

Step by Step to the Right Pressure Washer

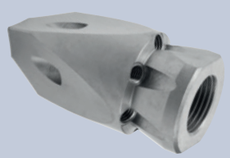
Your requirements are our strength!

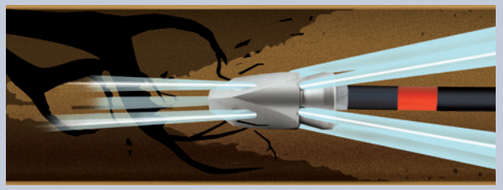
www.rm-suttner.com

Sewer cleaning

(Examples from our sewer cleaning program)

■ **Milling Type Nozzles ST-49,** hardened stainless steel

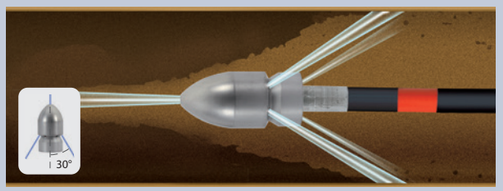




1/4" · 3/8" · 1/2" · 3/4" · 1"

■ **Ball Type Nozzles ST-49, 30°**, hardened stainless steel

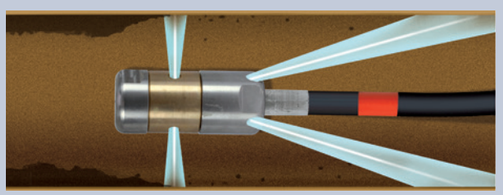




1/4" · 3/8" · 1/2" · 3/4" · 1"

■ **Rotating Nozzles ST-49.2**, stainless steel / bronze





1/4" · 3/8" · 1/2" · 3/4"

■ **sewer**star365+

Rubber-sewer cleaning hose

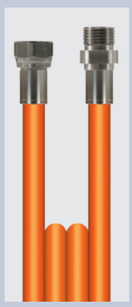
- Highly abrasion-resistant with an extremely long operating life
- High flexibility by especially developed rubber compound
- Ageing resistant and weather-resistant surface
- High stability and low weight
- Excellent pressure resistance and tensile strength
- -40 °C to +150 °C, -40 °F to +302 °F



■ **sewer**clean365+

PU-sewer cleaning hose

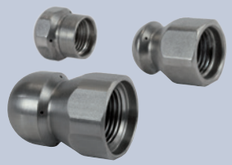
- Cut- and abrasion-resistant
- Extremely long operating life
- Highly tearproof by two-fold braid of aramid fibres and polyurethane surface
- Good swimming features
- Ageing resistant and weather-resistant surface
- -40 °C to +60 °C, -40 °F to +140 °F

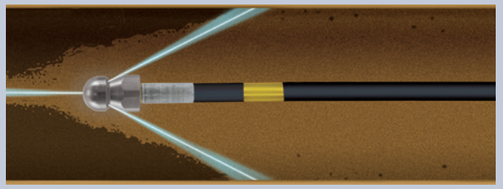


Pipe Cleaning

(Examples from our pipe cleaning program)

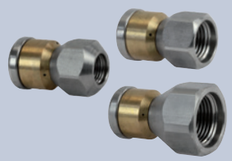
■ **Front Jet Pipe Cleaning Nozzles ST-49**, stainless steel

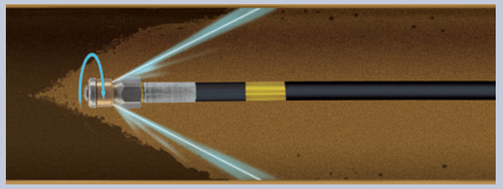




1/8" · 1/4" · 3/8"

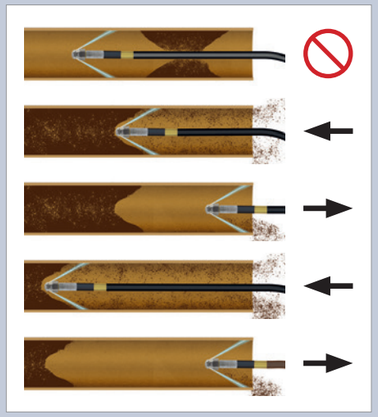
■ **Rotating Nozzles ST-49.1**, stainless steel





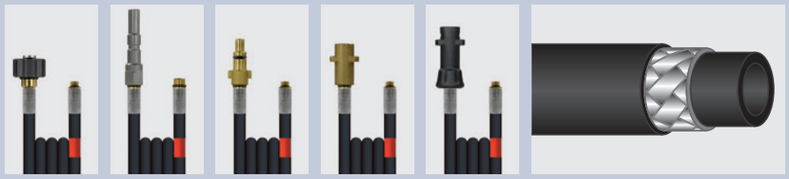
1/8" · 1/4" · 3/8"

