511 501 19	1/4" F NPT	380 mm	1,000 mm	stainless steel
511 601 19	1/4" F NPT	380 mm	1,200 mm	stainless steel
511 701 19	1/4" F NPT	760 mm	1,500 mm	stainless steel
511 901 19	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M
511 401 1	1/4" F NPT	380 mm	800 mm	zinc-plated steel
511 501 1	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
511 601 1	1/4" F NPT	380 mm	1,200 mm	zinc-plated steel
511 701 1	1/4" F NPT	760 mm	1,500 mm	zinc-plated steel
511 901 1	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel



Stainless steel. Lance with moulded handle Cool & Compact. Max. 400 bar / 150 °C

R+M Nr.	ISO	⊙	⇄	⊙
200 129 306	300 mm	1/4" M	600 mm	1/4" M
200 129 707	700 mm	1/4" M	740 mm	1/4" M
200 129 408	400 mm	1/4" M	800 mm	1/4" M
200 129 709	700 mm	1/4" M	900 mm	1/4" M
200 129 712	700 mm	1/4" M	1,200 mm	1/4" M



Stainless steel. Lance bender for 1/4" M lances without nozzle protector



Plastic. Stainless steel

Plastic. Zinc-plated steel

Plastic. Stainless steel

R+M Nr.	040 003 600
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R+M Nr.	200 010 710
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R+M Nr.	200 010 510
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R+M Nr.	200 010 770
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EasyClean Push&Pull lanse

Praktisk lanse med bøyeligledd i front.



1/4" F. ST-85 Push & Pull lance with nozzle protector ST-10 without high pressure nozzle. Max. 210 bar / 150 °C

R+M Nr.	⊗	↔	⊕	Ⓜ
200 085 810	1/4" F NPT	850 mm	1/4" F	stainless steel
200 085 800	1/4" F NPT	1,000 mm	1/4" F	stainless steel
200 085 850	1/4" F NPT	1,500 mm	1/4" F	stainless steel

R+M Nr.	⊗	↔	⊕	Ⓜ
200 085 710	1/4" F NPT	850 mm	1/4" F	zinc-plated steel
200 085 700	1/4" F NPT	1,000 mm	1/4" F	zinc-plated steel
200 085 750	1/4" F NPT	1,500 mm	1/4" F	zinc-plated steel



Plug KW. ST-85 Push & Pull lance with nozzle protector ST-10 without high pressure nozzle. Max. 210 bar / 150 °C

R+M Nr.	⊗	↔	⊕	Ⓜ
200 085 260	1/4" F NPT	600 mm	plug KW	stainless steel
200 085 610	1/4" F NPT	850 mm	plug KW	stainless steel
200 085 600	1/4" F NPT	1,000 mm	plug KW	stainless steel
200 085 650	1/4" F NPT	1,500 mm	plug KW	stainless steel

R+M Nr.	⊗	↔	⊕	Ⓜ
200 085 210	1/4" F NPT	600 mm	plug KW	zinc-plated steel
200 085 510	1/4" F NPT	850 mm	plug KW	zinc-plated steel
200 085 500	1/4" F NPT	1,000 mm	plug KW	zinc-plated steel
200 085 550	1/4" F NPT	1,500 mm	plug KW	zinc-plated steel



- » The kit is suitable for undercar wash of vehicles as well as for roof cleaning.
- » The kit is supplied as version for undercar wash.
- » The add-on kit for roof cleaning can be easily assembled.

R+M Nr.
200 085 400



undercar wash



roof cleaning



Handle for adjustment and locking. Attachable on both sides

R+M Nr.
200 009 680



1/4" M. Lance with moulded handle, valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.			
200 054 600	1/4" F NPT	300 mm	980 mm stainless steel

R+M Nr.			
517 60	1/4" F NPT	300 mm	980 mm zinc-plated steel



Brass. Incl. low pressure nozzle.
Max. 250 bar / 150 °C

R+M Nr.		
516 05	plug KW	1/4" F



Brass. Incl. low pressure nozzle.
Max. 250 bar / 150 °C

R+M Nr.		
516 03	M22 M	1/4" F



Brass. Incl. low pressure nozzle.
Max. 250 bar / 150 °C

R+M Nr.		
516 06	M22 F	1/4" F

ST-56 twin nozzle holder



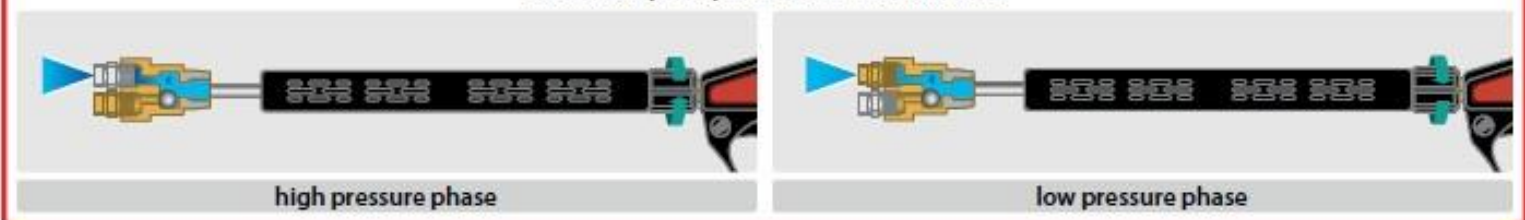
R+M Nr.			
200 056 500	2 x 1/4" F	1/4" F	brass



Plug KW. Lance with insulation ST-9 & grip, valve ST-53 on top and low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.			
516 055		380 mm	410 mm zinc-plated steel

Functional principle of a twin nozzle holder



ST-52 Variopress



R+M Nr.		
200 052 500	1/4" F	1/4" F

Mini adjustable nozzles



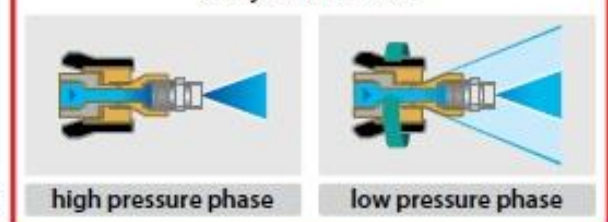
R+M Nr.		
657 20	1/4" F	1/4" F

ST-51 adjustable nozzles



R+M Nr.		
200 051 530	1/4" F	1/4" F

Functional principle of a adjustable nozzle



EasyClean Longcast lanse

Solid lanse med trinnløs justering mellom langt skytende punkt stråle eller en konisk stråle.

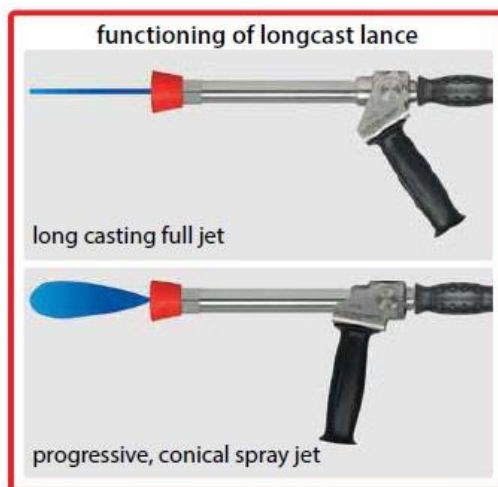
Perfekt for fasader, tak, fjøs, store kjøretøy etc.

Kraftig utførelse, rustfritt og helstøpt plast.

Kan leveres med ulike hurtigkoblinger eller komplett med pistol.

Husk at dyser må velges etter HT spylers.

Oppgi vannmengde og trykk ved bestilling.



3/8" F. Stainless steel. Longcast lance 500 mm with vented handle ST-29 Cool & Compact 330 mm, gun ST-2300, grip aside and nozzle protector made out of plastic without nozzle.
Max. 280 bar / 45 l/min / 100 °C

R+M Nr.		
200 078 510	nozzle protector without nozzle	3/8" F

The longcast lance can be connected to a low pressure pump, to a high pressure pump, to the public water system or to the extinguishing water network.

The lance works in the medium pressure range. By means of its very good solidity, good handling and compactness the lance is especially suitable for the intensive use.

The lateral hand grip makes a stepless adjustment of the water jet during the operation possible. A long casting point jet or a progressive, conical spray jet can be set.

In order to realize ideal cleaning results the nozzle size needs to be adapted to the pump performance (pressure and water quantity).



1/2" F. Stainless steel. Longcast lance 500 mm with vented handle ST-29 Cool & Compact 330 mm, gun ST-2320, grip aside and nozzle protector made out of plastic without nozzle.
Max. 150 bar / 80 l/min / 100 °C

R+M Nr.		
200 078 520	nozzle protector without nozzle	1/2" F

Nozzles for longcast lances



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



1/4" M. Stainless steel. Longcast lance 500 mm with vented handle ST-29 Cool & Compact 330 mm, grip aside and nozzle protector made out of plastic without nozzle.
Max. 280 bar / 130 l/min / 100 °C

R+M Nr.		
200 078 500	nozzle protector without nozzle	1/4" M



R+M Nr.	⊗	⊗	↔	⊗
525 070 8	2.4 kg	1/4" M	2.3 - 3.8 m	3/8" F
525 085 8	4.3 kg	1/4" M	2.3 - 5.6 m	3/8" F
525 100 8	5.4 kg	1/4" M	2.9 - 7.4 m	3/8" F



EasyClean Teleskopisk lanse

Lett og letthåndterlig! Justerbar høyde, opp til 7,4m. For fasadevask/takvask etc. Avlastningsbelte er tilgjengelig som ekstrautstyr.

EasyClean 500/600 bar lanser

Lanser 500/600bar



1/4" M. Lance with moulded handle. Safety factor 4. Max. 500 bar / 150 °C

R+M Nr.	⊗	ISO	↔	M
070 003 502	1/4" M	300 mm	350 mm	stainless steel
070 008 002	1/4" M	500 mm	800 mm	stainless steel
070 012 002	1/4" M	500 mm	1,200 mm	stainless steel

R+M Nr.



1/2" M. Lance with grip and sleeve 1/4" F NPT stainless steel without high pressure nozzle. Max. 600 bar / 150 °C

R+M Nr.	⊗	↔	⊗	M
203 600 400	1/4" F NPT	500 mm	1/2" M	stainless steel
203 600 401	1/4" F NPT	800 mm	1/2" M	stainless steel
203 600 402	1/4" F NPT	1,000 mm	1/2" M	stainless steel

R+M Nr.

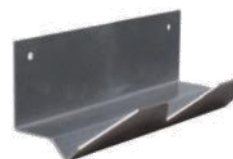
By means of a very wide work surface of approx. 260 x 80 mm the **easywash365+** wash brush is especially designed for the efficient cleaning of large areas such as railway carriages, tramcars, omnibuses, caravans, trucks, boats and ships, facades, greenhouses as well as vehicles, motorcycles and many more.

Fine and extremely soft natural bristles with split ends ensure an especially gentle cleaning of sensitive surfaces such as windows and car finish. The solid body of the **easywash365+** wash brush consists of 152 bristle bundles which are attached undetachably by means of multi-component synthetic resin.

Our **easywash365+** wash brush convinces all users working in the self-service foam- and prewash of an ideal and very easy handling. The soft coating of the body made out of thermoplastic elastomer demonstrably protects sensitive surfaces from damages.

The inlet of the **easywash365+** wash brush is equipped with a brass insert with 1/4" female thread which is fixed in the body. By means of an additional grub screw the high pressure lances available at self-service bays are safe from twisting and theft. Therefore, the grub screw needs to be screwed to the lance tube. **Further fastening plates or protection against theft are not required.**

13 outlet ports at the bottom of the **easywash365+** wash brush enable the required water flow and guarantee a convincingly good foam quality at the same time.



Air injector



1/4" F: 1/4" M.
Flow at 100 bar

R+M Nr.	↔	⊘
108 290 60	13 l/min	1.5
108 290 20	34 l/min	2.5

Wash brushes



A= 270. B= 260 x 80 mm. Hog hair.
Max. 40 l/min / 60 °C

R+M Nr.	C	Ⓞ
200 023 550	60 mm	1/4" F



A= 270. B= 260 x 80 mm. Hog hair.
Max. 40 l/min / 60 °C

R+M Nr.	C	Ⓞ
200 023 650	90 mm	1/4" F



A= 270. B= 260 x 80 mm. Hog hair / synthetic.
Max. 40 l/min / 60 °C

R+M Nr.	C	Ⓞ
200 023 660	90 mm	1/4" F

Wash brushes

Wash brushes



A= 260. B= 230 x 80 mm. Hog hair.
Max. 50 °C

R+M Nr.	C
200 023 500	60 mm
200 023 600	90 mm

Wash brush with cover



A= 260. B= 230 x 80 mm. Hog hair.
Max. 50 °C

R+M Nr.	C	Ⓞ
200 023 710	60 mm	1/4" F



A= 260. B= 230 x 80 mm. Hog hair.
With stainless steel frame.
Max. 50 °C

R+M Nr.	C	Ⓞ
200 023 735	60 mm	1/4" F



A= 260. B= 230 x 80 mm. Hog hair.
With stainless steel frame.
Max. 50 °C

R+M Nr.	C	Ⓞ
200 023 736	90 mm	1/4" F

Covers



Cover suitable as theft protection for wash brushes. Plastic.
Max. 50 °C

R+M Nr.	B ↔
020 001 540	230 mm

Frames for wash brushes



Frame with fixing bolts. Stainless steel.
Max. 60 °C

R+M Nr.	B ↔	Ⓞ
200 023 560	230 mm	1/4" F



Frame. Stainless steel.
Max. 60 °C

R+M Nr.	B ↔	Ⓞ
200 023 570	230 mm	1/4" F



1/4" F. Spray angle 20°. 120 - 250 bar. Max. 100 °C
Kit ST-458.1

1/4" F. 300-600 bar. Max. 90 °C

R+M Nr.	D	C
200 458 811	11	
200 458 812	12	
200 458 813	13	
200 458 815	15	
200 458 818	18	
200 458 820	20	
200 458 825	25	
200 458 830	30	

R+M Nr.
200 458 311
200 458 312
200 458 313
200 458 315
200 458 318
200 458 320
200 458 325
200 458 330

R+M Nr.	D
200 559 520	02
200 559 530	03
200 559 540	04
200 559 550	05
200 559 555	055
200 559 560	06

EasyClean Rotordyser

For gjenstridig skitt! Rotordyser opp til 1000 bar kan leveres!



1/4" F. Spray angle 20°. 100 - 250 bar. Max. 100 °C



1/4" F. Spray angle 20°. 200 - 400 bar. Max. 100 °C

R+M Nr.	D	C
200 357 530	03	yellow
200 357 535	035	purple
200 357 540	04	brown
200 357 545	045	light green
200 357 550	05	black
200 357 555	055	light blue
200 357 560	06	red
200 357 565	065	nature
200 357 570	07	pink
200 357 580	08	orange
200 357 690	09	green
200 357 510	10	grey

R+M Nr.	D	C
200 458 630	03	yellow
200 458 635	035	purple
200 458 640	04	brown
200 458 645	045	light green
200 458 650	05	black
200 458 655	055	light blue
200 458 660	06	red
200 458 665	065	nature
200 458 670	07	pink
200 458 680	08	orange
200 458 690	09	green
200 458 610	10	grey



1/4" F. Spray angle 20°. Max. 500 bar / 90 °C



1/4" F. Spray angle 20°. Max. 700 bar / 90 °C. Delivery time of approx. 1 week



1/4" F. Spray angle 20°. Max. 1,000 bar / 90 °C. Delivery time of approx. 1 week



R+M Nr.	D
655 500 520	02
655 500 525	025
655 500 530	03
655 500 535	035
655 500 540	04
655 500 545	045
655 500 550	05
655 500 555	055
655 500 560	06
655 500 570	07

R+M Nr.
655 500 120
655 500 125
655 500 130
655 500 135
655 500 140
655 500 145
655 500 150
655 500 155
655 500 160
655 500 170

R+M Nr.	D
655 700 520	02
655 700 525	025
655 700 530	03
655 700 535	035
655 700 540	04
655 700 545	045
655 700 550	05
655 700 555	055
655 700 560	06
655 700 570	07

R+M Nr.
655 700 120
655 700 125
655 700 130
655 700 135
655 700 140
655 700 145
655 700 150
655 700 155
655 700 160
655 700 170

R+M Nr.	D
655 100 520	02
655 100 525	025
655 100 530	03
655 100 535	035
655 100 540	04
655 100 545	045
655 100 550	05
655 100 555	055
655 100 560	06
655 100 570	07

R+M Nr.
655 100 120
655 100 125
655 100 130
655 100 135
655 100 140
655 100 145
655 100 150
655 100 155
655 100 160
655 100 170

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	

1/8" 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	630 08	632 05	635 00		
03	630 10	632 10	635 10	638 10	
035		632 15	635 15		
04	630 20	632 20	635 20	638 20	639 591
045	630 30	632 30	635 30	638 30	
05	630 40	632 40	635 40	638 40	639 60
055	630 50	632 50	635 50	638 50	
06	630 60	632 60	635 60	638 60	639 61
065	630 70	632 70	635 70	638 70	
07	630 80	632 80	635 80	638 80	
075	630 90	632 85	635 90	638 90	
08	631 00	633 00	636 00	639 00	
085	631 10	633 10	636 10	639 10	
09	631 20	633 20	636 20	639 20	
10	631 30	633 30	636 30	639 30	639 65
11	631 40		636 40		
12	631 50			639 50	
15		633 60	636 80		

1/4" M NPT - VVSS



Impact = 100 %

	40°	65°	80°		
(D)	R+M Nr.	R+M Nr.	R+M Nr.		
01	620 20	625 10	627 000 1		
015	620 25	625 15	627 00		
02	620 29		627 02		
03			627 03		

1/8" M NPT - VVSS



Impact = 100 %

	40°	65°			
(D)	R+M Nr.	R+M Nr.			
01	638 01	639 55 *			
015		639 56			
02		639 57			
03		639 58			

Power 1/4" M NPT - PMEG



Impact = 250 %

	15°	25°			
(D)	R+M Nr.	R+M Nr.			
04	613 305	617 905			
045	613 405	618 005			
05	613 505	618 105			
055	613 605	618 205			
06	613 705	618 305			
065	613 805	618 405			

Power 1/8" M NPT - PMEG



Impact = 250 %

	15°	25°			
(D)	R+M Nr.	R+M Nr.			
04	632 205	635 205			
045	632 305	635 305			
05	632 405	635 405			
055	632 505	635 505			
06	632 605	635 605			
065	632 705	635 705			

Nozzle filter VV



Brass. Max. 70 bar

R+M Nr.	nozzle
649 90	1/4"
649 95	1/8"

Symbols (D) nozzle

Tip nozzle



Impact = 100 %

	0°	15°	25°	40°	65°
Ø	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
02	600 02	602 40	604 90	607 40	609 052
025		602 45	604 95		
03	600 05	602 50	605 00	607 50	609 053
034	600 06	602 55	605 05		609 34
04	600 10	602 60	605 10	607 60	609 10
045	600 20	602 70	605 20	607 70	
05	600 30	602 80	605 30	607 80	609 30
055	600 40	602 90	605 40	607 90	609 305
06	600 50	603 00	605 50	608 00	
065	600 60	603 10	605 60	608 10	
07	600 70	603 20	605 70	608 20	
075	600 75	603 25	605 75	608 25	
08	600 80	603 30	605 80	608 30	609 008
085	600 90	603 40	605 90		
09	601 00	603 50	606 00	608 40	
10	601 10	603 60	606 10	608 60	609 100
12		603 70	606 20	608 66	
13	601 30	603 80	606 30	608 70	
15	601 40	603 90	606 40	608 80	
20	601 50		606 50	609 00	609 200



High speed steel (HSS) with aluminium shaft.

Ø 42 mm

R+M Nr.	Ø
200 049 042	0.5

Advantages of Power-MEG nozzle



Ceramic high pressure nozzles



1/4" M NPT



Impact = 100 %. Max. 300 bar / 125 °C

	0°	15°	25°	40°	
Ø	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	
02	610 056	613 056	617 506*	620 306	
025		613 076	617 656	620 356	
03	610 106*	613 106	617 706	621 006	
035	610 206*	613 206	617 806	621 206*	
04	610 306*	613 306	617 906	621 306	
045	610 406*	613 406	618 006	621 406	
05	610 506*	613 506	618 106	621 506	
055	610 606*	613 606	618 206	621 606	
06	610 706	613 706	618 306	621 706	
065	610 806*		618 406	621 806	
07	610 906*	613 906	618 506	621 906*	
075	611 006*	614 006*		622 006*	
08	611 106*	614 106*		622 106	
09	611 306*			622 306*	
10	611 406*	614 406*	619 006*	622 406*	
11	611 506*	614 506	619 106*	622 506*	
12	611 606*	614 606*	619 206*	622 606*	
15	611 806*	614 806	619 406*	622 806*	

- » Ceramic inserts provide up to 10 times the life of stainless steel inserts, maximizing your return of investment and decreasing downtime for nozzle replacement.
- » Extra long life ceramic orifice is nearly diamond-hard to resist wear.
- » The used ceramic is specially designed for high pressure and elevated temperature.
- » The extremely hard ceramic insert guarantees a more precise and stronger
- » Wedge-shaped orifice insert seats tightly as spray pressure increases.
- » The external body made out of stainless steel V2A / AISI 304 has a polished surface which is resistant to rust and slight damages.
- » The nozzles are equipped with a 1/4" M NPT connection.

1/4" M NPT



Impact = 100 %. Max. 500 bar / 150 °C

	0°	15°			
Ø	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
025	610 076 1*	613 076 1*			
03	610 106 1*	613 106 1*			
035	610 206 1*				
04	610 306 1*				
045	610 406 1*				
05	610 506 1*				

Output in l/min depends on pressure in bar

		Pressure in bar											
		3	10	20	30	40	50	60	70	80	90	100	110
01	0.59	0.4	0.7	1.0	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3
015	0.71	0.6	1.0	1.5	1.8	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
02	0.84	0.8	1.4	2	2.5	2.8	3.2	3.5	3.7	4.0	4.2	4.5	4.7
025	0.94	1.0	1.6	2.5	3.1	3.5	4.0	4.3	4.7	5.0	5.3	5.6	5.9
03	1.03	1.2	2.0	3.1	3.7	4.3	4.8	5.3	5.7	6.1	6.3	6.8	7.1
035	1.10	1.4	2.5	3.6	4.2	4.9	5.5	6.0	6.5	7.0	7.4	7.8	8.2
04	1.21	1.6	2.8	4.1	5.2	5.9	6.6	7.3	7.8	8.4	8.9	9.4	9.8
045	1.26	1.8	3.1	4.5	5.5	6.4	7.1	7.8	8.4	9.0	9.6	10.2	10.5
05	1.33	2.0	3.5	5.1	6.2	7.1	8.0	8.7	9.4	10.0	10.7	11.3	11.8
055	1.39	2.2	3.7	5.6	6.8	7.8	8.7	9.6	10.3	11.1	11.8	12.4	13.0
06	1.46	2.4	4.1	6.1	7.4	8.6	9.6	10.4	11.3	12.1	12.8	13.6	14.3
065	1.52	2.6	4.3	6.6	8.0	9.3	10.4	11.3	12.3	13.2	14.0	14.7	15.4
07	1.57	2.8	5.0	7.1	8.6	10.0	11.2	12.2	13.2	14.1	15.0	15.8	16.6
075	1.63	3.0	5.3	7.6	9.3	10.7	12.0	13.1	14.2	15.2	16.1	16.9	17.7
08	1.68	3.2	5.6	8.2	9.8	11.3	12.7	14.0	15.1	16.1	17.1	18.0	18.9
085	1.73	3.4	6	8.7	10.4	12.1	13.5	14.8	16.0	17.1	18.1	19.1	20.0
09	1.78	3.6	6.5	9.2	11.1	12.8	14.3	15.7	17.0	18.0	19.2	20.2	21.2
10	1.88	3.9	7.0	10.2	12.3	14.2	16.0	17.4	18.9	20.1	21.4	22.5	23.6
11	1.96	4.3	7.8	11.2	13.4	15.5	17.3	19.0	20.5	22.0	23.3	24.5	25.7
12	2.05	4.7	8.4	12.3	14.6	16.9	18.9	20.8	22.4	24.0	25.4	26.8	28.1
13	2.13	5.1	9.5	13.3	15.9	18.3	20.5	22.5	24.3	26.0	27.5	29.0	30.4
14	2.21	5.5	10.2	14.3	17.1	19.7	22.1	24.2	26.1	28.0	29.6	31.3	32.8
15	2.30	5.9	10.8	15.3	18.5	21.3	23.9	26.1	28.3	30.2	32.1	33.8	35.3
20	2.66	7.9	14	20.5	24.7	28.5	31.9	34.9	37.8	40.3	42.7	45.1	47.2
30	3.25	11.8	21.1	31.0	37.0	42.7	47.8	52.4	56.6	60.5	64.2	67.6	70.9
40	3.76	15.8	28.0	41.0	49.4	57.0	63.7	69.8	75.4	80.7	85.5	90.2	94.6
50	4.28	19.7	35.3	51.0	61.50	71.00	80.00	87.00	94.50	102.50	107.00	112.50	118.00

Choosing the suitable nozzle is most important for output and smooth function of the high pressure cleaner:

Nozzle too small = machine permanently switches into bypass or off.
Nozzle too wide = machine has a small output, lower pressure.

How to choose the suitable nozzle?

Attention: pressure and flow of the high pressure cleaner must be known e.g. 15 l/min (900 l/h) - working pressure of 150 bar.

1. In the first line (pressure in bar) please go to column "150".
2. Follow column "150" down to find l/min: take "15.2" (nearest to 15).
3. Turn left in line "15.2" until the first column and stop at nozzle type "055".
4. The size you need is "055"
5. On pages 264 -265 please select type of nozzle and spray angle.
6. In line "055" please find the R+M Nr. of the nozzle you need.

Important for excellent high pressure cleaning is the impact of the spray jet which is made up of 4 features.

Q
l/min

water flow

bar

water pressure

°

spray angle

d

spray distance

low impact
=
high surface efficiency

high impact
=
small surface efficiency

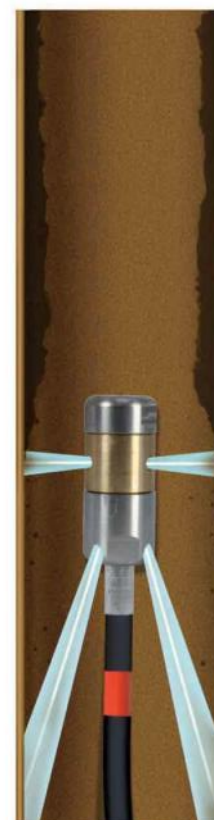
* hole diameter in mm

Output in l/min depends on pressure in bar

		Pressure in bar											
		120	130	140	150	160	175	200	225	250	300	400	500
													
01	0.59	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.3	3.5	3.8	4.4	4.9
015	0.71	3.7	3.8	4.0	4.2	4.3	4.5	4.8	5.1	5.4	5.9	6.7	7.5
02	0.84	4.8	5.0	5.3	5.4	5.6	5.9	6.3	6.7	7.0	7.7	8.9	9.9
025	0.94	6.1	6.4	6.6	6.9	7.1	7.5	8.0	8.5	9.0	9.9	11.4	12.7
03	1.03	7.4	7.7	8.0	8.3	8.6	9.0	9.6	10.2	10.7	11.8	13.5	15.1
035	1.10	8.6	8.9	9.2	9.5	9.8	10.3	11.0	11.7	12.3	13.8	15.5	17.8
04	1.21	10.3	10.7	11.1	11.5	11.9	12.4	13.3	14.1	14.8	16.3	18.7	20.9
045	1.26	10.9	11.4	11.8	12.2	12.6	13.2	14.1	15.0	15.8	17.4	19.9	22.3
05	1.33	12.4	12.9	13.4	13.8	14.3	14.9	16.0	16.9	17.9	19.7	22.6	25.3
055	1.39	13.6	14.1	14.7	15.2	15.7	16.4	17.5	18.6	19.6	21.7	25.0	28.0
06	1.46	14.9	15.5	16.0	16.7	17.2	18.0	19.2	20.4	21.5	23.7	27.1	30.3
065	1.52	16.1	16.8	17.4	18.0	18.6	19.4	20.8	22.0	23.2	25.6	29.3	32.7
07	1.57	17.3	18.0	18.7	19.3	20.0	20.9	22.3	23.7	25.0	27.1	31.3	35.0
075	1.63	18.5	19.3	20.0	20.7	21.4	22.4	23.9	25.3	26.7	29.4	33.7	37.7
08	1.68	19.7	20.5	21.3	22.0	22.8	23.8	25.5	27.0	28.5	31.4	35.9	40.2
085	1.73	20.9	21.8	22.6	23.4	24.1	25.3	27.0	28.6	30.2	34.5	39.8	44.5
09	1.78	22.1	23.0	23.9	24.7	25.5	26.7	28.6	30.3	31.9	35.1	40.2	45.0
10	1.88	24.6	25.6	26.6	27.6	28.5	29.8	31.8	33.7	35.6	39.2	44.9	50.2
11	1.96	26.9	28.0	29.1	30.1	31.1	32.5	34.7	36.8	38.8	43.4	50.1	56.0
12	2.05	29.4	30.6	31.7	32.8	33.9	35.4	37.9	40.2	42.4	46.7	53.4	59.8
13	2.13	31.8	33.1	34.4	35.6	36.7	38.4	41.1	43.6	45.9	50.5	57.8	64.7
14	2.21	34.2	35.6	37.0	38.3	39.5	41.4	44.3	46.9	49.4	55.0	63.5	71.0
15	2.30	36.9	38.4	39.9	41.3	42.6	44.6	47.7	50.6	53.3	58.7	67.2	75.2
20	2.66	49.3	51.3	53.2	55.1	56.9	59.5	63.6	67.5	71.1	78.2	89.6	100.0
30	3.25	74.0	77.1	80.0	82.8	85.5	89.4	95.6	101.0	107.0	118.0	149.0	151.0
40	3.76	98.8	103.0	107.0	110.0	114.0	119.0	127.0	135.0	143.0	157.0	198.0	202.0
50	4.28	123.00	128.00	133.00	138.00	142.50	149.00	159.00	168.50	178.00	196.00	224.50	251.00

Spray width depending on spray angle and distance

	Angle	Distance in cm										
		1	2	3	5	7	10	20	30	50	70	100
°												
5°		0.09	0.17	0.26	0.44	0.61	0.87	1.75	2.62	4.37	6.11	8.73
10°		0.17	0.35	0.52	0.87	1.22	1.75	3.50	5.25	8.75	12.25	17.50
15°		0.26	0.53	0.79	1.32	1.84	2.63	5.27	7.90	13.17	18.43	26.33
20°		0.35	0.71	1.06	1.76	2.47	3.53	7.05	10.58	17.63	24.69	35.27
25°		0.44	0.89	1.33	2.22	3.10	4.43	8.87	13.30	22.17	31.04	44.34
40°		0.73	1.46	2.18	3.64	5.10	7.28	14.56	21.84	36.40	50.96	72.79
65°		1.27	2.55	3.82	6.37	8.92	12.74	25.48	38.22	63.71	89.19	127.41
80°		1.68	3.36	5.03	8.39	11.75	16.78	33.56	50.35	83.91	117.47	167.82
110°		2.86	5.71	8.57	14.28	19.99	28.56	57.13	85.69	142.81	199.94	285.63



EasyClean Stakedyser

Bredt utvalg av stakedyser/rensedyser for kloakk/avløp, foringsrør, frosne rør etc. Husk å sjekke åpning på eksisterende dyse , evt oppgi tilgjengelig/ønsket trykk/ vannmengde på maskin.



Nozzles without centric hole

With 3 or 4 rear jets (30°) for maximum thrust and simultaneously, a flushing away of the waste material. Stainless steel.



1/8" F. Ø 15 mm. Stainless steel



1/4" F. Ø 19 mm. Stainless steel



3/8" F. Ø 24 mm. Stainless steel

D
035
04
045
05
055
06
07
090
12

R+M Nr.
650 01
650 05
650 00
650 09
650 10
650 40

R+M Nr.
651 05
651 04
651 00
651 08
651 16
651 10
651 40
651 48

R+M Nr.
651 84

Nozzles with centric hole

Cleaning of clogged pipes. With centric front jet and 3 or 4 rear jets (30°).

Front jet for penetrating of completely clogged pipes and frozen pipelines, rear jets for flushing away of the waste material. Stainless steel.



1/8" F. Ø 15 mm. Stainless steel



1/4" F. Ø 19 mm. Stainless steel



3/8" F. Ø 24 mm. Stainless steel

D
035
04
045
05
055
06
065
075
08
090
10
11
12
15
20

R+M Nr.
120 155 375
122 370 170
650 60
650 50
650 55
650 56
650 20
650 30

R+M Nr.
651 14
651 12
651 13
651 15
651 18
651 20
651 25
651 30
651 46

R+M Nr.
651 88
651 87
651 89
651 86
651 85
651 83
651 82
651 81



Rotating nozzles ST-49.1 without centric hole



1/8" F. (Ø) 19 mm



1/4" F. (Ø) 19 mm



3/8" F. (Ø) 24 mm

(D)
04
045
05
055
06
07
08
090
10
12
15
20

R+M Nr.
200 049 825
200 049 830
200 049 835
200 049 840
200 049 845
200 049 850

R+M Nr.
200 049 794
200 049 795
200 049 800
200 049 805
200 049 810
200 049 815
200 049 820
651 61 *
651 62 **

R+M Nr.
200 049 860
200 049 870
200 049 880
200 049 890
200 049 891
200 049 892
200 049 893
200 049 894
200 049 895

ST-49.1 with centric hole



3/8" F. (Ø) 24 mm

(D)
10
12
15
18

R+M Nr.
200 049 896
200 049 897
200 049 898
200 049 899

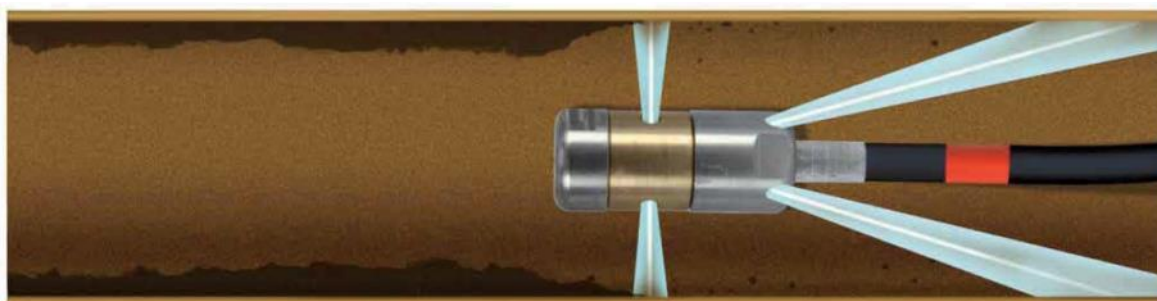
Suttner mini rotating nozzles for sewer cleaning ST-49.3

1/8" F. Nozzle with thrust. (Ø) 12 mm.
 Ideal for cleaning or flushing out pipes as well as adjoining lateral pipes at any angle. Small pump capacities required, only. 2 rotating radial jets (90°) to the pipe wall for best cleaning results. 2 rotating rear jets (45°) for forward thrust and flushing away of the waste material. Suitable for pipes from 14 - 50 mm. Hardened stainless steel. Max. 500 bar

- Applications:**
- » Cleaning of deposits
 - » Cleaning of grease, fat and organic deposits
 - » To clean heat exchangers



R+M Nr.	(D)
200 049 950	05
200 049 970	07



Made out of wear-resistant, hardened stainless steel provided with front jet insert or blind plug (interchangeable). Angle of jet is 30°, sturdy wall thickness, long service life and a minimum of wear and tear. All nozzles are provided with hardened stainless steel inserts. Due to this feature the

efficiency is considerably higher compared with those nozzles with drilled holes and the service life is several times longer.
Max. 500 bar

Applications:

- » Suitable for removal of sludge deposits
- » Desilting of pipes
- » Opening of frozen pipelines



1/4" F.
Outside \varnothing 25 mm.
6 rear jets, with front jet

R+M Nr.	D
649 030 216 060	060
649 030 216 080	080
649 030 216 100	100
649 030 216 120	120
649 030 216 150	150
649 030 216 200	200



3/8" F.
Outside \varnothing 30 mm.
4 rear jets, with front jet

R+M Nr.	D
649 030 314 060	060
649 030 314 080	080
649 030 314 100	100
649 030 314 120	120
649 030 314 150	150
649 030 314 200	200



3/8" F.
Outside \varnothing 30 mm.
6 rear jets, with front jet

R+M Nr.	D
649 030 316 060	060
649 030 316 080	080
649 030 316 100	100
649 030 316 120	120
649 030 316 150	150
649 030 316 200	200



1/2" M. MR cone.
Outside \varnothing 30 mm.
6 rear jets, with front jet

R+M Nr.	D
649 040 416 060	060
649 040 416 080	080
649 040 416 100	100
649 040 416 120	120
649 040 416 150	150
649 040 416 200	200



1/2" F.
Outside \varnothing 30 mm.
6 rear jets, with front jet

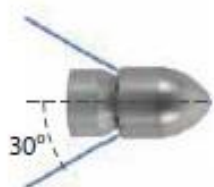
R+M Nr.	D
649 030 416 060	060
649 030 416 080	080
649 030 416 100	100
649 030 416 120	120
649 030 416 150	150
649 030 416 200	200
649 030 416 315	315



3/4" F.
Outside \varnothing 38 mm.
6 rear jets, with front jet

R+M Nr.	D
649 030 516 100	100
649 030 516 120	120
649 030 516 150	150
649 030 516 170	170
649 030 516 200	200
649 030 516 250	250

Jet angle INFO



30° = more efficient wall cleaning



20° = better traction

Stainless steel. Brazen rotating body. Excellent cleaning by rotating nozzle jets. Exchangeable inserts included.

Excellent pulling power by min. 4 return beams specially placed. Pressure max. 350 bar.



1/4" F. 4 rear jets. 3 side jets.
Outside \varnothing 30 mm.
⊗ 317 g.

3/8" F. 4 rear jets. 3 side jets.
Outside \varnothing 30 mm.
⊗ 307 g.

1/2" F. 5 rear jets. 3 side jets.
Outside \varnothing 38 mm. ⊗
585 g.

3/4" F. 6 rear jets. 3 side jets.
Outside \varnothing 38 mm.
⊗ 554 g.

R+M Nr.	D	⊗
649 050 234 060	060	69 mm
649 050 234 080	080	69 mm
649 050 234 105	105	69 mm
649 050 234 130	130	69 mm
649 050 234 150	150	69 mm
649 050 234 200	200	69 mm

R+M Nr.	D	⊗
649 050 334 080	080	69 mm
649 050 334 105	105	69 mm
649 050 334 130	130	69 mm
649 050 334 150	150	69 mm
649 050 334 200	200	69 mm
649 050 334 250	250	69 mm

R+M Nr.	D	⊗
649 050 435 100	100	84 mm
649 050 435 120	120	84 mm
649 050 435 150	150	84 mm
649 050 435 200	200	84 mm
649 050 435 250	250	84 mm
649 050 435 300	300	84 mm

R+M Nr.	D	⊗
649 050 536 130	130	84 mm
649 050 536 150	150	84 mm
649 050 536 200	200	84 mm
649 050 536 250	250	84 mm
649 050 536 300	300	84 mm
649 050 536 375	375	84 mm

ST-49.2 VIBRA Rotating nozzles

Stainless steel. Brazen rotating body. Excellent cleaning by rotating nozzle jets and vibration for the reduction of the friction between hose and pipe wall. Exchangeable inserts included.

Excellent pulling power by min. 4 return beams specially placed. Pressure max. 350 bar.



1/4" F. 4 rear jets. 3 side jets.
Outside \varnothing 30 mm.
⊗ 314 g.

3/8" F. 4 rear jets. 3 side jets.
Outside \varnothing 30 mm.
⊗ 305 g.

1/2" F. 5 rear jets. 3 side jets.
Outside \varnothing 38 mm.
⊗ 580 g.

3/4" F. 6 rear jets. 3 side jets.
Outside \varnothing 38 mm.
⊗ 550 g.

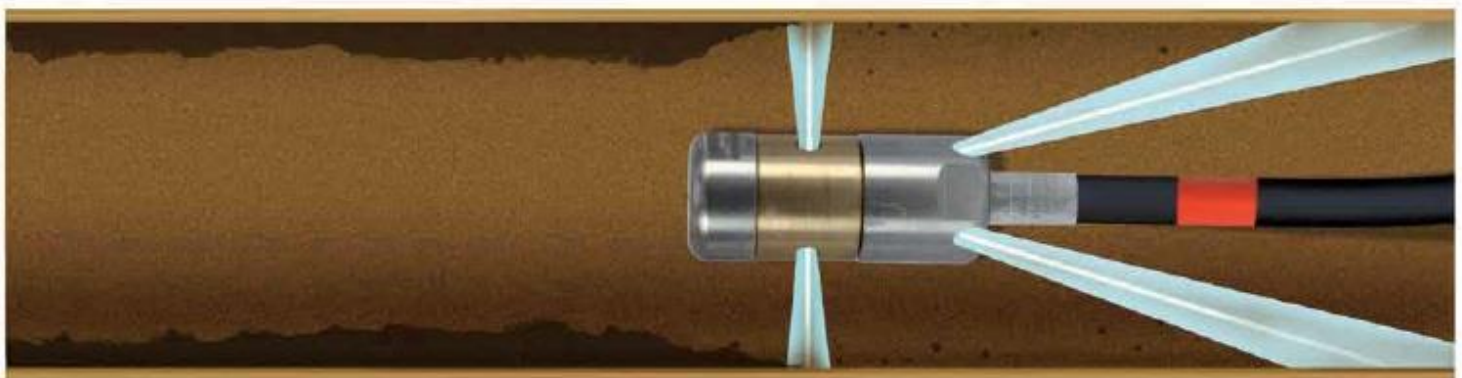
R+M Nr.	D	⊗
649 070 234 060	060	69 mm
649 070 234 080	080	69 mm
649 070 234 105	105	69 mm
649 070 234 130	130	69 mm
649 070 234 150	150	69 mm
649 070 234 200	200	69 mm

R+M Nr.	D	⊗
649 070 334 080	080	69 mm
649 070 334 105	105	69 mm
649 070 334 130	130	69 mm
649 070 334 150	150	69 mm
649 070 334 200	200	69 mm
649 070 335 250	250	69 mm

R+M Nr.	D	⊗
649 070 435 100	100	84 mm
649 070 435 130	130	84 mm
649 070 435 150	150	84 mm
649 070 435 200	200	84 mm
649 070 435 250	250	84 mm
649 070 435 300	300	84 mm

R+M Nr.	D	⊗
649 070 536 130	130	84 mm
649 070 536 150	150	84 mm
649 070 536 200	200	84 mm
649 070 536 250	250	84 mm
649 070 536 300	300	84 mm
649 070 536 375	375	84 mm

Functional principle





Stainless steel.
Max. 310 bar / 45 l/min / 150 °C

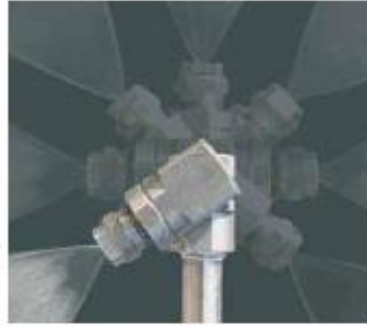
R+M Nr.	⊗	⊕
200 330 500	1/4" F NPT	1/4" F
200 330 510	1/4" F	1/4" M



Stainless steel.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	⊗	⊕
200 330 600	tip nozzle	18 x 1.5 F

- » Swivel it easily!
- » Used for cleaning of places which are difficult to access such as container e.g. feeding troughs and gutters.
- » Effortless and variable shifting of the swivel direction.
- » Completely made out of stainless steel.
- » Capable of swivelling by up to 240°.