■ **Practice**



■ **flexy365+® High pressure hoses**

- Interior synthetic rubber
- Very elastic version
- flexy365+® 300: single wire braid, flexy365+® 500: double wire braid
- Surface synthetic rubber
- Abrasion-, oil-resistant and weatherproof
- Available pre-cut in lengths of 10, 15, 20, 25, and 30 meters, or per metre

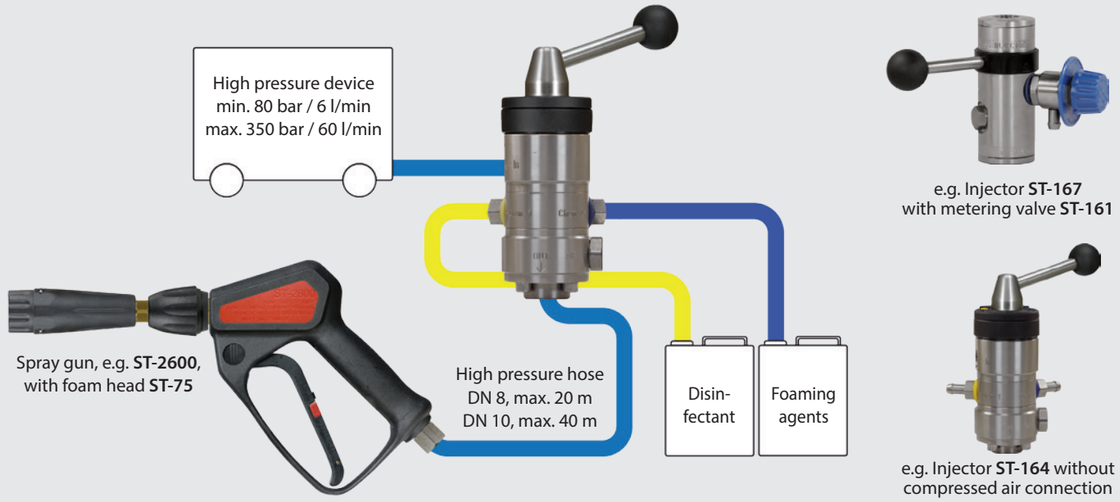


Injector technology

Recommended combinations

Nozzle size	Nozzle size recommendation		Air injector nozzle ST-75 / 76	ST-72
	Injector nozzle	Diffusornozzle		
(030)	1,2	1,7	200 075 406	
(035)	1,3	1,7	200 075 406	
(040)	1,4	1,7	200 075 407	
(045)	1,5	2	200 075 408	
(055)	1,6	2	200 075 410	
(060)	1,7	2,3	200 075 710	
(070)	1,8	2,3	200 075 413	
(080)	1,9	2,3	200 075 413	
(085)	2	2,3	200 075 415	
(090)	2,1	2,8	200 075 415	
(100)	2,2	2,8	3 x 200 075 405	
(110)	2,3	2,8	3 x 200 075 406	
(120)	2,4	2,8	3 x 200 075 406	
(125)	2,5	2,8	3 x 200 075 407	
(140)	2,6	3,2	3 x 200 075 408	
(150)	2,7	3,2	3 x 200 075 408	
(180)	2,8	3,2	3 x 200 075 410	

Assembly scheme injector



e.g. Injector **ST-167** with metering valve **ST-161**

e.g. Injector **ST-164** without compressed air connection



Foam head **ST-75**



ST-72.1 Foam lance with air injector

Step by Step to the Right Pressure Washer

Your requirements are our strength!

1 Requirement

Where does cleaning need to be done?



Automotive / Car Wash

Flow rate 8–15 l/min
Operating pressure max. 150 bar



Food Industry

Flow rate 21–30 l/min
Operating pressure max. 150 bar



Milking parlor

Flow rate 8–15 l/min
Operating pressure max. 150 bar



Pig and Cattle Finishing

Flow rate 26–41 l/min
Operating pressure 120–200 bar



Small Machines

Flow rate 8–15 l/min
Operating pressure max. 150 bar



Trucks / Commercial Vehicles

Flow rate 21–26 l/min
Operating pressure 150 bar



Industrial Plants / Machinery

Flow rate 15–21 l/min
Operating pressure 150–300 bar



Concrete Restoration

Flow rate 15 l/min
Operating pressure 500 bar



Custom Solution

Flow rate over 41 l/min
Operating pressure over 200 bar

Contact us – we will assist with the design!