Düsenhalter schwenkbar. Stainless steel. Max. 250 bar / 40 l/min / 90 °C

R+M Nr.	⊗	⊕
519 814 140	1/4" F NPT	1/4" M NPT

EasyClean Vinkeldyse

For HT vasking der det er vanskelig å komme til, som for eksempel rør, takrenner, hjørner etc. Opp til 240grader.



EasyClean Teleskopisk lanse

Lett og letthåndterlig! Justerbar høyde, opp til 7,4m. For fasadevask/takvask etc. Avlastningsbelte er tilgjengelig som ekstrautstyr.



R+M Nr.	⊗	⊕	↔	⊕
525 070 8	2.4 kg	1/4" M	2.3 - 3.8 m	3/8" F
525 085 8	4.3 kg	1/4" M	2.3 - 5.6 m	3/8" F
525 100 8	5.4 kg	1/4" M	2.9 - 7.4 m	3/8" F

Nedleggbar håndtak for enkel transport.



R+M Nr.	Ø	G	P
521 052 400	520 mm	1/4" F	max. 275 bar

R+M Nr.	Ø	G	P	incl.
521 075 300	750 mm	1/4" F	max. 275 bar	-
521 075 301	750 mm	3/8" F	max. 275 bar	ST-2600
521 075 302	750 mm	M22 F	max. 275 bar	-
521 075 303	750 mm	Plug KW	max. 275 bar	-

EasyClean Wallcleaner



- » Rotating wall cleaner suitable for telescopic lances
- » Splash guard stainless steel with rubberlip or brush strips
- » Splash guard Ø 300 mm
- » Without nozzles. 2 nozzles 1/4" M with 15° spray angle are required
- » Max. 250 bar / 90 °C

R+M Nr.	G	TYP	Ø
521 032 251	M22 M	rubberlip	1,9 kg
521 032 254	M22 M	brush strips	1,9 kg
521 032 256	M18 F	K rubberlip	1,9 kg
521 032 255	M18 F	K brush strips	1,9 kg
521 032 258	1/4" F	rubberlip	1,9 kg
521 032 257	1/4" F	brush strips	1,9 kg

Med vinkelsvivel på lanseinnfestning , for enklere bruk.

Maks 1800l/timen/60grader. Ø:410mm.



R+M Nr.	Ø	G	P
521 042 400	410 mm	1/4" F	max. 275 bar

EasyClean RoofCleaner

Rustfri utførelse. Egen ramme for maks stabilitet. Justerbar spylehøyde. Maks 2400l/timen/120grader. Ø:520mm.



Housing stainless steel. Valve stainless steel. Rubber feet. Max. 500 bar / 80 l/min / 150 °C

R+M Nr.	∅	G	P
108 809 72	520 mm	3/8" F	max. 350 bar
108 809 73	520 mm	3/8" F	max. 500 bar

R+M Nr.	S	G
200 550 600	1/4" F	1/4" F
200 550 620	M22 F	M22 M

Mosmatic cleaning head TRS

- » If water pressure is produced the rotor arms start turning by themselves. The arm rotates by means of the repulsive force of the water jet and does not need any additional drive.
- » Completely made out of stainless steel, with swivel DYT.
- » Nozzles are excluded. 4 EG nozzle tips are required.

Mosmatic rotor arms

- » Completely made out of stainless steel. Light, rugged and welded by robots. Available as part or surface cleaner.
- » Further versions are available on request.
- » Inlet 3/8" F. Outlet: 1/4" F
- » Max. 250 bar / 120 °C



Inlet 3/8" F. Max. 170 bar / 120 °C

R+M Nr.
108 819 19



R+M Nr.	∅
108 827 05	100 mm
108 827 07	200 mm
108 827 09	300 mm
108 827 11	400 mm
108 827 13	500 mm
108 827 15	600 mm

EasyClean Mudsucker

Høytytende slam/sand/alge suger for standard HT spylere.

Suger opp steiner opp til 20mm gjennom en Ø38mm slange ved hjelp av sugefunksjonen skapt av HT.

Min. 80bar/7ltr min.

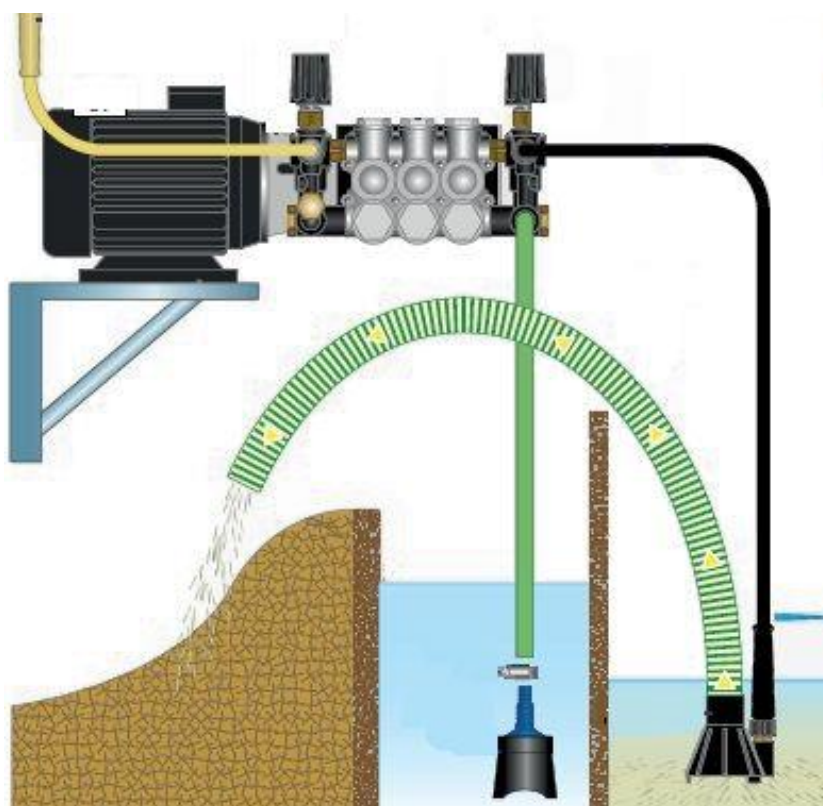
Sugekapasitet ca mellom 8000-18000 l/h, avhengig av ytelse på HT.

5m sugeslange/HT slange.

Kan leveres med ulike HT koblinger.



	M22 M	M21 M	1/2" M	M18 M	Plug KW																						
⌀	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	⌀	HP hose																				
04	545 504 0	545 514 0	545 524 0	545 534 0	545 545 5	055	5 m																				
045	545 504 5	545 514 5	545 524 5	545 534 5	545 546 0	06	5 m																				
05	545 505 0	545 515 0	545 525 0	545 535 0	Performance chart <table border="1"> <thead> <tr> <th colspan="2">high pressure cleaner</th> <th colspan="2">capacity of mud sucker</th> </tr> <tr> <th>[P]</th> <th>[Q]</th> <th>capacity</th> <th>capacity</th> </tr> </thead> <tbody> <tr> <td>100 bar</td> <td>10 l/min</td> <td>ca. 170 l/min</td> <td>ca. 10,000 l/h</td> </tr> <tr> <td>150 bar</td> <td>12 l/min</td> <td>ca. 220 l/min</td> <td>ca. 13,000 l/h</td> </tr> <tr> <td>200 bar</td> <td>15 l/min</td> <td>ca. 300 l/min</td> <td>ca. 18,000 l/h</td> </tr> </tbody> </table>			high pressure cleaner		capacity of mud sucker		[P]	[Q]	capacity	capacity	100 bar	10 l/min	ca. 170 l/min	ca. 10,000 l/h	150 bar	12 l/min	ca. 220 l/min	ca. 13,000 l/h	200 bar	15 l/min	ca. 300 l/min	ca. 18,000 l/h
high pressure cleaner		capacity of mud sucker																									
[P]	[Q]	capacity	capacity																								
100 bar	10 l/min	ca. 170 l/min	ca. 10,000 l/h																								
150 bar	12 l/min	ca. 220 l/min	ca. 13,000 l/h																								
200 bar	15 l/min	ca. 300 l/min	ca. 18,000 l/h																								
055	545 505 5	545 515 5	545 525 5	545 535 5																							
06	545 506 0	545 516 0	545 526 0	545 536 0																							
065	545 506 5	545 516 5	545 526 5	545 536 5																							
07	545 507 0	545 517 0	545 527 0	545 537 0																							
08	545 508 0	545 518 0	545 528 0	545 538 0																							







M22 M. Stainless steel. Grain size of the sand 0.4 - 0.8 mm. Pipe 500 mm with suction quantity control and hose DN 12, 4 m. 2.3 kg.
Max. 500 bar



Rep. kits Sandblaster ST-555



3 nozzles M4. Hardened stainl. steel

D	R+M Nr.
03	200 555 430
04	200 555 440
055	200 555 455
065	200 555 465
075	200 555 475



Sand blasting nozzle

R+M Nr.
200 555 410



R+M Nr.	G	S
561 922 200	M20 F	M22 F



R+M Nr.	G	S
561 922 220	M22 F	M22 F

D	R+M Nr.
03	200 555 530
04	200 555 540
055	200 555 555
065	200 555 565
075	200 555 575

One tool, six blasting agents, numerous applications:

The sandblaster is suitable for dust-free blasting of the following solids with a grain size ranging from 0.4 to 1.2 mm:

- » **Glass beads**
for cleaning of copper and bronze as well as polishing of stainless steel
- » **Glass powder**
for cleaning of stainless steel and natural stone or for removal of graffiti from light surfaces
- » **Slag (fine)**
for cleaning of sandstone or brick as well as removal of graffiti from dark surfaces
- » **Slag (coarse)**
removal of rust from metals or of old coatings and paintings. cleaning and grinding of concrete surfaces
- » **Sodium carbonate (water-soluble)**
cleaning of sensitive surfaces such as aluminium, glass, plastics, stainless steel
- » **Mineral blasting agent (sand)**
removal of rust from metals or of old coatings and paintings. Cleaning and grinding of concrete surfaces. Varnish removal.



Sandblast head ST-55 with regulator

Sand nozzle ST-55



Grain size of the sand 0.2 - 0.8 mm.
Lance 500 / 600 mm.
Suction hose 4 / 5 m.
With or without grip aside.
Max. 200 bar

Hardened stainless steel

R+M Nr.
200 055 495



1/4" M lance 500 mm without grip hose 4 m	1/4" M lance 600 mm with grip hose 5 m	M22 F lance 600 mm with grip hose 5 m	M21 F lance 600 mm with grip hose 5 m	M22 M lance 600 mm with grip hose 5 m	Nippel KW lance 600 mm with grip hose 5 m	M22 M lance 430 mm without grip hose 5 m	M18 F without lance without grip hose 5 m
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D	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
04	new	520 824 0	520 844 0	520 834 0	520 814 0	520 874 0	520 804 0	520 854 0
045		520 824 5	520 844 5	520 834 5	520 814 5	520 874 5	520 804 5	520 854 5
05		520 825 0	520 845 0	520 835 0	520 815 0	520 875 0	520 805 0	520 855 0
055		520 825 5	520 845 5	520 835 5	520 815 5	520 875 5	520 805 5	520 855 5
06	200 055 606	520 826 0	520 846 0	520 836 0	520 816 0	520 876 0	520 806 0	520 856 0
065		520 826 5	520 846 5 K	520 836 5 W	520 816 5	520 876 5 A	520 806 5 Kr	520 856 5 K

Symbols length inlet material nozzle thread

Hand wash brush



Brush with integrated water flow. Connection suitable for 16 mm (universal). Ideal for smaller cleaning applications. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 103	350 mm	polyester	max. 50 °C

wash brush swivelling

Rim brush for trucks / busses



Brush for the cleaning of rims of trucks and busses. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 102	230 mm	polyester	max. 50 °C

wash brush

High-low wash brush



The form of the brush assures that the bristles are in constant contact with the surface. The brush is equipped with a rubber edge. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 104	250 mm	polyester	max. 50 °C



Brush with swivel. The inclined/slanted bristles ensure that all corners can be reached. The brush is equipped with a rubber edge. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 101	200 mm	polyester	max. 50 °C



Solid brush suitable for larger surfaces. Suitable for cleaning of upper areas. The brush is equipped with a rubber edge. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 109	260 mm	polyester	max. 50 °C



Solid brush suitable for larger surfaces. Suitable for cleaning of upper areas. The brush is equipped with a rubber edge. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	(M)	°C
527 001 100	400 mm	polyester	max. 50 °C



Hose tail for 1/2" hose

R+M Nr.	(M)
527 003 001	nickel-plated brass



Plug 1/2" M

R+M Nr.	(M)
527 003 003	nickel-plated brass

EasyClean Vaskebørster/system

Ulike børster for mekanisk vask av større biler/lastebiler/busser/verkstedgolv/svaber. Passer på standard og teleskopisk aluminium skaft

Workshop broom



Wooden cover with screwed socket for handles. Suitable for sweeping wet and oily waste.

R+M Nr.	↔	(M)	°C
527 001 418	665 mm	PVC	60 °C

Floor squeegees



Effective floor squeegee for water and oil. Oil-resistant rubber. With connection for aluminum handles.

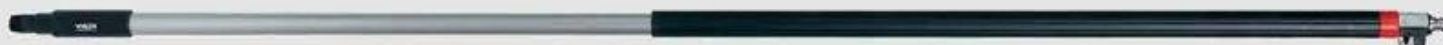
R+M Nr.	↔	(M)	°C
527 001 302	600 mm	PP/rubber	50 °C

Handles with water flow



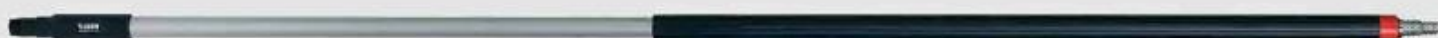
Aluminium handle. Ergonomic handle with insulated grip. Connector suitable for Nito system

R+M Nr.	∅	↔	M	°C
527 001 405	34 mm	1020 mm	aluminium	max. 50 °C



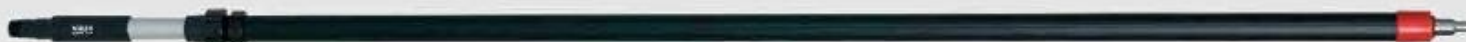
Aluminium handle. Ergonomic handle with insulated grip and ball valve. Connector suitable for Nito system

R+M Nr.	∅	↔	M	°C
527 001 406	34 mm	1630 mm	aluminium	max. 50 °C



Aluminium handle. Ergonomic handle with insulated grip. Hose tail suitable for 1/2" and 3/4" hose

R+M Nr.	∅	↔	M	°C
527 001 400	34 mm	1600 mm	aluminium	max. 50 °C



Aluminium handle. Telescopic handle with insulated grip. Hose tail suitable for 1/2" and 3/4" hose

R+M Nr.	∅	↔	M	°C
527 001 402	50 mm	1630 - 2750 mm	aluminium	max. 50 °C

Handles without water flow



Aluminium handle. Ergonomic handle with insulated grip

R+M Nr.	∅	↔	M	°C
527 001 403	34 mm	1500 mm	aluminium	max. 50 °C



Aluminium handle. Telescopic handle with insulated grip

R+M Nr.	∅	↔	M	°C
527 001 401	50 mm	1630 - 2750 mm	aluminium	max. 50 °C

EasyClean Skum

Effektiv rengjøring for de fleste områder!

Ved å blande vann, kjemikaler og luft kan du få en optimal rengjøringseffekt.

Skuminjektorer forenkler ofte kjemikalepåføringen, det gir deg en mekaniske virkning ved skummets bevegelser, det indikerer veldig tydelig hvor det er påført vaskemiddel og det dekker store flate på en effektiv måte!

Den rimeligste og enkleste løsningen er en skuminjektor med egen tank som monteres foran på HT pistol.

Vår EasyClean ST73 er en solid og effektiv skummer.

For større anlegg så vil det være mere hensiktsmessig å montere en injektor fast på veggen knyttet opp mot slangetromler, egne rør-anlegg eller kombianlegg. Vi har da skuminjektorer som ST161, ST168 og ST164.



easyclean





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

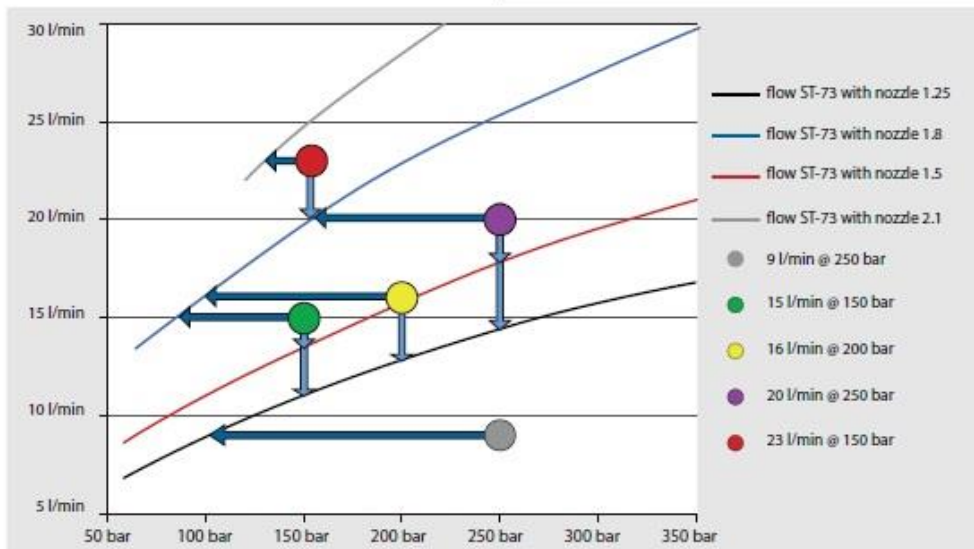


1/4" F. Foam injector lance with regulator and bottle. Max. 300 bar / 80 °C

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

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

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



Plug KW : 1/4" M. stainless steel

R+M Nr. 040 001 256

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



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



Bottle adapter

R+M Nr.
020 073 530



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

R+M Nr.
200 073 425

* 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

LS10



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

R+M Nr.	(D)	(C)
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

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

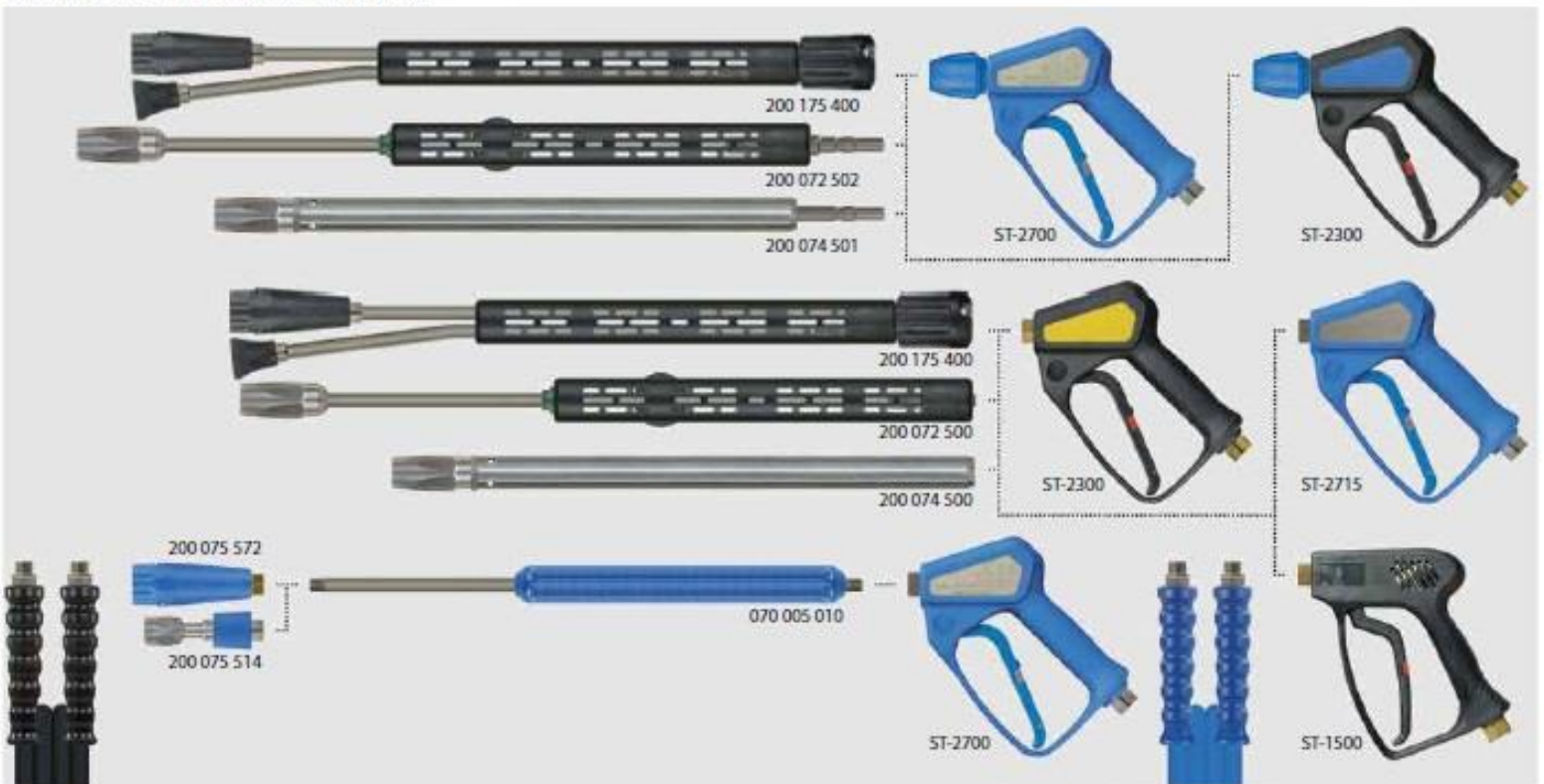
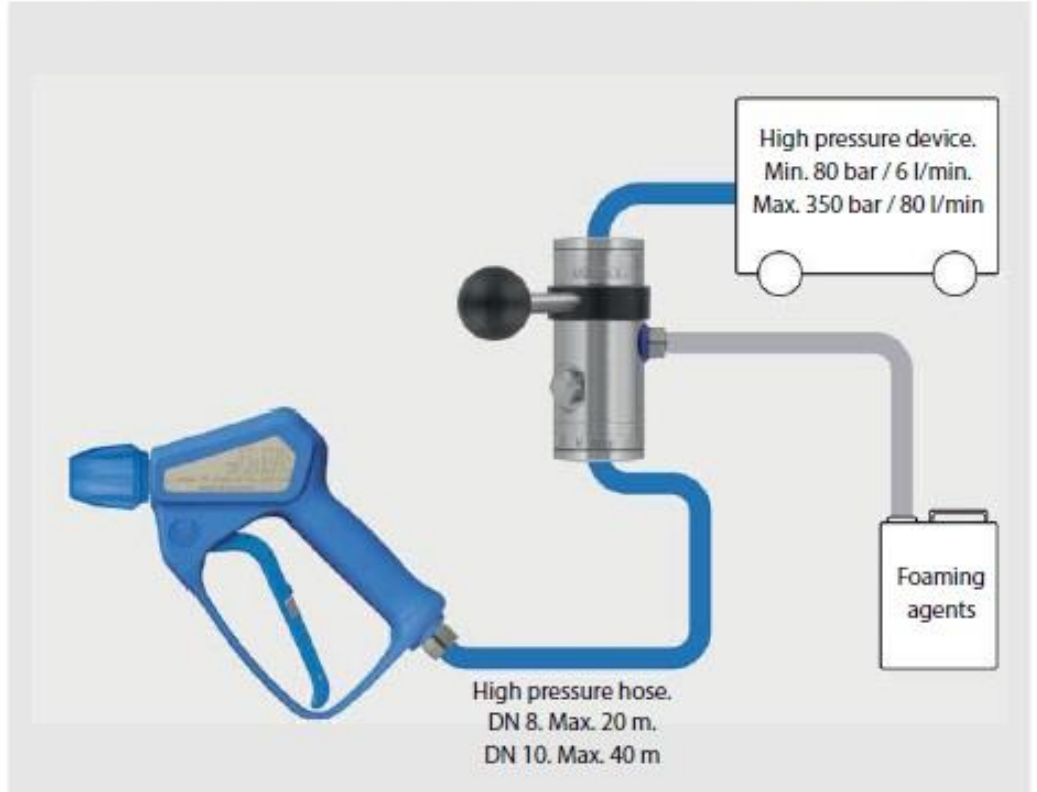
Assembly scheme easyfoam365+ bypass injectors ST-167 without compressed air module



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+ 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 (bluflood) 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

R+M Nr.	Ø
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



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.	Ø
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

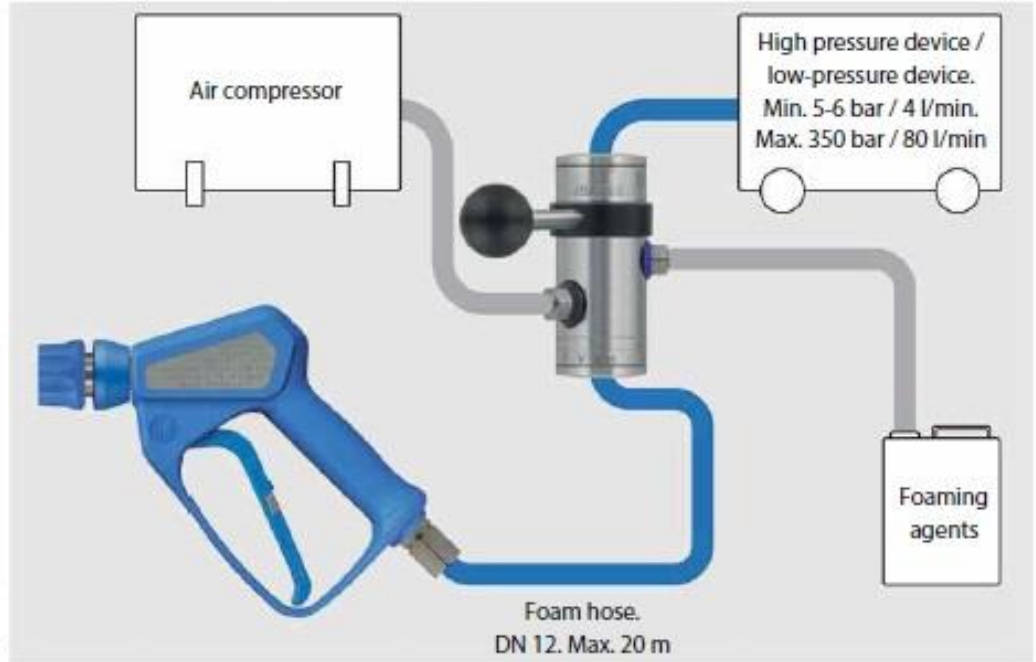
Assembly scheme easyfoam365+ bypass injectors ST-168 with compressed air module



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).

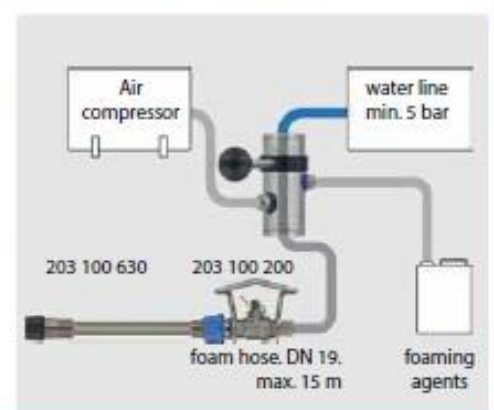


Have you already known? ...that our bypass injector ST-168 can also be operated with water line pressure.

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 - 5 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.



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, piggery, 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. 5 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 (bluflood) 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.

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

The dosing is adjusted by one of the 10 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 10 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 10 exchangeable nozzle inserts (0.5 - 2 mm). Max. 350 bar / 100 °C

Injectors with compressed air module



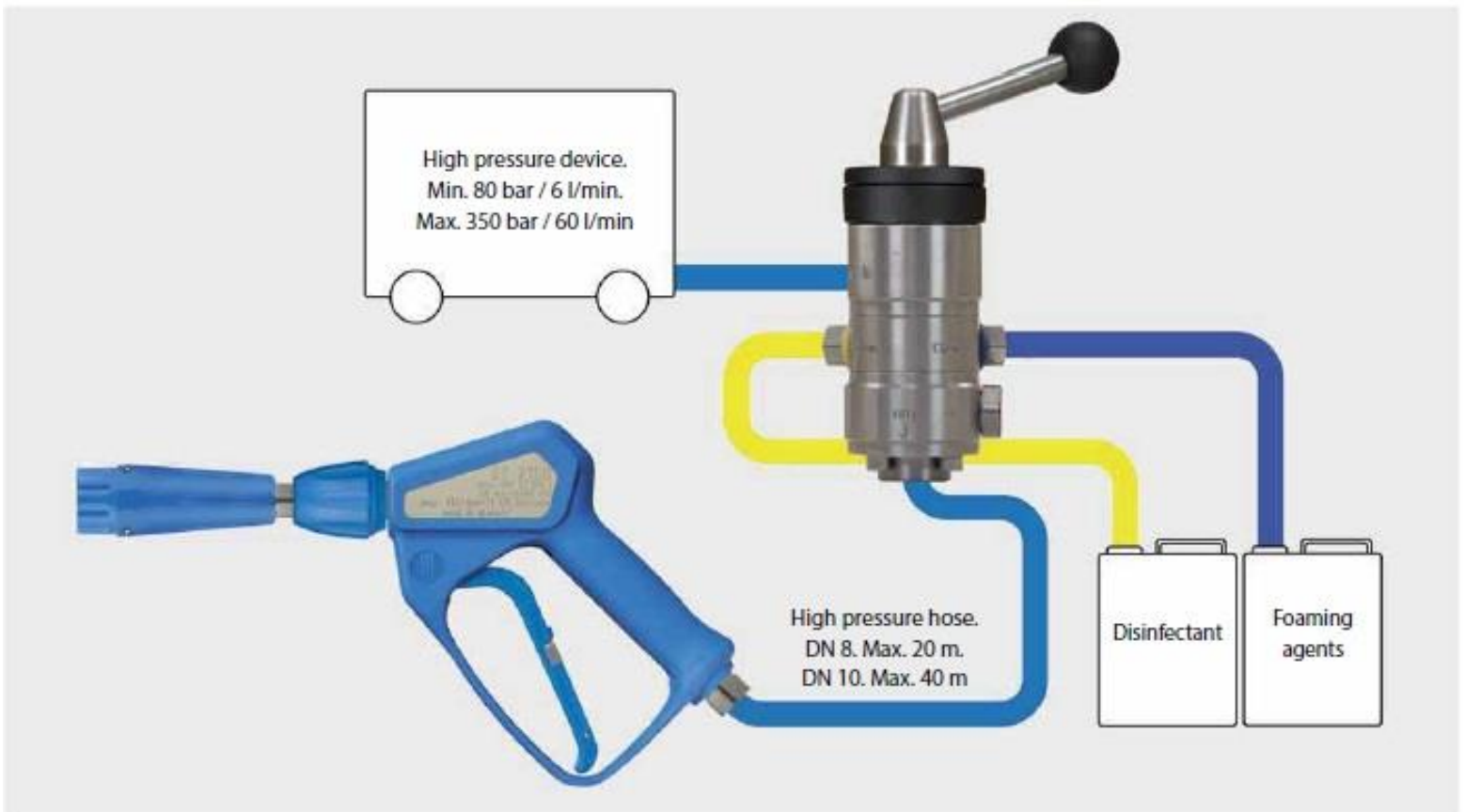
3/8" F : 1/2" F : 2 x Hose tail 9 mm : compressed air module (1/4" M). The chemical dosing is adjusted by the metering valve ST-161. Max. 350 bar / 100 °C

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

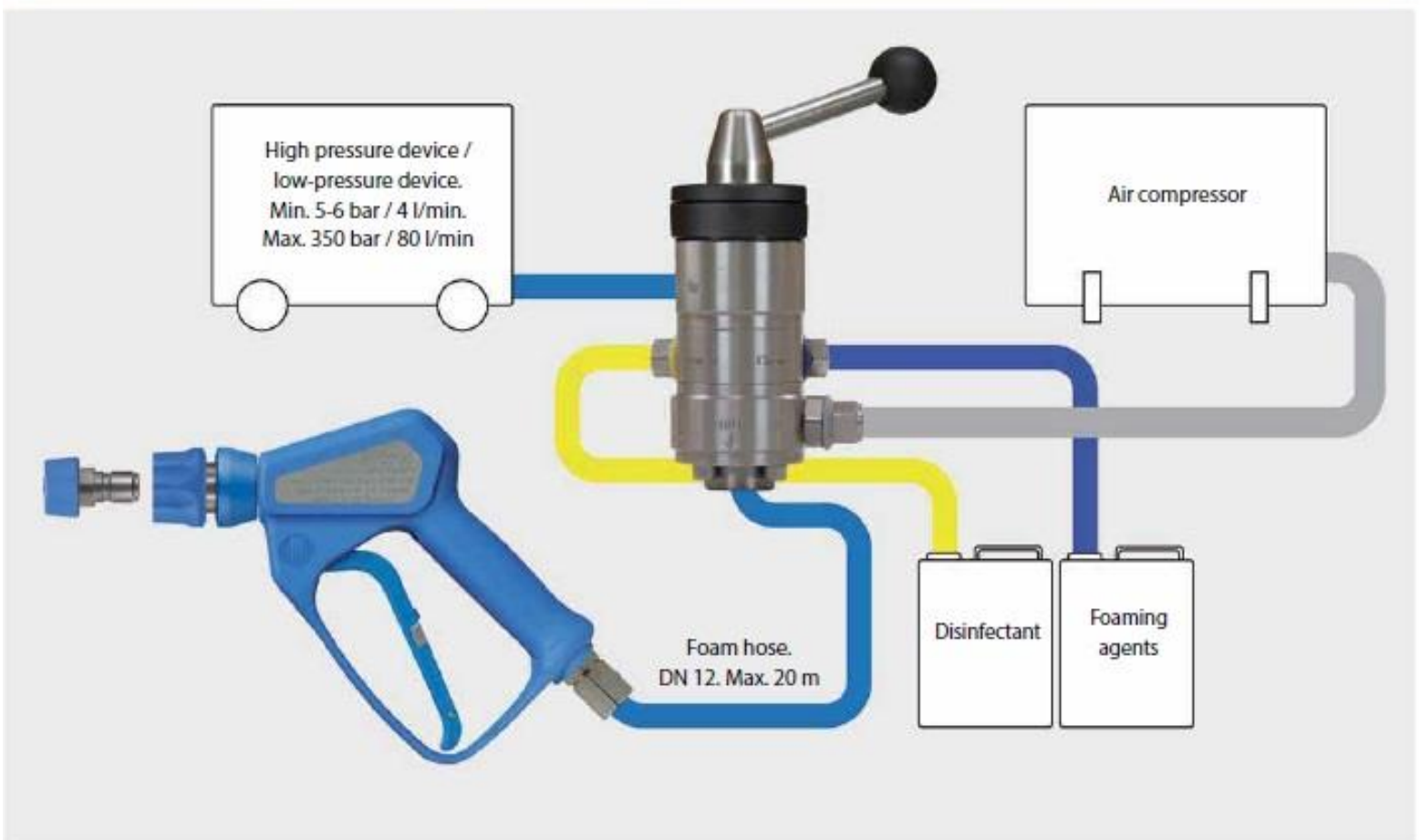
R+M Nr.	(D)
200 164 580	1.3 mm
200 164 582	1.4 mm
200 164 583	1.5 mm
200 164 584	1.6 mm
200 164 585	1.7 mm
200 164 586	1.8 mm
200 164 587	1.9 mm
200 164 588	2.0 mm
200 164 589	2.1 mm
200 164 590	2.2 mm
200 164 591	2.3 mm
200 164 592	2.4 mm
200 164 593	2.5 mm
200 164 594	2.8 mm

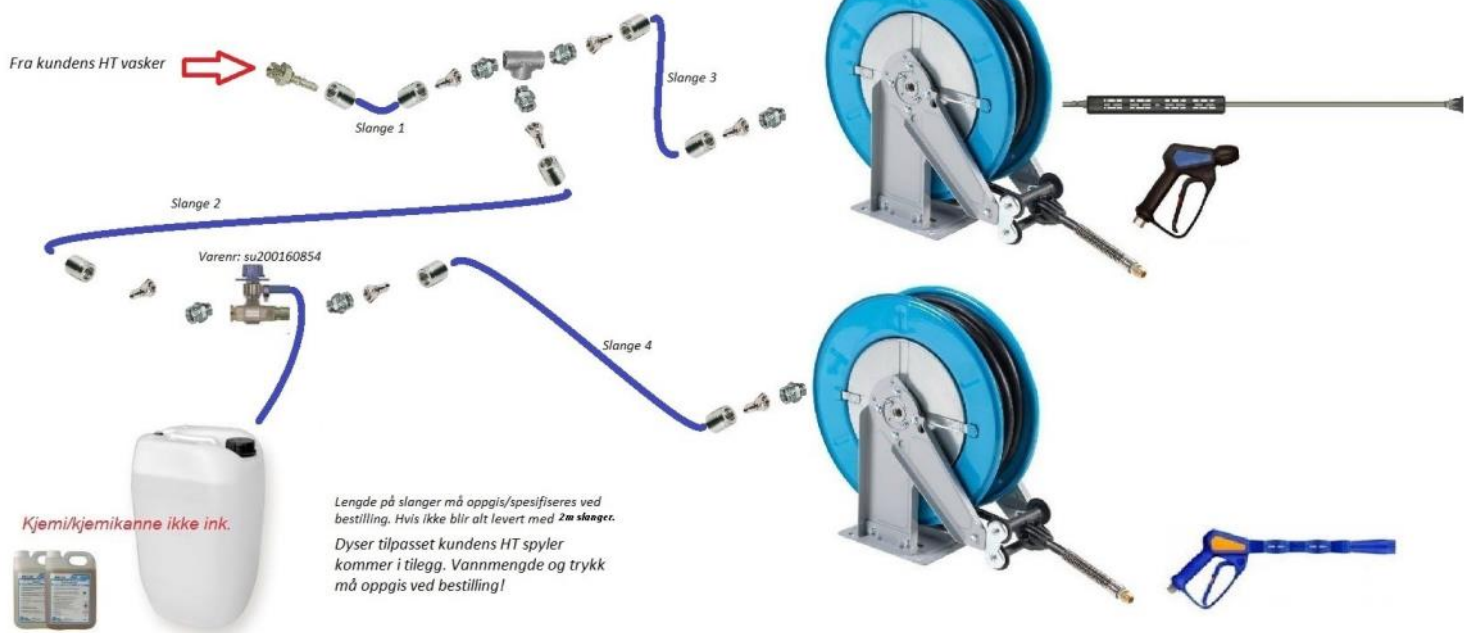
R+M Nr.	(D)
200 164 600	1.3 mm
200 164 602	1.4 mm
200 164 603	1.5 mm
200 164 604	1.6 mm
200 164 605	1.7 mm
200 164 606	1.8 mm
200 164 607	1.9 mm
200 164 608	2.0 mm
200 164 609	2.1 mm
200 164 610	2.2 mm
200 164 611	2.3 mm
200 164 612	2.4 mm
200 164 613	2.5 mm
200 164 614	2.8 mm

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



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





EasyClean Skuminjektor

ST160 injektor. Med justerbar mengderegulering.

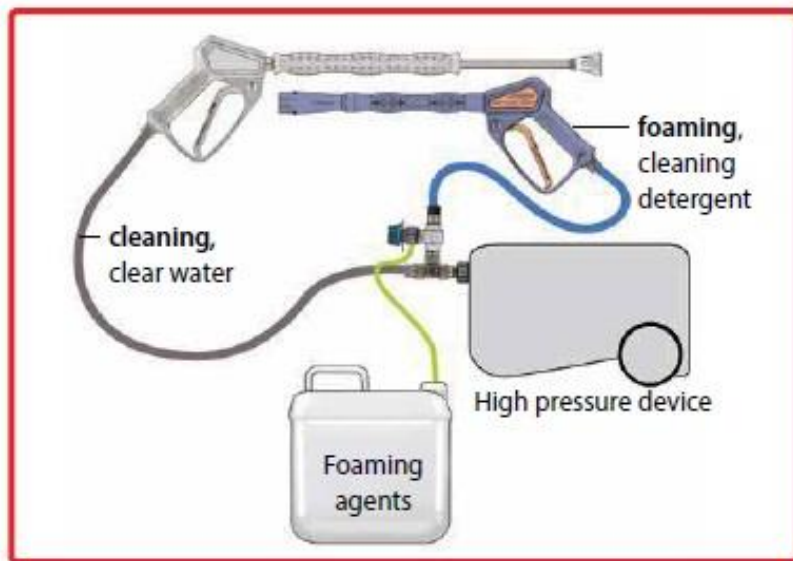


3/8" F : 3/8" M : hose tail 9 mm.

Injector ST-160 with metering valve ST-161.