2 Nozzle + Motor Pump

Choose the right combination …



Nozzle size	Volume (l/min)	Pressure (bar)	Pump	R+M Nr.	Remarks
03	08	150	HRC	170 275 36	230 Volt
04	10	120	HRC	170 280 23	
045	11	120	HRC	170 282 75	
05	13	120	HJK	170 278 70	Hot water up to 85 °C
045	14	170	HXM	170 294 32	Flow Switch ST-7
055	15	150	HXM	170 294 33	
055	15	150	HJK	170 278 71	Hot water up to 85 °C
055	15	150	HXM	170 278 711	
055	15	150	HRMH	170 296 18	Hot water up to 85 °C
045	15	200	HRK	170 238 68	
075	21	150	HRK	170 257 56	
075	21	150	HJK	170 278 72	Hot water up to 85 °C
075	21	150	HRWH	170 269 11	
09	26	150	HXW	170 260 58	
10	30	150	HXW	170 260 60	
15	41	150	HXWL	170 269 00	

3 Mobile or Stationary

Changing Location or Fixed Workplace?

Mobile

■ **Trolleys** – let R+M / Suttner prepare a version for you



e.g. R+M Nr. 710 000 163 389



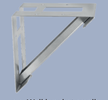
e.g. R+M Nr. 200 163 389



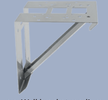
e.g. R+M Nr. 712 000 078

Stationary

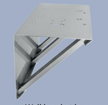
■ **Wall brackets** – in various sizes



e.g. Wall bracket small, R+M Nr. 105 000 021



e.g. Wall bracket medium, R+M Nr. 105 000 022



e.g. Wall bracket large, R+M Nr. 105 000 020

■ **Rubber buffer**

Our recommendation!



Steel, e.g. R+M Nr. 105 000 101,
Stainless steel, e.g. R+M Nr. 105 000 104

■ **Water tank**



e.g. Stainless steel, 60 liters, R+M Nr. 105 000 030

Water filter

For a long service life!

... up to **15 l/min**, we recommend:



Water filter 5", e.g. R+M Nr. 734 290 03

Cartridge filter 5", 60 microns, e.g. R+M Nr. 734 293 00

... up to **41 l/min**, we recommend:



Water filter 9.3/4", e.g. R+M Nr. 734 290 05

Cartridge filter 9.3/4", 60 microns, e.g. R+M Nr. 734 293 02

4 Hose

What is the application?

■ **Flow Rate / Nominal Diameter**

... for a **length of less than 40 meters:**

The diameter has to match the performance!

up to 15 l/min	up to 30 l/min	up to 50 l/min
DN 08	DN 10	DN 12

... for **lengths exceeding 40 meters:** use a larger diameter!

■ **Hose Color / Food-Grade Hoses**

... the hoses should be selected according to the application:

Black	For standard applications, discoloration of the floor is possible
Blue	For applications where the hose does not leave marks, e.g., car wash bays
Grey	For applications where the hose does not leave marks, e.g., swimming pools
Food	For food processing facilities, we recommend **PUReClean365+** hoses bearing the glass-and-fork symbol (EC certification)

■ **Hose Connections**

... use a coupling system or hand-screw fittings for easy assembly without tools:

HV M 22 Thread	Coupling System ST-45-250
	For Hoses with AGR 3/8" Connection

■ **Hose Storage**

... we recommend a hose reel with a hand crank or an automatic return spring

Stability and durability thanks to hose reels!



e.g. R+M Nr. 764 434 36



e.g. R+M Nr. 739 50



e.g. R+M Nr. 740 201 2



e.g. R+M Nr. 739 40

5 Spray gun

Which combination of spray gun and lance?

■ **Spray gun**



Direct screw connection
ST-2300 – 1/4" or M22 F



Professional System
ST-2600 – coupling KW



Premium spray gun
ST-2635, R+M Nr. 202 635 575 – coupling KW : ST-303 swivel



Premium spray gun
ST-2600, R+M Nr. 202 620 655 – coupling KW : swivel

■ **Lance** – the Right Length for Every Application

less than 1,000 mm	e.g. car washing
1,000 mm – 1,200 mm	e.g. floor cleaning
more than 1,200 mm	e.g. wall, ceiling, and truck cleaning

+ Specialized Applications

Innovative products with specialized functions, e.g. …

… and much more – whether it's drain cleaning, foaming, etc.





Push & Pull Lance
for concealed areas and maximum flexibility





Dual Lance
for optimal use with the water broom function





Lance with Rotary Nozzle
for stubborn dirt and deep cleaning

Version 05.26 / Subject to technical changes

Website

Online-Shop

Catalogue

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