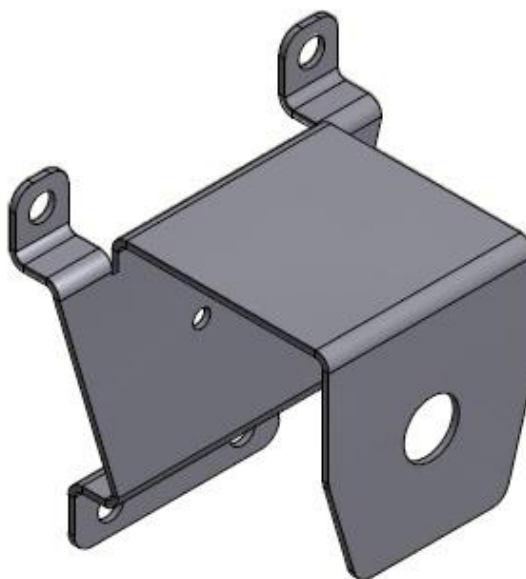
Max. 350 bar / 90 °C

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



EasyClean Veggbrakett for skuminjektor

Passer ST160 injektor. Rustfritt.





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.	M
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

EasyClean ST175 Foam & Clean lanse

Med ventil som enkelt lar deg skifte mellom skum eller HT.



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.			
200 175 400	1/4" F	-	650 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.			
200 175 510	1/4" F	-	650 mm

EasyClean Komplet skumpistol

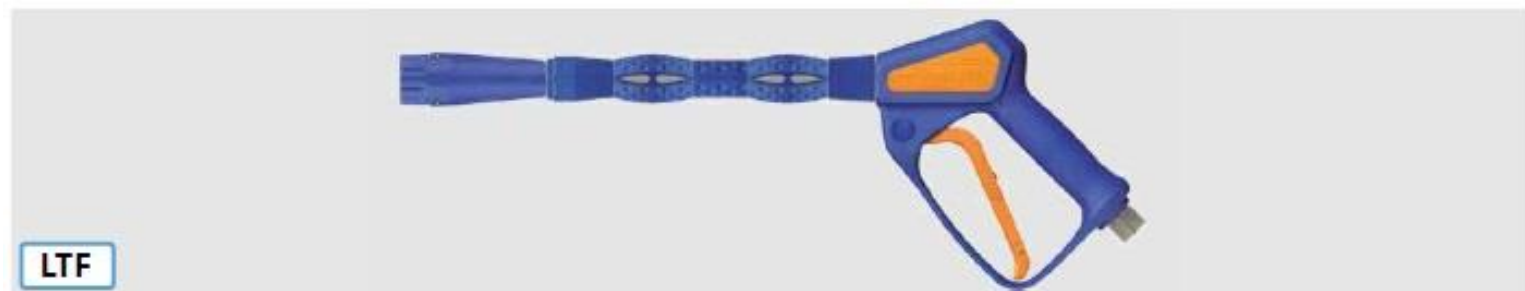
Sammenbygd skumhode/lanse/pistol for bilvask.

Solid lanse med LowTriggerForce pistol.

3/8" slangetilkobling(svivel). Standard levert m/1,9 dyse i ST75 skumhode .

Brukes sammen med for eksempel skuminjektor ST160.

God å holde i, lett å bruke!



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.			
202 600 918	foam head ST-75 (1.9 mm)	standard	3/8" F swivel

EasyClean Longcast skum

Langtskytende skumlanse.

Brukes sammen med skuminjektor.

Perfekt for fasader, tak, fjøs, store kjøretøy etc.

Kan leveres med ulike hurtigkoblinger eller komplett med lanse og/eller pistol.



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.

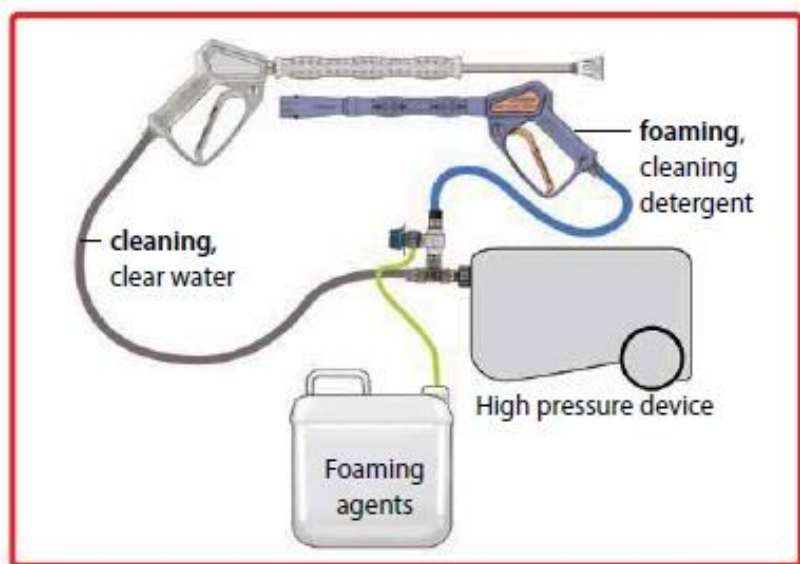
Min. 70 bar for use in combination with an easyfoam365+ injector unit.

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





EasyClean Skum sett

Sammenbygd skumhode/lanse/pistol .
ST160 injektor med hurtigkoblinger.
Sugeslange.
Husk riktig dyser til din HT spyler!



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
------------------------	--------------------------	---------------



- » 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.	8
710 000 163 389	14,0

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-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-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

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



Ball valve with safety guard. Stainless steel. Max. 140 bar / 80 °C

R+M Nr.	☺	☺
203 100 200	1/2" F	ST-3100

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

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

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.	I
040 005 661	47 mm



Nozzle protector

R+M Nr.
020 001 148



1/2" M. Brass. Foam nozzle

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



1/2" M. Stainless steel. Foam nozzle

R+M Nr.	D
502 803 19	50° 200



1/2" M. Brass. Foam nozzle

R+M Nr.	D
626 504	65° 150

Couplings and plug ST-3100



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

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

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



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

R+M Nr.	l
203 100 474	50 mm
203 100 655	45 mm



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

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

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



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

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

R+M Nr.	l
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.	l
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.	l
040 005 664	40 mm



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

DN	DN
M22	10

R+M Nr.	l
203 100 665	56 mm



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

R+M Nr.	l
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

Couplings "B"



Coupling : F. Stainless steel.
Max. 150 bar / 90 °C

DN	DN
1/2"	11

R+M Nr.	l
710 247 212 000	35 mm



Plug : M. Stainless steel.
Max. 150 bar / 90 °C

R+M Nr.	l
710 247 112 100	44 mm



O-ring. 13x2

R+M Nr.	l
710 247 112	



ST-82 e25 / 21 power-operated barrel cleaner CE



- » Inlet: M22 M
- » Pressure: max. 220 bar
- » Flow: max. 21 l/min
- » Temperature: 0 - 90 °C
- » Electric motor: 12 V =
- » Power supply: 230 V / 50 Hz
- » 10 m cable with plug
- » Beam coverage 360°
- » Weight: 3.2 kg
- » Nozzles are included in the scope of delivery

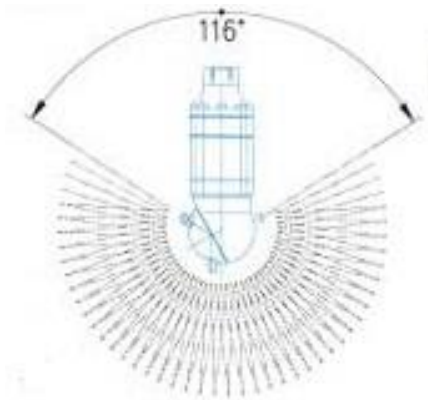
R+M Nr.
200 082 500



ST-82 h16/40 self rotating tank cleaner



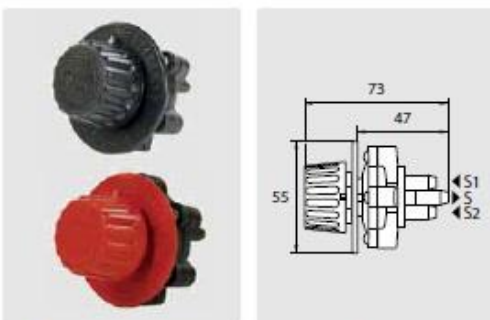
- » Inlet: 1/2" F
- » Pressure: 40 - 160 bar
- » Flow: 20 - 30 l / min
- » Temperature: 0 - 90 °C
- » Turns: 29 - 36 r.p.m
- » Beam coverage 244°
- » Weight: 3,6 kg
- » 3 nozzles needed 1/8" M NPT
- » Other versions on request 20-50 l/min



R+M Nr.	D	←	P
200 082 600	basic version without nozzle		
200 082 601	3 x 060	40 l/min	100 bar
200 082 602	3 x 030	21 l/min	110 bar
200 082 603	3 x 040	30 l/min	140 bar

Metering valves

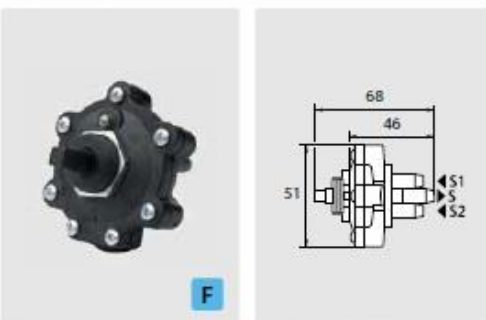
ST-66 with check valve



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 with check valve



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

R+M Nr.	TYP
200 066 515	without knob

Valves with spindle

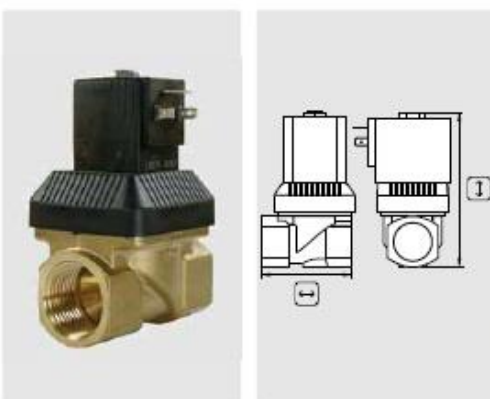


Max. 250 bar / 80 °C

R+M Nr.	⊙:⊕	TYP
535 10	1/4" F	without knob
535 15	1/4" F	with knob (panel mounting)

Solenoid valves Bürkert normally closed NC

Type 6213 without connector



0 - 10 bar / -10 - +90 °C.
NBR seal (air, water)

R+M Nr.	⊙	DN	coil	⊖	⊕
836 125 658	1/2"	13	24 V-50 Hz/8 W	59	99
836 125 660	1/2"	13	230 V-50 Hz/8 W	59	99
836 125 657	1/2"	13	24 V =	59	99
836 126 273	3/4"	13	24 V-50 Hz/8 W	59	99
836 126 275	3/4"	13	230 V-50 Hz/8 W	59	99
836 221 618	3/4"	13	24 V =	65	99
836 126 289	1"	20	24 V-50 Hz/8 W	80	119
836 126 291	1"	20	230 V-50 Hz/8 W	80	119

Coil type

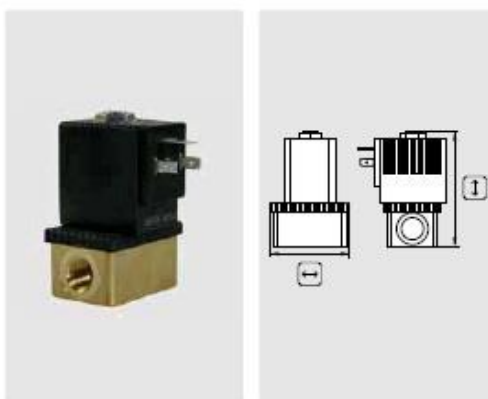
5281-6213



50 Hz

R+M Nr.	V
836 126 436	24 V/8 W
836 126 430	230 V/8 W

Type 6013 without connector



0 - 25 bar / -10 - +120 °C. FKM seal (hot air, oxygen, chemicals)

R+M Nr.	⊙	DN	coil	⊖	⊕
836 137 538	1/4"	2	24 V-50 Hz/8 W	49	72
836 137 540	1/4"	2	230 V-50 Hz/8 W	49	72
836 137 537	1/4"	2	24 V =	49	72

Coil type 6013



50 Hz

R+M Nr.	V
836 645 556	24 V/8 W
836 645 558	230 V/8 W

Connector



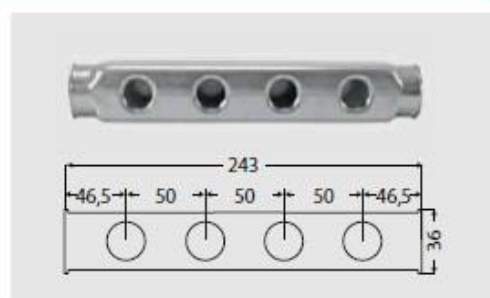
R+M Nr.
833 50

Distributor connector block



Stainless steel. 4 connections.
H x W x D: 36 x 243 x 40 mm. 390 g.
Max. 10 bar. 150 °C

R+M Nr.	4 x ⊙	⊕	⊖
725 041 012	1/2" F	1" F	1" F



Low pressure valves

Check valves & intake filter



YORK check valve. Valve nylon with rubber seal. Stainless steel spring. Avoids backflow in any position. 12 bar



R+M check valve. Valve nylon with rubber seal. Stainless steel spring. Avoids backflow in any position. 20 bar



Intake filter. Nylon thread. Stainless steel mesh

⊙
3/8"
1/2"
3/4"
1"
1.1/4"

R+M Nr.	⊙	I
733 00	46 mm	
733 05	46 mm	
733 20	52 mm	

R+M Nr.	⊙	I
733 004	44 mm	
733 054	48 mm	
733 104	53 mm	
733 204	58 mm	
733 304	66 mm	

R+M Nr.	⊙	I
732 80	18 mm	42 mm
732 70	22 mm	38 mm
732 60	28 mm	50 mm
732 90	36 mm	57 mm
732 95	43 mm	65 mm

Backflow preventers



Chrome-plated brass. Backflow preventer according to DIN 19884 and DIN EN 1717. Avoids that cleaning agents come into the potable drink circuit in case of excess pressure in the water pipe. Required when direct connection to pump

R+M Nr.	⊙	I
734 10	3/4"	61 mm



This is a special safety device that prevents water flowing back to the source, isolating the drinking water supply network from the circuit that supplies water to the cleaner. According to EN 60335-2-79: 2010. Max. 35 l/min. Min. 1 bar / max. 10 bar

R+M Nr.	⊙	I
734 20	3/4" M	

According to the EU directives EN 60335-2-79:2010 currently in force, the water that passes through a high pressure cleaner is no longer considered fit for drinking. This is why such a cleaner cannot be connected directly to the drinking water supply network unless a back flow preventer disconnecter has been fitted.

Intake filter for chemicals



DN 6 mm. Fine filter. Fine core stainless steel screen with brazen bottom

R+M Nr.	⊙	I
730 25	22	55



DN 6 mm. ST-32. Brass

R+M Nr.	⊙	I
200 032 800	20	32



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

R+M Nr.	⊙	I
200 032 600	19	39



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

R+M Nr.	⊙	I
200 031 600	20	75



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

R+M Nr.	⊙	I
200 031 615	20	75



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

R+M Nr.	⊙	I
200 031 610	20	75

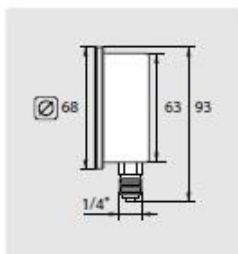


DN 6 - 8 mm. ST-31R with check valve. Plastic. Stainless steel weight

R+M Nr.	⊙	I
200 031 611	20	75

Pressure gauges

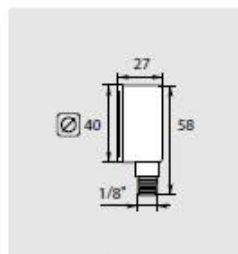
Glycerin filled



Ø 63 mm. Housing stainl. steel. Inlet at the bottom

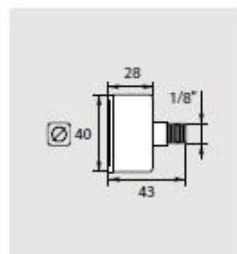
R+M Nr.	pressure range
548 90	0 - 25 bar
549 00	0 - 40 bar

Undamped



Ø 40 mm. Housing plastic. Inlet at the bottom

R+M Nr.	pressure range
547 10	0 - 16 bar



Ø 40 mm. Housing plastic. Inlet at the back

R+M Nr.	pressure range
547 50	0 - 12 bar

Further pressure gauges are on page 76.

Suttner intake filter & suction sets

ST-35 intake filter for water

Heavy version made out of plastic.
Valve nylon with rubber seal.
Stainless steel spring and screen.
Max. 60 °C



Without check valve



With check valve



Without check valve

DN
13 - 19 mm
19 - 25 mm

R+M Nr.	Ø	I
200 035 500	80	147
200 035 530	80	147

R+M Nr.	Ø	I
200 035 510	80	147

R+M Nr.	Ø	I
200 035 600	86	225
200 035 630	86	225

Suction sets with suction filter ST-35



R+M Nr.	TYP	Ø	I
731 12	without valve *	ÜM 3/4" F	3 m
731 21	with valve *	ÜM 3/4" F	3 m

* check valve

Plastic



Brass / plastic. 3/4" M. DN 9.5.
Max. 60 °C

R+M Nr.
701 500 100

Level sensor LS809-51



Plastic. Cable length 2 x 500 mm.
250 V / 1 A / 70 W. -30 °C - +105 °C

R+M Nr.
701 880 951

Water intake filters

R+M filter



Aluminium. Complete with screen (stainless steel). 300 microns. Max. 10 bar / 60 l/min / 80 °C

R+M Nr.				
730 504	1/2" F	1/2" M	83	34

ST-33



Screen. Stainless steel

R+M Nr.	microns
730 504 03	300



Complete with screen (stainless steel). 400 micron. Max. 10 bar / 60 l/min / 60 °C

R+M Nr.				
200 033 540	1/2" F	1/2" M	69	38



Screen. Stainless steel

R+M Nr.	microns
120 000 765	400

ST-33



Complete with filter fine core washable (stainless steel and plastic). 95 mm

112 mm. Max. 6 bar / 60 °C / 50 l/min

R+M Nr.			microns
200 033 700	3/4" F	3/4" M	50
200 033 705	1/2" F	1/2" M	125



Filter fine core washable. Stainless steel + plastic

R+M Nr.	microns
020 001 735	50
020 001 737	125

Y-filter



Complete with screen (stainless steel). 500 micron. Max. 10 bar / 60 l/min / 60 °C

R+M Nr.			
732 038	3/8" F	3/8" F	58
732 012	1/2" F	1/2" F	58
732 034	3/4" F	3/4" F	70



Screen. Stainless steel. 500 microns

R+M Nr.	
732 038 11	3/8"
732 038 11	1/2"
732 034 11	3/4"



3-pieces. With drain. Female thread brass. Max. 10 bar / 40 °C

R+M Nr.				
734 290 03		3/4"	5"	207
734 290 11		1"	5"	207
734 290 04		3/4"	9.3/4"	337
734 290 05		1"	9.3/4"	337



Filter 3-pieces. Plastic. Max. 40 °C

R+M Nr.		
734 200 13		small**
734 200 14		big**
734 330 21		big**



Plastic cleanable. Reinforced version. Max. 40 °C

R+M Nr.			microns	
734 293 00		5"	60	125
734 293 02		9.3/4"	60	250
734 293 03		9.3/4"	120	250

Mounting brackets



Single. Zinc-plated steel



Single. Plastic



Double. Plastic

R+M Nr.	
734 299 02	

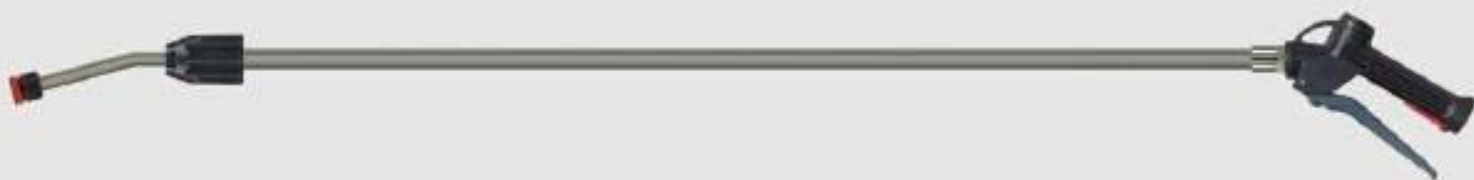
R+M Nr.	
734 507	

R+M Nr.	
734 508	

* with o-ring ** without o-ring

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

Filter



Plastic. Max. 50 °C

R+M Nr.
500 04



600 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.	☺	☹
200 510 700	1/2" F	1/2" F



600 mm. Spray gun with lance made out of plastic 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

Hose tails

Male thread



Brass.
Max. 150 °C



Stainless steel.
Max. 150 °C



Plastic.
Max. 60 °C



Plastic.
Max. 60 °C



Plastic.
Max. 60 °C



Brass.
Max. 150 °C

DN	⊙
4 mm	1/8"
6 mm	1/8"
6 mm	1/4"
6 mm	3/8"
6 mm	1/2"
8 mm	1/8"
8 mm	1/4"
8 mm	3/8"
8 mm	1/2"
10 mm	1/4"
10 mm	3/8"
12 mm	1/4"
12 mm	3/8"
12 mm	1/2"
12 mm	3/4"
16 mm	1/2"
16 mm	3/4"
19 mm	1/2"
19 mm	3/4"
19 mm	1"
25 mm	3/4"
25 mm	1"

R+M Nr.	I
710 00	31
710 10	35
710 40	36
710 65	40
710 05	31
710 20	34
710 50	38
710 70	49
710 25	34
710 55	35
710 30	35
710 60	38
710 80	50
710 90	47
710 85	40
710 95	49
711 21	63
711 00	47
711 20	49
711 10	55

R+M Nr.	I
710 009	33
710 19	49
710 29	48
710 79	
710 559	36
710 89	49
711 219 9	53
711 09	51
711 259	70

R+M Nr.	I
712 05	27
712 10	33
712 20	38
712 40	39
712 30	41
712 50	41
712 70	49
712 55	44
712 60	46
712 80	54
712 90	58

R+M Nr.	I
713 10	21
713 20	26
713 40	26
713 30	28
713 50	33
713 70	37
713 32	30
713 60	32
713 80	36
713 90	42

R+M Nr.	⊖	I
714 10	57	21
714 20	57	26
714 30	66	28

DN	⊙
6 mm	1/4"
8 mm	1/4"
8 mm	3/8"
8 mm	1/2"
12 mm	3/8"
12 mm	1/2"

R+M Nr.	I
710 104	33
710 204	33
710 504	33
710 704	36
710 604	40
710 804	38

2/3 hose tails

Filter



Flat seal

R+M Nr.	⊙
725 40	3/4"



Brass.
Max. 150 °C



Plastic.
Max. 60 °C



Brass.
Max. 150 °C

DN	⊙
10 mm	1/2"
10 mm	3/4"
13 mm	1/2"
13 mm	3/4"
13 mm	1"
19 mm	3/4"
19 mm	1"
25 mm	1"

R+M Nr.	I
711 52	34
711 50	36
711 51	41
711 55	39
711 56	38
711 57	40

R+M Nr.	I
711 60	49

R+M Nr.	I
711 68	41
711 75	41
711 70	42
711 77	46

Hose connectors



Plastic.
Max. 60 °C



Plastic.
Max. 60 °C



Plastic.
Max. 60 °C

DN
6 mm
8 mm
12 mm

R+M Nr.	I
715 10	49
715 20	56
715 30	73

R+M Nr.	⊖	I
717 10	50	26
717 20	58	30
717 30	68	36

R+M Nr.	I
716 10	46
716 20	53
716 30	68

INTERPUMP high pressure pumps

Standard



Repair kits

01



Valves 6 pieces

02



Seal kit for 1 piston

03



Sleeve kits for 3 pistons

04



Oil seal kits for 3 pistons

Version "B"



05



Ceramic socket for 1 piston

06



Tension screws for 3 pistons

07



Valve plugs

08



O-ring for valve plugs 1 piece

		Standard	"B"	01	02	03	04	05	06	07	08				
[P]	[L]	[U]	[KW]	[TYP]	Serie	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.			
90	8	2,800	1.5	WW90	51	000 900 01	000 900 04	340 001 01	340 096 01	340 097 01	340 083 01	510 400 09	340 084 01*	903 847 00	
100	11	1,450	2.2	W98	50	000 980 01		340 001 01	340 027 01	340 019 01	340 023 01	500 404 09	340 006 01	340 004 01*	903 847 00
100	13	1,450	2.5	W99	50	000 990 01		340 001 01	340 027 01	340 019 01	340 023 01	500 404 09	340 006 01	340 004 01*	903 847 00
100	21	1,450	4	WS102	47	001 020 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 004 01*	903 847 00
100	30	1,450	5.5	WS104	69	001 040 01		340 062 01	340 082 01	340 069 01	340 037 01	470 404 09	340 054 01	982 312 00	904 051 00
120	13	1,450	2.9	WS133	47	001 330 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 004 01*	903 847 00
120	13	1,450	2.9	WS133LX	47	001 330 11		340 001 01	340 028 01	340 069 01	340 010 01	470 404 09	340 006 01	340 004 01*	903 847 00
120	14	1,450	3	W124LX	44	001 240 02		340 123 01	340 131 01	340 127 01	340 023 01	440 401 09		340 124 01*	903 847 00
120	18.7	1,450	4.04	WS132	47	001 320 01		340 001 01	340 029 01	340 148 01	340 002 01	470 405 09	340 006 01	340 004 01*	903 847 00
130	9.5	1,450	2.2	W130	44	001 300 01		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01*	903 847 00
130	41	1,450	11	WS135	48	001 350 01		340 001 01	340 028 01	340 069 01	340 024 01	470 404 09	340 006 01	340 004 01*	903 847 00
140	11.5	2,800	3	WW141	50	001 410 01		340 001 01	340 092 01	340 088 01	340 023 01	520 400 09		340 004 01*	903 847 00
140	12	1,450	3	W140	44	001 400 01		340 123 01	340 131 01	340 127 01	340 023 01	440 401 09		340 124 01*	903 847 00
150	8	1,450	2.2	W150	44	001 500 01		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01*	903 847 00
150	14	1,450	4	W154	44	001 540 01		340 123 01	340 131 01	340 127 01	340 023 01	440 401 09		340 124 01*	903 847 00
150	15	1,000	4	W151	47	001 510 02		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 004 01*	903 847 00
150	15	1,450	4	WS151	47	001 510 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 004 01*	903 847 00
150	15	2,800	4	WW156	44	001 560 01		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01*	903 847 00
150	15	1,450	4	WS151LX	47	001 510 11		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 004 01*	903 847 00
150	21	1,450	5.5	WS152	47	001 520 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 005 01*	903 847 00
150	30	1,450	7.35	WS153	69	001 530 01		340 062 01	340 082 01	340 069 01	340 037 01	470 404 09	340 054 01	982 312 00	904 051 00
150	50	1,750	14.7	W1550	66	015 500 01		340 169 01	340 247 01	340 248 01	340 002 01	660 410 09		661 300 41	905 165 00
160	14	2,800	5.5	WW161	50	001 610 01		340 001 01	340 092 01	340 088 01	340 091 01	520 400 09		340 004 01*	903 847 00
160	18	1,450	5.5	WS162	47	001 620 01		340 001 01	340 029 01	340 148 01	340 002 01	470 405 09	340 006 01	340 005 01*	903 847 00
160	30	1,450	9.2	WS1630	47	016 300 01		340 169 01	340 029 01	340 148 01	340 002 01	470 405 09	340 006 01	982 300 00	903 864 00
170	13	1,450	5.5	WS171LX	47	001 710 11		340 001 01	340 028 01	340 069 01	340 010 01	470 404 09	340 006 01	340 004 01*	903 847 00
170	14	1,450	4.5	EL1714	63	017 140 01		340 123 01	340 167 01	340 161 01	340 159 01	440 401 09		340 124 01*	903 847 00
170	17	2,800	5.5	WW176	44	001 760 01		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01*	903 847 00
200	15	1,000	5.5	W201	47	002 010 02		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 005 01*	903 847 00
200	15	1,450	5.5	WS201	47	002 010 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 005 01*	903 847 00
200	15	1,450	5.5	WS201LX	47	002 010 11		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 005 01*	903 847 00
200	21	1,450	7.5	WS202	47	002 020 01		340 001 01	340 028 01	340 069 01	340 002 01	470 404 09	340 006 01	340 005 01*	903 847 00
200	30	1,450	11	W2030	66	020 300 01		340 169 01	340 173 01	340 172 01	340 002 01	660 401 09		661 300 41	905 165 00
200	35	1,450	13.5	W2035	66	020 350 01		340 169 01	340 173 01	340 172 01	340 002 01	660 401 09		661 300 41	905 165 00
200	41	1,450	16	W2141	66	021 410 01		340 169 01	340 182 01	340 181 01	340 002 01	660 404 09		661 300 41	905 165 00
200	15	2,800	5.5	WW209	44	002 090 01		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01*	903 847 00
250	25	1,450	13.5	W2525	66	025 250 01		340 169 01	340 171 01	340 170 01	340 002 01	660 400 09		661 300 41	905 165 00
400	18	1,450	14.7	W4018	66	040 180 01		340 150 01	340 175 01	340 174 01	340 002 01	660 402 09		661 301 41	905 165 00
500	15	1,450	14.7	WS015	66	050 150 01		340 150 01	340 175 01	340 174 01	340 002 01	660 402 09		661 301 41	905 165 00

* Kit with 6 valve plugs LX = shaft on the left

INTERPUMP high pressure pumps with built-in valve

Version "V"



Repair kits

01



Valves 6 pieces

02



Seal kit for 1 piston

03



Sleeve kits for 3 pistons

04



Oil seal kits for 3 pistons

Version "BV"

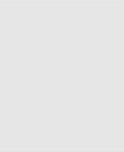


05



Ceramic socket for 1 piston

06



Valve plugs. Kit with 6 plugs

07



08



O-ring for valve plugs 1 piece

	"V"	"BV"	01	02	03	04	05	06	07	08
(P) (U) (KW) (TYP) Serie	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
140 11 1,450 3 EL1411 63	014 110 03 ■		340 123 01	340 167 01	340 161 01	340 159 01	440 401 09		340 124 01	903 847 00
150 7 1,450 2.2 W1507 51		015 070 05 ■	340 123 01	340 096 01	340 097 01	340 083 01	510 400 09		340 157 01	903 847 00
150 14 1,450 4 W154 44		001 540 05 ■	340 123 01	340 131 01	340 127 01	340 023 01	440 401 09		340 124 01	903 847 00
150 15 2,800 4 WW156 44	001 560 03 ■		340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01	903 847 00
180 13 2,800 4 WW186 44	001 860 03 ■	001 860 05 ■	340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01	903 847 00
200 15 2,800 5.5 WW209 44	002 090 03 ■	002 090 05 ■	340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01	903 847 00

■ Type "H" is equipped with an automatic pressure regulator that allows to zero the pump pressure.

■ Type "K" is equipped with an automatic pressure regulator that allows to zero the pressure in the entire system (pump and hose).

INTERPUMP special high pressure pumps

Version "HT"



Repair kits

01



Valves 6 pieces

02



Seal kit for 1 piston

03



Sleeve kits for 3 pistons

04



Oil seal kits for 3 pistons

05



Ceramic socket for 1 piston

06



Tension screws for 3 pistons

07



Valve plugs

08



O-ring for valve plugs 1 piece

Series "HT". Made out of high quality components and materials. Especially designed for car wash and industrial applications of up to 85 °C

	"HT"	01	02	03	04	05	06	07	08
(P) (U) (KW) (TYP) Serie	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
140 21 1,450 7.5 HT4721 47.HT	047 210 01	340 201 01	340 203 01	340 202 01	340 002 01	470 405 09	340 006 01	340 005 01*	903 847 00
160 15 1,450 4.5 HT4715 47.HT	047 150 01	340 201 01	340 203 01	340 202 01	340 002 01	470 405 09	340 006 01	340 005 01*	903 847 00
160 18 1,450 5.5 HT4718 47.HT	047 180 01	340 201 01	340 203 01	340 202 01	340 002 01	470 405 09	340 006 01	340 005 01*	903 847 00
170 46 1,750 14.7 HT6646 66.HT	066 460 01	340 169 01	340 211 01	340 210 01	340 002 01	660 404 09		661 303 41	903 857 00
200 39 1,750 14.7 HT6639 66.HT	066 390 01	340 169 01	340 209 01	340 208 01	340 002 01	660 401 09		661 303 41	903 857 00

* Kit with 6 valve plugs

The photos showing the pumps and repair kits are only for your information. The products might differ from the photos regarding their dimension and design.

INTERPUMP motor pumps

Standard



Motor pump with switch and cable.
Dimensions: 455 x 320 x 258 mm.

Repair kits

Standard		Total stop		01		02		03		04		05		06		07		08	
P	U	KW	TYP	V	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
120	14	1,450	3.8	M14-120	400	001 200 01	001 200 03	340 123 01	340 131 01	340 127 01	340 023 01	440 401 09		340 124 01	903 847 00				

01



Valves 6 pieces

02



Seal kit for 1 piston

03



Sleeve kits for 3 pistons

04



Oil seal kits for 3 pistons

05



Ceramic socket for 1 piston

06



Valve plugs. Kit with 6 plugs

07



O-ring for valve plugs 1 piece

P	U	KW	TYP	V	
120	14	1,450	3.8	M14-120	400

Standard

Total stop

01

02

03

04

05

06

07

08

R+M Nr.	R+M Nr.
001 200 01	001 200 03

R+M Nr.	R+M Nr.
340 123 01	340 131 01

R+M Nr.	R+M Nr.
340 127 01	340 023 01

R+M Nr.	R+M Nr.
440 401 09	

R+M Nr.	R+M Nr.
340 124 01	903 847 00

R+M Nr.	R+M Nr.

R+M Nr.	R+M Nr.

R+M Nr.	R+M Nr.

R+M Nr.	R+M Nr.

R+M Nr.	R+M Nr.

INTERPUMP high pressure pumps for petrol engines

Version "C"



Repair kits

"C"		"CV"		01		02		03		04		05		06		07		08	
P	U	KW	TYP	Serie	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
150	10	3,400	2.94	TT1510C	51	015 100 06	015 100 07	340 123 01	340 096 01	340 097 01	340 083 01	510 400 09		340 157 01	903 847 00				
150	13	3,400	3.67	TT1513C	51	015 130 07	015 130 08	340 123 01	340 096 01	340 097 01	340 083 01	510 400 09		340 157 01	903 847 00				
170	15	3,400	4.77	WW961C	44	009 610 06	009 610 07	340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01	903 847 00				
170	17.4	3,400	5.51	WW962C	44	009 620 06		340 123 01	340 130 01	340 088 01	340 125 01	520 400 09		340 124 01	903 847 00				
200	16	3,400	6.1	UH2016	63		020 160 17	340 123 01	340 166 01	340 160 01	340 159 01	520 400 09		340 124 01	903 847 00				

01



Valves 6 pieces

02



Seal kit for 1 piston

03



Sleeve kits for 3 pistons

04



Oil seal kits for 3 pistons

Version "CV"



05



Ceramic socket for 1 piston

06



Valve plugs. Kit with 6 plugs

07



O-ring for valve plugs 1 piece

P	U	KW	TYP	Serie	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.	R+M Nr.
150	10	3,400	2.94	TT1510C	51	015 100 06	015 100 07	340 123 01	340 096 01	340 097 01	340 083 01	510 400 09		340 157 01	903 847 00				
150	13	3,400	3.67	TT1513C	51	015 130 07	015 130 08	340 123 01	340 096 01	340 097 01	340 083 01	510 400 09		340 157 01	903 847 00				
170	15	3,400	4.77	WW961C	44	009 610 06	009 610 07	340 123 01	340 130 01	340 088 01	340 023 01	520 400 09		340 124 01	903 847 00				
170	17.4	3,400	5.51	WW962C	44	009 620 06		340 123 01	340 130 01	340 088 01	340 125 01	520 400 09		340 124 01	903 847 00				
200	16	3,400	6.1	UH2016	63		020 160 17	340 123 01	340 166 01	340 160 01	340 159 01	520 400 09		340 124 01	903 847 00				

"C"

"CV"

01

02

03

04

05

06

07

08

Valves












■ Type "H" is equipped with an automatic pressure regulator that allows to zero the pump pressure.

■ Type "K" is equipped with an automatic pressure regulator that allows to zero the pressure in the entire system (pump and hose).

Shaft

■ 3/4" ■ 1"

INTERPUMP repair kits

Valves	Hot water kit	Seal kits	Sleeve kits																																																																																																
																																																																																																			
6 pieces	For 3 pistons with valves. Suitable for hot water. For pumps series 47. Max. 85 °C	For 1 piston	For 3 pistons																																																																																																
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UDOR high pressure pumps

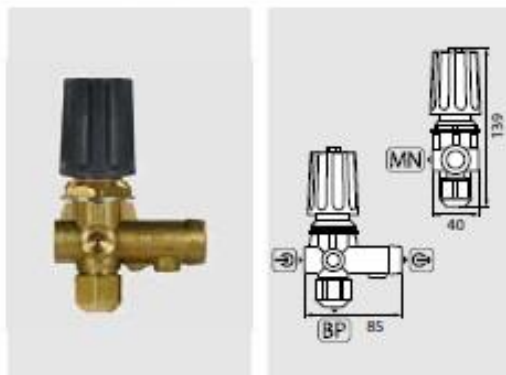
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* shaft on left

Symbols [P] pressure [F] flow [U] revolutions [KW] kilowatt [TYP] type ∅ diameter Ⓞ thread ⊗ internal diameter [I] height [L] length

Suttner regulation valves ST-261

ST-261 for panel mounting



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F.
 Max. 250 bar / 80 °C

R+M Nr.	-
200 261 559	30 l/min

ST-261 for panel mounting



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F.
 Max. 250 bar / 80 °C

R+M Nr.	-
200 261 557	30 l/min

ST-261 for panel mounting with pressure switch



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F. Regulation valve with pressure switch (IP65) and cable 1,200 mm. Max. 250 bar / 80 °C

R+M Nr.	-
200 261 655	30 l/min

ST-261 without chemical injector



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F.
 Max. 250 bar / 80 °C

R+M Nr.	-
200 261 500	30 l/min

ST-261 with chemical injector



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F. Hose tail 6 mm. Max. 250 bar / 80 °C

R+M Nr.	D	-
200 261 560	1.8	30 l/min
200 261 570	2.1	30 l/min
200 261 580	2.4	30 l/min

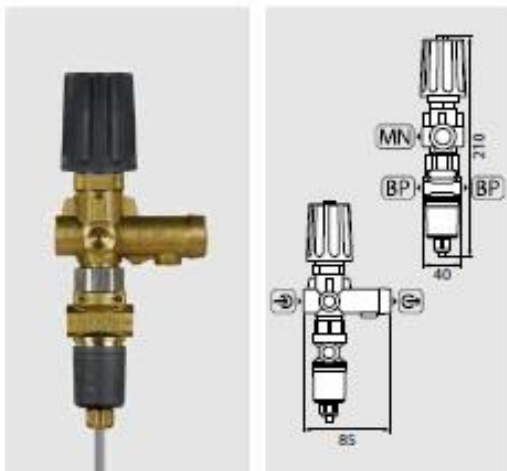
ST-261 with pressure switch three-core



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F. Regulation valve with pressure switch (IP65) three-core and cable 1,200 mm. Max. 250 bar / 80 °C

R+M Nr.	-
200 261 550	30 l/min

ST-261 with pressure switch four core



G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F. Regulation valve with pressure switch (IP65) four-core and cable 1,200 mm. Max. 250 bar / 80 °C

R+M Nr.	-
200 261 551	30 l/min

ST-261 with pressure switch

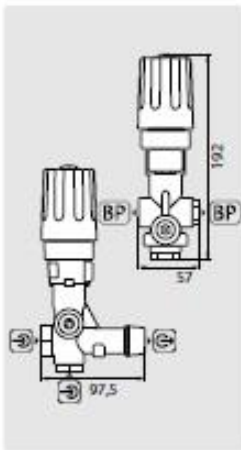


G = inlet 3/8" F. S = outlet 3/8" F. BP = bypass 1/4" F. MN = pressure gauge 1/4" F. Regulation valve with pressure switch (IP55) and cable 140 mm. Max. 250 bar / 80 °C

R+M Nr.	-
200 261 660	30 l/min

Suttner regulation valves

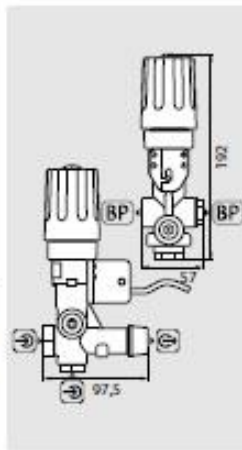
ST-291



☉ = inlet 3/8" F. ☉ = outlet 3/8" F. [BP] = bypass 1/2" F. Max. 350 bar / 90 °C

R+M Nr. 200 291 500 40 l/min

ST-291 with switch



☉ = inlet 3/8" F. ☉ = outlet 3/8" F. [BP] = bypass 1/2" F. Regulation valve with pressure switch (IP67) and cable 1,200 mm. Max. 350 bar / 90 °C

R+M Nr. 200 291 550 40 l/min

Repair kits ST-291



Piston rod
R+M Nr. 200 291 495



Switch (IP67) with cable 1,200 mm

R+M Nr. 200 291 450



Check valve

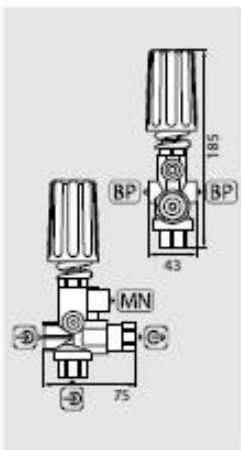
R+M Nr. 200 291 490



Seal kit

R+M Nr. 200 291 485

ST-280



☉ = inlet 3/8" F. ☉ = outlet 3/8" F. [BP] = bypass 1/4" F. [MN] = pressure gauge 1/4" F. Max. 250 bar / 80 °C

R+M Nr. 200 280 510 30 l/min

Repair kits ST-280



Type A
R+M Nr. 200 280 650



Type C
R+M Nr. 200 280 646



Type D
R+M Nr. 200 280 526

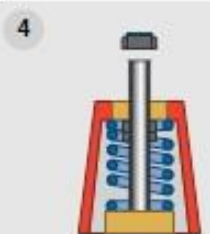
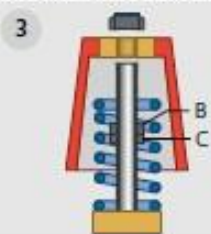
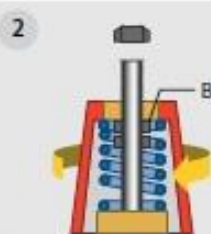
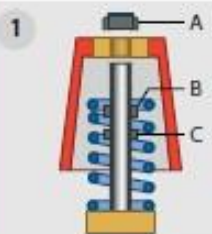
Repair kits ST-280



Pressure switch (IP65) with four-core and cable 1,200 mm

R+M Nr. 200 261 514

Setting up of a regulation valve



1. Loose fixing nut (A) and take off handgrip. Also loose nut (B) and nut (C). Put handgrip back in position without fixing it. Switch on high pressure device and press gun trigger.
2. While keeping an eye on the gauge's pressure slowly tighten the handgrip. When working pressure is attained turn handgrip one rotation tighter. In this position nut (B) must be next to the handgrip. Otherwise, nut (B) has to be adjusted until this position is reached.

3. Take off handgrip and fix nut (C) against nut (B).
4. Unscrew the handgrip until it bumps to nut. Press trigger of gun several times in order to control the working and switching pressure. If necessary, repeat phase 2.
5. Turn handgrip back until minimum/steam pressure stage is obtained (according to indication of manufacturer). Mount fixing nut until swing of grip. Fixing nut (A) defines the stage of low and steam pressure, nut (B) defines the stage of working and switching pressure.

Symbols ☐ flow ☉ inlet ☉ outlet [BP] bypass [MN] pressure gauge

Regulation valves

VB80



⊕ = inlet 1/2" F. ⊖ = outlet 1/2" F. [BP] = bypass 1/2" F. Stainless steel. Max. 90 °C

VB85



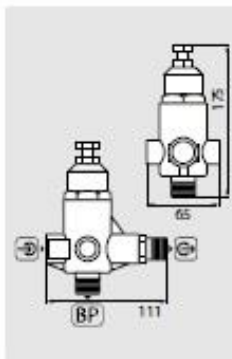
⊕ = inlet 1/2" F. ⊖ = outlet 1/2" F. [BP] = bypass 1/2" F. Max. 90 °C

R+M Nr.	[P]	⊖
532 802 84	max. 280 bar	80 l/min

R+M Nr.	[P]	⊖
532 851 6	max. 160 bar	80 l/min
532 852 8	max. 280 bar	80 l/min

INTERPUMP regulation valves

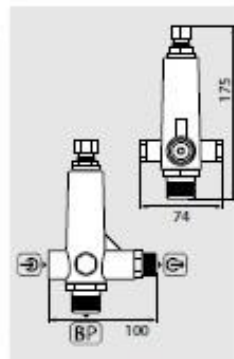
K1



⊕ = inlet 3/8" F. ⊖ = outlet 1/2" M.
[BP] = bypass 1/2" M.
Max. 250 bar / 80 °C

R+M Nr.	⊖
100 000 10	9 - 41 l/min

K5

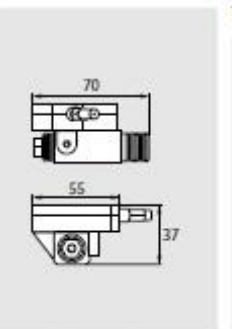


⊕ = inlet 3/8" F. ⊖ = outlet 1/2" M. [BP] = bypass 1/2" F - 3/4" M. [MN] = pressure gauge 1/4" F.
Max. 200 bar / 80 °C

R+M Nr.	[TYP]	⊖
100 000 51	K5.1	11 - 16 l/min
100 000 52	K5.2	16 - 25 l/min
100 000 53	K5.3	25 - 41 l/min

Throttle control

IP adjustable

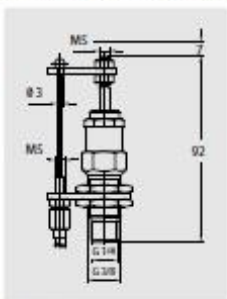


Regulator with string 1,000 mm. Min. 50 bar.
Max. 200 bar / 75 °C

R+M Nr.	⊖
995 000 00	3/8" M

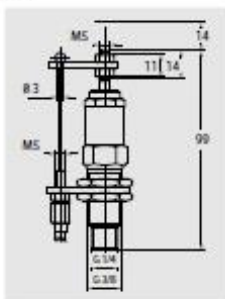
RG1

Throttle control for engine motors. It slows RPM down when by-pass is activated.



⊕ 1/4" M. 15 - 250 bar - 218 - 3,650 psi.
Max. 160 °C.

R+M Nr.	Stroke	[δ]
532 012 0	7 mm	140 g



⊕ 1/4" M. 15 - 250 bar - 218 - 3,650 psi.
Max. 160 °C.

R+M Nr.	Stroke	[δ]
532 013 0	14 mm	158 g

High pressure check valves ST-264



1/4" M. Stainless steel.
 [I] 37.8 mm. Opening pressure 0.05 - 0.1 bar. Max. 400 bar / 90 °C

R+M Nr.	[SW]
200 264 700	17 mm



1/4" F. Stainless steel.
 [I] 62 mm. Opening pressure 0.05 - 0.1 bar. Max. 400 bar / 90 °C

R+M Nr.	[SW]
200 264 500	19 mm



1/4" F. Brass.
 [I] 62 mm. Opening pressure 0.05 - 0.1 bar. Max. 150 bar / 90 °C

R+M Nr.	[SW]
200 264 510	19 mm



3/8" F. Stainless steel.
 [I] 65 mm. Opening pressure 0.05 - 0.1 bar. Max. 400 bar / 90 °C

R+M Nr.	[SW]
200 264 520	22 mm



3/8" F. Brass.
 [I] 65 mm. Opening pressure 0.05 - 0.1 bar. Max. 150 bar / 90 °C

R+M Nr.	[SW]
200 264 530	22 mm



1/2" F. Stainless steel.
 [I] 90 mm. Opening pressure 0.05 - 0.1 bar. Max. 400 bar / 90 °C

R+M Nr.	[SW]
200 264 540	27 mm

Thermal relief valves



1/2" M : hose tail 6 mm. Valve with copper sonde. Working temperature 63 °C. Max. 10 bar

R+M Nr.
910 50



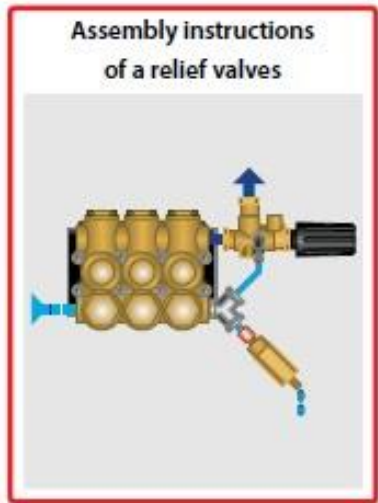
3/8" M : hose tail 6 mm. Valve with copper sonde. Working temperature 63 °C. Max. 10 bar

R+M Nr.
910 65



1/2" M : hose tail 6 mm. Valve with copper sonde. Working temperature 63 °C. Max. 10 bar

R+M Nr.
910 55



High Pressure Filter ST-33



Brass with stainless steel filter. Bidirectional.
 Max. 400 bar / 40 l/min. / 150 °C

R+M Nr.	[I]	[O]	[O]
200 033 855	45.6 mm	1/4" M	1/4" F

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 or 734 20). Hose tail 6 mm. Max. 10 bar / 90 °C

R+M Nr.	⊗	⊗	⊖
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

Suttner chemical suction sets



Suction sets 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

Symbols ⊗ inlet ⊗ outlet ⊖ flow ⊗ diameter [D] nozzle [TYP] type [DN] nominal diameter [C] colour

Suttner flow switches

ST-5 flow switches 350 bar



Magnet without hole.
Vertical mount. Cable 1,200 mm.
Contact 1 A - 250 V.
3.4 l closed. 2.9 l open.
Max. 350 bar / 30 l/min / 80 °C

R+M Nr.	⊗
200 005 500	3/8" F



Magnet without hole.
Vertical mount. Cable 1,200 mm.
Contact 1 A - 250 V.
0.3 l closed. 0.17 l open.
Max. 350 bar / 30 l/min / 80 °C

R+M Nr.	⊗
200 005 555	3/8" F

ST-6 flow switches

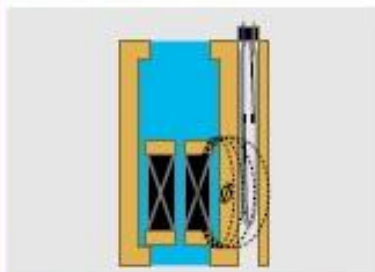


3/8" M : 3/8" M. Horizontal or vertical mount. Cable 1,200 mm.
Contact 1 A - 250 V.
1.8 l closed. 1.4 l open.
Max. 310 bar / 30 l/min / 80 °C

R+M Nr.
200 006 500

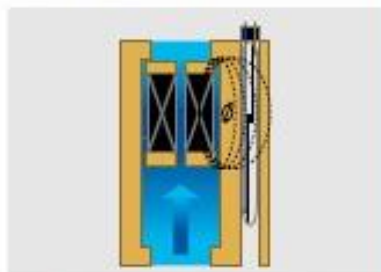
Functional principle of a flow switch

Without waterflow



The floater is in resting position.
The contact is open.













With waterflow



The floater is in working position.
The contact is closed by the magnetic floater.

Suttner flow switches


Spare parts flow switches

				 new	 new						
Floater ST-5 / ST-505 without hole	Floater ST-5 with hole	Floater ST-5 high-flow with hole	Floater ST-5 (200 005 600) with hole	Floater ST-505 without hole	Floater ST-505 with hole						
R+M Nr. 200 005 526	R+M Nr. 200 005 520	R+M Nr. 200 005 528	R+M Nr. 200 005 519	R+M Nr. 200 005 311	R+M Nr. 200 005 301						
											
Floater ST-6	Repair-Kit floater ST-7	Repair-Kit switch ST-7. Cable 1,200 mm	REED switch ST-5 & ST-505								
R+M Nr. 200 006 490	R+M Nr.  200 007 497 4 l/min 200 007 499 1.5 l/min	R+M Nr. 200 007 498	<table border="1"> <tr> <th>R+M Nr.</th> <th>Cable</th> </tr> <tr> <td>200 005 431</td> <td>1,200 mm</td> </tr> <tr> <td>200 005 434</td> <td>3,500 mm</td> </tr> </table>			R+M Nr.	Cable	200 005 431	1,200 mm	200 005 434	3,500 mm
R+M Nr.	Cable										
200 005 431	1,200 mm										
200 005 434	3,500 mm										
											
			REED switch ST-6. Cable 1,200 mm								
R+M Nr. 200 006 431											

ST-7 flow switches



3/8" F. Protection class IP65. Cable 1,200 mm. 10 A. 250 V. Inrush current 20 A (NC) and 15 A (NO). Max. 350 bar / 45 l/min / 80 °C

R+M Nr.	 switch-on points
200 007 500	4.0 l/min 4.9 l closed. 3.5 l open
200 007 510	1.5 l/min 1.5 l closed. 0.8 l open

The ST-7 is a newly developed version of the flow switch having a completely new operating principle. In this new development a robust and industrial micro switch is inserted instead of the usually supersensitive REED-contacts with low switching capacity. This micro switch makes it possible to realize a significantly higher electrical output though having a longer working life. The electrical and water-hydraulic components of the flow switch are completely separated. The construction of the flow switch allows mounting the electrical parts independent of the hydraulic components within the series production process. When fitting together chassis and switch box both parts of the flow switch are connected again. Due to the mature engineering low switching points are realized in spite of maximum water quantities. The pressure drop within the flow switch is only 1.5 bar at 30 l/min.

Pressure switches

PR 5



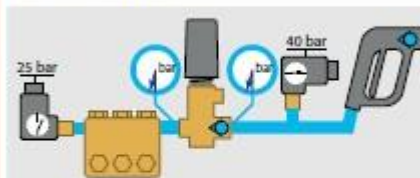
Contact 5 A - 250 V. Cable 950 mm. Thread 1/4" M.
Max. 250 bar / 90 °C

R+M Nr.	★	start-up pressure
912 515	blue	15 bar
912 525	red	25 bar
912 540	black	40 bar

Example of use

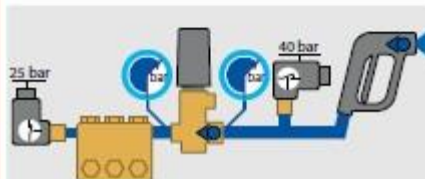
with two pressure switches

1 - Starting phase



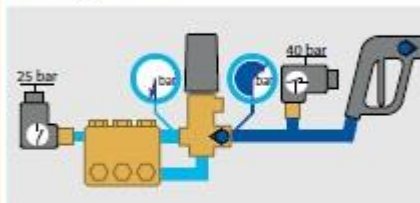
Contact of pressure switch (40 bar) is activated and by this way the cleaner can be started.

2 - High pressure phase



Reaching 25 bar the pressure switch (25 bar) changes the operating condition and secures the operation of the cleaner while pressure switch (40 bar) is deactivated.

3 - Stop phase

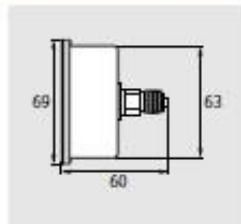


During the bypass phase water circulates in the pump without pressure.

The pressure switch (25 bar) opens and the cleaner stops. At the same time there is still high pressure between the regulation valve and the gun.

The high pressure cleaner starts again when operating the gun.

High pressure gauges glycerine filled

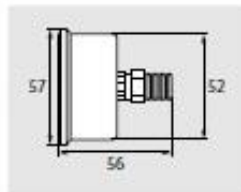


∅ 63 mm. 1/4" M. Housing stainless steel.
Inlet at the bottom

∅ 63 mm. 1/4" M. Housing stainless steel.
Inlet at the back

R+M Nr.	pressure range
549 10	0 - 100 bar . 0 - 1,500 PSI
549 20	0 - 160 bar . 0 - 2,500 PSI
549 30	0 - 250 bar . 0 - 4,000 PSI
549 40	0 - 400 bar . 0 - 6,000 PSI
549 50	0 - 600 bar . 0 - 8,000 PSI

R+M Nr.	pressure range
548 10	0 - 100 bar . 0 - 1,500 PSI
548 20	0 - 160 bar . 0 - 2,500 PSI
548 30	0 - 250 bar . 0 - 4,000 PSI
548 40	0 - 400 bar . 0 - 6,000 PSI
548 631 000	0 - 1,000 bar . 0 - 15,000 PSI



∅ 50 mm. 1/4" M. Housing stainless steel.
Inlet at the bottom

∅ 50 mm. 1/4" M. Housing stainless steel.
Inlet at the back

R+M Nr.	pressure range
549 35	0 - 250 bar . 0 - 4,000 PSI
549 45	0 - 400 bar . 0 - 6,000 PSI

R+M Nr.	pressure range
548 35	0 - 250 bar . 0 - 4,000 PSI
548 43	0 - 400 bar . 0 - 6,000 PSI

Fuel pumps Danfoss

Pumps with solenoid valve



Coil

R+M Nr.	V
826 00	24V
826 10	230V

Spare parts Danfoss fuel pumps



Cartridge filter

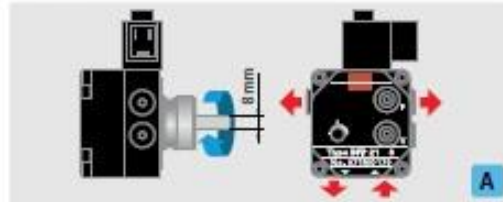
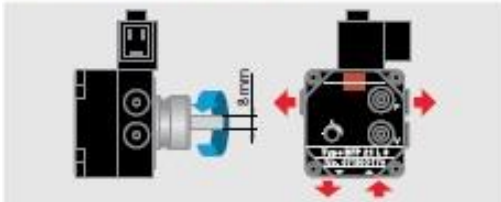
R+M Nr.
825 01



Cartridge filter

R+M Nr.
825 00

Single line intake or double line intake.
Pressure adjustable 7 - 15 bar

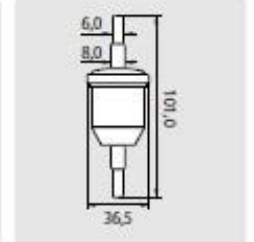


R+M Nr.	TYP	coil	hub
825 45	BFP 21 L3	24 V	32 mm
825 40	BFP 21 L3	230 V	32 mm

R+M Nr.	TYP	coil	hub
825 35	BFP 21 R3	24 V	32 mm
825 30	BFP 21 R3	230 V	32 mm

Fuel filter

Fuel filter



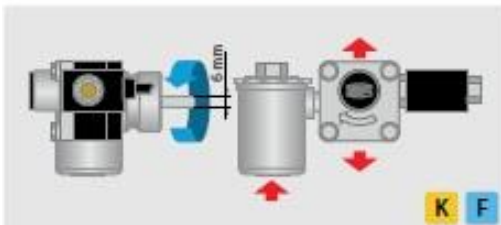
R+M Nr.
829 00

Fuel pumps SP

Pumps with solenoid valve



Double line intake.
Pressure adjustable 6 - 14 bar

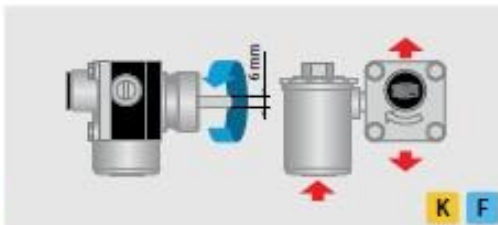


R+M Nr.	TYP	coil	hub
821 10	46L5316M	24 V	32 mm
821 20	46L5316M	230 V	32 mm

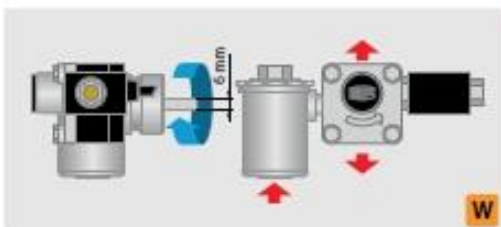
Pumps without solenoid valve



Double line intake.
Pressure adjustable 6 - 14 bar



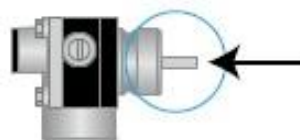
R+M Nr.	TYP	coil	hub
820 20	46L2386	-	32 mm



R+M Nr.	TYP	coil	hub
821 30	46L5416 M	24 V	32 mm
821 40	46L5416 M	230 V	32 mm

Attention!

Rotating direction always stated in view of the shaft.



Quick screw coupling : male thread



Standard M22 : M. Black.
Max. 400 bar / 150 °C

AG	R+M Nr.	I
1/4"	561 40	49 mm
3/8"	561 60	46 mm
1/2"	561 66	50 mm
M16	561 80	51 mm
M18	561 90	47 mm
M21	561 98	49 mm
M22	561 95	60 mm

Quick screw coupling : female thread



Standard M22 : F. Black.
Max. 400 bar / 150 °C

IG	R+M Nr.	I
1/8"	561 20	45 mm
1/4"	561 30	45 mm
3/8"	561 50	45 mm
1/2"	561 65	45 mm

Male thread : male thread



M22 M : M. Brass.
Max. 400 bar

⊙	R+M Nr.	I
1/4"	565 30	29 mm
3/8"	565 50	29 mm
1/2"	565 60	29 mm

Male thread : female thread



M22 M : F. Brass. Max. 400 bar

⊙	R+M Nr.	I
1/8"	565 10	29
1/4"	565 20	29
3/8"	565 40	29
1/2"	565 65	29
M16	565 90 *	34
M18		
M22	565 66	33

Couplings and plug ST-45-250 KW



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

⊙	DN
1/4"	10
3/8"	10
1/2"	10
M22	10

R+M Nr.	I
200 045 570	41 mm
200 045 560	41 mm
200 045 550	41 mm
200 045 575	41 mm



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

R+M Nr.	I
200 045 565	43 mm
200 045 555	43 mm



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

R+M Nr.	I
040 005 482	38 mm



Coupling : F.
Nickel-plated brass.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	10
1/2"	10

R+M Nr.	I
200 045 510	41 mm



Coupling : F.
Nickel-plated brass.
Max. 250 bar / 150 °C

R+M Nr.	I
200 045 505	43 mm



Plug : F.
Zinc-plated steel.
Max. 250 bar / 150 °C

R+M Nr.	I
557 204	38 mm



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

R+M Nr.	I
557 209	38 mm
557 29	45 mm

ST-300 swivels



1/4" M : 1/4" F.
Brass.
Max. 275 bar / 90 °C

R+M Nr.	
200 300 040	44 mm

ST-301 swivels



1/4" F : M22 M. Stainless steel / brass.
Swivel with radial friction bearing.
Max. 350 bar / 90 °C

R+M Nr.	
200 301 060	62 mm

ST-310 swivels



1/4" F : 3/8" F.
Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 000	57 mm

ST-310 swivels



3/8" M : 3/8" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 010	45 mm

ST-310 swivels



1/2" M : 1/2" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 040	49 mm

ST-351 swivels



1/2" M : 1/2" F.
Max. 600 bar

R+M Nr.	
200 351 510	

ST-350 swivels



3/8" M : 3/8" F.
Max. 600 bar

R+M Nr.	
200 350 010	

Completely stainless steel. Swivel with slide ring as sealing element. DN 6



3/8" F : 3/8" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 500	48 mm



1/4" F : 1/4" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 550	48 mm



3/8" F : 3/8" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 502	48 mm

Suttner swivels ST-322



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 322 522	68 mm

ST-345 swivels



1/4" F : 1/4" M. 350 bar. Stainless

R+M Nr.	
200 345 500	



1/4" F : 1/4" M. 350 bar. Stainless.
easywash365+ blue

R+M Nr.	
200 345 510	

easywash365+ swivels

Housing nickel-plated brass. Axle stainless steel. Field of application: Ceiling booms in self-service car wash



1/4" F : 1/4" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	I
562 390 503	46 mm



3/8" F : 1/4" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	I
562 390 505	46 mm



3/8" F : 3/8" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	I
562 390 507	46 mm



Repair kit easywash365+ swivels

R+M Nr.
750 140 2

easywash365+ swivels

Housing stainless steel / nickel-plated brass. Axle stainless steel. Maintenance-free. DN 6. Field of application: Swivels applicable to high pressure spray guns and hose connections, ceiling booms in self-service car wash



1/4" M : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 600	63 mm	1
562 391 601	63 mm	25



1/4" M : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 605	64 mm	1
562 391 606	64 mm	25



3/8" M : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 610	63 mm	1
562 391 611	63 mm	25



3/8" M : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 615	64 mm	1
562 391 616	64 mm	25



1/4" F : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 620	69 mm	1
562 391 621	69 mm	25



3/8" F : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 625	67 mm	1
562 391 626	67 mm	25



1/4" F : M18 M.
Max. 275 bar / 120 °C

R+M Nr.	I	VPE
562 391 630	62 mm	1
562 391 631	62 mm	25

Mosmatic swivels WDG

Housing nickel-plated brass. Axle stainless steel. Field of application: Ceiling booms in self-service car wash



1/4" F : 1/4" M. DN 7.
Max. 150 bar / 30 r.p.m. / 90 °C

R+M Nr.	I
750 140 11	46 mm



3/8" F : 1/4" M. DN 7.
Max. 150 bar / 30 r.p.m. / 90 °C

R+M Nr.	I
750 140 1	46 mm



Repair kit
Mosmatic swivels WDG

R+M Nr.
750 140 2

Mosmatic swivels DGS / DGV / DGK

Housing stainless steel / nickel-plated brass. Axle stainless steel. DN 6. Rust-proof and maintenance-free. Field of application: Swivels applicable to high pressure spray guns and hose connections, ceiling booms in self-service car wash. Max. 275 bar / 30 r.p.m. / 120 °C



DGS. Double ball bearing system



DGV. Single ball bearing system



DGK. Single ball bearing system

R+M Nr.	⊕	⊖	⊞
108 300 01	1/4" F	1/4" M	59 mm
108 300 02	1/4" F	1/4" F	62 mm
108 300 03	1/4" F	3/8" M	60 mm
108 300 04	1/4" F	3/8" F	63 mm
108 300 05	1/4" F	M14 M	57 mm
108 300 06	1/4" F	M16 M	57 mm
108 300 07	1/4" F	M18 M	57 mm
108 300 09	1/4" F	M22 M	61 mm
108 301 03	3/8" F	3/8" M	60 mm
108 301 04	3/8" F	3/8" F	63 mm
108 301 07	3/8" F	M18 M	57 mm
108 301 09	3/8" F	M22 M	61 mm

R+M Nr.	⊕	⊖	⊞
108 325 11	1/4" M	1/4" M	60 mm
108 325 12	1/4" M	1/4" F	63 mm
108 325 13	1/4" M	3/8" M	61 mm
108 325 18	1/4" M	M21 M	62 mm
108 325 21	3/8" M	1/4" M	60 mm
108 325 24	3/8" M	3/8" F	61 mm
108 325 32	3/8" M	1/4" F	63 mm
108 325 33	3/8" M	3/8" M	61 mm
108 325 34	3/8" M	3/8" F	63 mm
108 325 37	3/8" M	M18 M	58 mm
108 325 39	3/8" M	M22 M	62 mm
108 325 82	1/4" F	1/4" F	67 mm
108 325 87	1/4" F	M18 M	62 mm

R+M Nr.	⊕	⊖	⊞
108 320 31	1/4" M	DN 06	58 mm
108 320 33	1/4" F	DN 06	62 mm
108 321 32	3/8" M	DN 08	66 mm

Mosmatic swivels DGVI

Stainless steel. DN 6. Rust-proof and maintenance-free. Field of application: Swivels applicable to high pressure spray guns and hose connections. Max. 500 bar / 30 r.p.m. / 120 °C



R+M Nr.	⊕	⊖	⊞
108 327 02	1/4" M*	1/4" F	54
108 327 24	3/8" M*	3/8" F	56
108 327 34	3/8" M	3/8" F	64
108 328 14	1/2" M	1/2" F	75

R+M Nr.	⊕	⊖	⊞
108 327 81	1/4" F	1/4" M	64
108 327 83	3/8" F	1/4" M	65

R+M Nr.	⊕	⊖	⊞
108 327 82	1/4" F	1/4" F	66
108 327 84	1/4" F	3/8" F	68

R+M Nr.	⊕	⊖	⊞
108 327 87	1/4" F	M18 M	62
108 327 88	1/4" F	M21 M	66
108 327 89	1/4" F	M22 M	66

Mosmatic swivels DGE / DGEI

Stainless steel. Maintenance-free. Field of application: especially designed for high flow rates and low revolutions per minute as for example at automatic car wash plants. Max. 30 r.p.m. / 120 °C. DN 13 for 1/2". DN 25 for 1"



DGE 90°. Housing nickel-plated brass. Single ball bearing system. Rust-proof. Max. 275 bar

DGE. Housing nickel-plated brass. Single ball bearing system. Rust-proof. Max. 275 bar

DGEI. Housing stainless steel. Triple ball bearing system. Max. 350 bar

DGEI 90°. Housing stainless steel. Triple ball bearing system. Max. 350 bar

R+M Nr.	⊕	⊖	⊞
108 348 23	1/2" F	1/2" M	91
108 348 25	1" F	1" M	113

R+M Nr.	⊕	⊖	⊞
108 348 03	1/2" F	1/2" M	80
108 348 05	1" F	1" M	90

R+M Nr.	⊕	⊖	⊞
108 347 03	1/2" F	1/2" M	80
108 347 05	1" F	1" M	95

R+M Nr.	⊕	⊖	⊞
108 347 23	1/2" F	1/2" M	97
108 347 25	1" F	1" M	123

* conical

Symbols ⊕ height ⊞ length mm ⊖ outlet ⊕ inlet VPE packing unit



EasyClean Skumkanon for HT

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

EasyClean LavTrykk skumkanon



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.

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.	(D)	(l)
106 996 500	incl. coupler plugs "universal"	1 l

Wall brackets for canisters



Stainless steel. Mounting holes
8.5 mm

R+M Nr.	H x W x D	(8)
105 000 001	160 x 250 x 210	1.2
105 000 002	200 x 285 x 310	2.0



easyclean

Profesjonelle kanner for kjemi-
påføring

Blå, for alkalisk kjemi

Varenr: Kwasar wtv.1195

Rød, for sur kjemi

Varenr: Kwasar wtv.1196

Sort, for løsemiddelbasert

Varenr: Kwasar wtv.1197

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)	(8)
106 024 500	coated steel	24 l

Sprayer with pressure tank



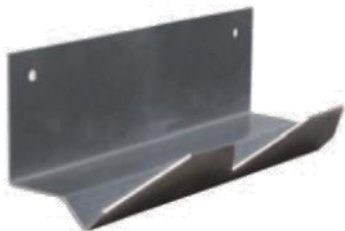
- » The filling is very easy and effected by means of a plastic hopper to fill in.
- » 1/4" M connection to be attached at the compressed-air supply.
- » Max. 8 bar. Equipped with a default safety valve.
- » Chemically resistant hose 10 m. Spray lance 600 mm with nozzle. Fill level indication.
- » Suitable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

R+M Nr.	(TYP)	(8)
106 024 600	stainless steel AISI 304, V2A	24 l

Type: 10829030

Veggbrakett for kost

Mål: 90x250x100



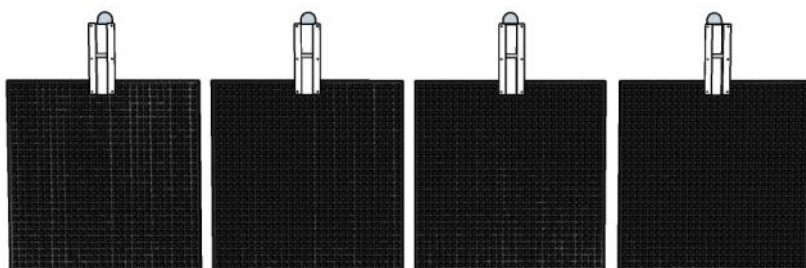
Type: 040 002 055

Pistol holder



Type: 040003830

Lanseholder for 5 lanser



Type: 105750

Matteklyper for veggmontasje

Praktisk for HT spyling av gummimatter eller støvsuging av tekstilmatter.



Type: 105630

Lanseholder for veggmontasje.

Rør Ø: 60mm

Rustfri utførelse



Type: 105620

Lanseholder for gulvmontasje.

Mulighet for drenering nedfelt i gulv (Ø:20mm)

Rør Ø: 60mm

Rustfri utførelse



Type: 105640

Lanseholder for gulvmontasje.

Mulighet for drenering i bunn (Ø:28mm)

Rør Ø: 60mm

Rustfri utførelse



Type: 105660

Dobbel lanseholder for gulvmontasje.

Mulighet for drenering i bunn (Ø:28mm)

Rør Ø: 60mm

Rustfri utførelse

EasyClean EasyWash

Type: 202600950

Sammenbygd lanse/pistol for bilvask.

Solid plaststøpt 600mm lanse med LowTriggerForce pistol.

3/8" slangetilkobling(svivel) og 1/4 "NPT dyseholder.

Kan også leveres med freezeStop/Weep pistol.

God å holde i, lett å bruke!



Type: 202600918

Sammenbygd skumhode/lanse/pistol for bilvask.

Solid lanse med LowTriggerForce pistol.

3/8" slangetilkobling(svivel). Standard levert m/1,9" dyse i ST75 skumhode .

Brukes sammen med for eksempel skuminjektor ST160.

God å holde i, lett å bruke!



Type: 202600955

Sammenbygd kost/lanse/pistol for bilvask.

Solid lanse med LowTriggerForce pistol og solide børster.

3/8" slangetilkobling(svivel).

Kan også leveres med freezeStop/Weep pistol.

God å holde i, lett å bruke!



Everything for professional carwash foaming



New improved version

The new cleaning wonder the so called easyclean365+ Gun ensures the most professional and efficient interior and exterior cleaning of all kinds of dirt in the car wash sector.

From now on strenuous manual work together with different cleaning agents are not necessary anymore as the easyclean365+ Gun removes chocolate on seats, dirt in ventilation ducts and also brake dust on wheel rims by its technically mature technology.

Thereby, it generates the cleaning efficiency of a rotary cutter - only a permanent compressed air connection for minimum 5.5 bar and a suitable cleaning agent are required and necessary. By the needed low water volume and the effect in depth of the dirt a speedy drying of the surfaces is guaranteed!

Save your easyclean365+ Gun today and become acquainted with its convincing performance!

Technical specifications

Working pressure 5.5 - 9.0 bar

Air consumption 200 l/min



R+M Nr.		
106 996 700	1/4" F	1 l

Accessories easyclean365+ Gun



Discharge funnel

R+M Nr.
106 996 710



Spray hose

R+M Nr.
106 996 711



Suction hose

R+M Nr.
106 996 717



Weighted tube ass'y

R+M Nr.
106 996 712



Bottle 1 l

R+M Nr.
106 996 713



Plug for compressed air

R+M Nr.
555 30



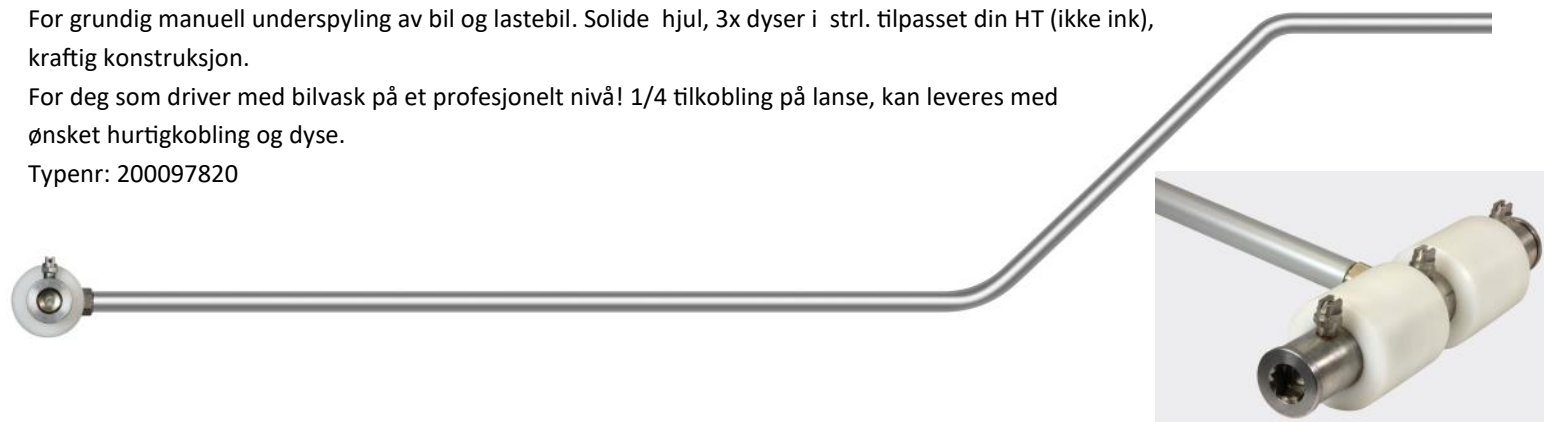


EasyClean Underspyler lanse

For grundig manuell underspyling av bil og lastebil. Solide hjul, 3x dyser i strl. tilpasset din HT (ikke ink), kraftig konstruksjon.

For deg som driver med bilvask på et profesjonelt nivå! 1/4 tilkobling på lanse, kan leveres med ønsket hurtigkobling og dyse.

Typenr: 200097820





Excellent water absorption and high absorption speed by polyurethane skin which treats the surfaces with care.

According to the principle "completely clean with only one wipe". Even spots like fingerprints are removed in the twinkling of an eye and the surfaces gleam in mint condition.

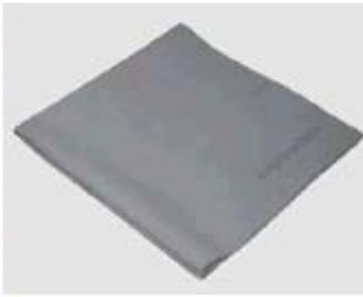
Washable and usable several times.

Water drops on the surfaces after cleaning are a thing of the past and the use of any detergents is dropped.

Due to the interwoven and strong texture the microfibre cloth is tear-resistant. Furthermore, it is lint-free, antibacterial, very kind to your skin and anti-allergic.

Composition: PET/PA microfibre, high-tech polyurethane.

easyclean365+ microfibre cloth WA 1400

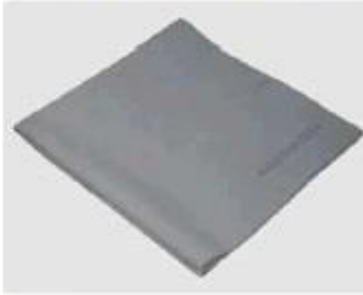


The extremely absorbent drying wonder! Ideal for the professionally exterior cleaning of vehicles, car finish, motorcycles, catering trade, kitchen & bathroom. Single pack with European perforation and product code.

Size: 37.5 x 40 cm **I QCHK**

R+M Nr.	(M)	(VPE)
951 700 611	PET/PA microfibre, high-tech polyurethane	10
951 700 650	PET/PA microfibre, high-tech polyurethane	50

easyclean365+ microfibre cloth WA 1400

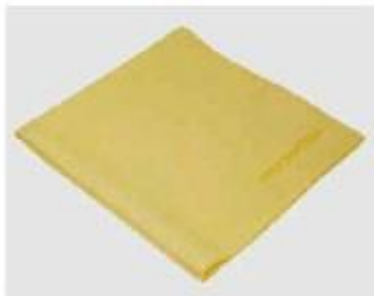


The extremely absorbent drying wonder! Ideal for the professionally exterior cleaning of vehicles, car finish, motorcycles, catering trade, kitchen & bathroom.

Size: 44 x 50 cm **I QCHK**

R+M Nr.	(M)	(VPE)
951 700 601	PET/PA microfibre, high-tech polyurethane	10
951 700 605	PET/PA microfibre, high-tech polyurethane	50

easyclean365+ microfibre cloth WA 600

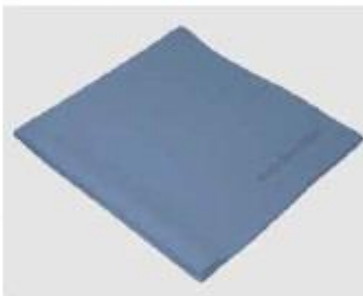


The streak-free cleaning wonder! Ideal for the professionally interior cleaning of vehicles, car finish, motorcycles, catering trade, kitchen & bathroom. Single pack with European perforation and product code.

Size: 35 x 40 cm **J QCHK**

R+M Nr.	(M)	(VPE)
951 700 710	PET/PA microfibre, high-tech polyurethane	10
951 700 750	PET/PA microfibre, high-tech polyurethane	50

easyclean365+ microfibre cloth WA 1400



The extremely absorbent drying wonder! Ideal for the professionally exterior cleaning of vehicles, car finish, motorcycles, catering trade, kitchen & bathroom.

Size: 45 x 50 cm **I QCHK**

R+M Nr.	(M)	(VPE)
951 700 510	PET/PA microfibre, high-tech polyurethane	10
951 700 550	PET/PA microfibre, high-tech polyurethane	50





Rim brushes



Brush for cleaning of car rims. \varnothing 65 mm. Bristles 40 mm

R+M Nr.	↔	M	°C
527 001 105	330 mm	polyester	50 °C

Hand wash brush



Brush with integrated water flow. Connection suitable for 16 mm (universal). Ideal for smaller cleaning applications. Bristles 50 mm

R+M Nr.	↔	M	°C
527 001 103	350 mm	polyester	max. 50 °C

Multi brush



Brush with soft bristles. Suitable for cleaning aluminum rims. Bristles 45 mm

R+M Nr.	↔	M	°C
527 001 112	320 mm	polyester	50 °C

Hand wash brush



Brush with integrated water flow. Connection suitable for 16 mm (universal). Ideal for smaller cleaning applications. Bristles 50 mm

R+M Nr.	↔	M	°C
527 001 103	350 mm	polyester	max. 50 °C

Rim brush for trucks / busses



Brush for the cleaning of rims of trucks and busses. Connection for aluminium handles. Bristles 50 mm

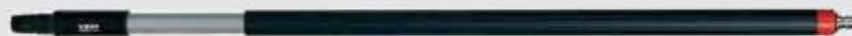
R+M Nr.	↔	M	°C
527 001 102	230 mm	polyester	max. 50 °C

High-low wash brush



The form of the brush assures that the bristles are in constant contact with the surface. The brush is equipped with a rubber edge. Connection for aluminium handles. Bristles 50 mm

R+M Nr.	↔	M	°C
527 001 104	250 mm	polyester	max. 50 °C



Aluminium handle. Ergonomic handle with insulated grip. Connector suitable for Nito system

R+M Nr.	∅	↔	M	°C
527 001 405	34 mm	1020 mm	aluminium	max. 50 °C

**Blue Diamond skum forvask**

Effektive skumvask for personbil

5ltr

Varenr: nerta 300-0005-bdfoa

25ltr

Varenr: nerta 300-0025-adfoa

**Active Diamond skum forvask**

Effektiv skumvask for større kjøretøy

5ltr

Varenr: nerta 300-0005 ad

25ltr

Varenr: nerta300-0025-ADFOAM

200ltr

Varenr: nerta300-0200 act.di

**Sky we64 skum forvask**

Skånsom skumvask for alle kjøretøy

Varenr: nerta 300-0005 dgwe

5ltr

25ltr

Varenr: nerta300-0025-DGWE64

200ltr

Varenr: nerta300-0200 skyw64



ATC200, Sur felgrens

Veldig effektiv på "gule" felger!
10-20% innblanding i vann
Varenr: nerta 300-0005 atc
5ltr



Wheelshine super, Alkalisk felgrens

Veldig effektiv på bremsestøv!
50% innblanding i vann
Varenr: nerta 300-0005-wheel
5ltr



Nova Foamwax, hurtigvoks

Utrolig drøy, påføres som skum.
Gir en flott glans og avrenning
1% innblanding i vann
Varenr: nerta 300-0005 novof
5ltr



Korrotech, fjerner rust/metallpartikler

Må prøves på felger og bilside!
Varenr: nerta CT-J10023-0005
5ltr



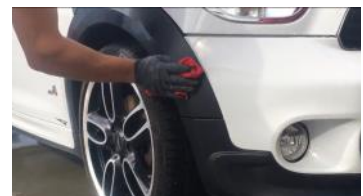
Interiørrens

Spray på, tørk av!
5-10% innblanding i vann
Økonomisk og effektivt produkt.
(Kan brukes med Tornado)
Varenr: nerta 300-0005 int
5ltr



Dekk og støtfanger fornyer

Gir en værbestandig glans
Varenr: nerta 300-0005 tyrbu
5ltr



Glassrens

Etterlater ikke striper!
5-10% innblanding i vann
Varenr: nerta 300-0005-glasn
5ltr



Distributør:

Høytrykk maskiner, tilbehør, høytrykksrekvisita, komplette vaskehaller og komplette løsninger

easyclean

Høytrykkløsninger for profesjonelle!