

ONE of 6.000

Premium tools for
professionals!





Flushing & Pipe Cleaning

System Overview Flushing & Pipe Cleaning	220 - 221
Flushing	
Flushing Compressors	222 - 223
Cleaning Chemicals	224
Decalcifying	
Decalcifying Pumps	225
Decalcifying Chemicals	226
Pipe Cleaning manual	
Manual Pipe and Drain Cleaning Devices	228 - 230
Pipe Cleaning electric	
Manual Pipe and Drain Cleaning Machines	231
Sectional Drain Cleaning Machines	232 - 233
Drum Drain Cleaning Machines	234 - 236
Pipe & Sewer Cleaning Machines	237
Accessories Pipe Cleaning electric	238 - 239
Pipe Cleaning Spirals	
Spirals	240 - 241
Pipe Cleaning Tools	
Heads & Augers	242 - 246
Tool & Spiral Sets	247 - 248
Accessories Pipe Cleaning Spirals	249
System Overview High Pressure Drain Cleaners	251
High Pressure Drain Cleaning	
High Pressure Drain Cleaners	252 - 253
High Pressure Drain Cleaning Units	254 - 256
Accessories High Pressure Drain Cleaning	257 - 259



Do you want to
know more about
our products?
Please scan the
QR-Code!

Flushing & Pipe Cleaning

System Overview

Flushing

ROPULS



ROPULS eDM



Connection:	1"	1"
Max Pipe diameter:	Ø 50 mm	Ø 50 mm
Max Water pressure:	7 bar	7 bar
Documentation:	–	✓

Page:

223

222

Pipe Cleaning

WC-Blitz



ROPOWER® HANDY



ROSPIMATIC



ROSPI® 6 H+E Plus



Operation Mode:	manual	manual	electric	manual / elektric
Working Range:	Ø 50 - 100 mm	Ø 50 - 100 mm	Ø 20 - 50 mm	Ø 20 - 50 mm
Max. Spiral length:	1 m	2,3 m	7,5 m	4 m
Spiral diameter:	13 mm	16 mm	8 mm	6 mm
Power:	–	–	630 W	–

Page:

230

230

231

229

R 550



ROSPEED 3F



R 600



R 650



Operation Mode:	elektric	elektric	elektric	elektric
Working Range:	Ø 20 - 100 mm	Ø 50 - 100 mm	Ø 20 - 150 mm	Ø 20 - 150 mm
Max. Spiral length:	40 m	30 m	60 m	65 m
Spiral diameter:	8**/ 10**/ 16 mm	16 mm	8**/ 10**/ 16 / 22 mm	8**/ 10**/ 16 / 22 mm
Power:	250 W	250 W	400 W	800 W

Page:

232

236

232

233

Decalcifying

ROCAL 20



ROMATIC 20



Tank Volume:	15 l	15 l
Volume flow:	40 l/min	40 l/min
Delivery height:	10 m	10 m
Motor rating:	150 W	150 W
Max. Temperature:	50 °C	50 °C
Flow reversal:	manual	automatic

Page:

225

225

Pipe Cleaning

ROSPI® 8 H+E Plus



ROSPI® 10 H+E Plus



RODRUM S 10



Manual Drain Cleaner 3 S



RODRUM S 13



manual / electric	manual / electric	electric	manual	electric
Ø 20 - 50 mm	Ø 20 - 70 mm	Ø 40 - 70 mm	Ø 50 - 100 mm	Ø 50 - 100 mm
7,5 m	10 m	10 m	15 m	15 m
8 mm	10 mm	10 mm	13 mm	13 mm
–	–	250 W	–	250 W

229

229

234, 235

230

234, 235

R 750



R 80



R 100 SP



R 140 B



Operation Mode:	electric	electric	electric	Fuel
Working Range:	Ø 50 - 200 mm	Ø 70 - 250 mm	Ø 70 - 250 mm	Ø 100 - 600 mm
Max. Spiral length:	80 m	80 m	100 m	140 m*
Spiral diameter:	16**/ 22 mm	22 / 32 mm	22 / 32 mm	32 mm / rod system
Power:	900 W	1400 W	1400 W	4800 W

Page:

233

237

237

237

* with a rod

** only usable with collet, clamping jaws or adaptor magazine (see page 238)

Flushing & Pipe Cleaning

Flushing

ROPULS eDM flushing compressor

For scouring and cleaning of heating systems and flushing of drinking water pipes according to EN 806 / DIN 1988-2 with protocol function



Product Profile

KEY FEATURES

- **One unit – three uses** for safety and energy efficiency:
 - Flushing of floor heating systems / heating circuits
 - Flushing of drinking water pipes as per DIN 1988-2
 - Sanitizing of drinking water pipes
- Compact dimensions and practical carriage for simple handling during transport and at the building site
- Two flushing speeds (impulse and long-term flushing) for good cleaning results
- Simple to use with the clearly arranged control panel
- Chemical cleaning with ROCLEAN accessories possible
- Free app for easy, professional creation of flushing-protocols as PDF files

TECHNICAL DATA

Pipe connection:	R 1" GK-Coupling
Max. Pipe diameter:	DN 50/2"
Max. flow rate:	5 m³/h
Max. water pressure:	7 bar
Max. water temperature:	30 °C
Protection class:	IP 20
Oil deposition rate:	99,9%
Particle retention rate:	0,3 µm compressor
Max. operating pressure:	8 bar
Engine Power:	1,5 kW
Mains connection:	230 V - 50 Hz
Dimensions (H x W x D):	630 x 380 x 340 mm

Large LED display for flow rate amounts and metering impulse, membrane keyboard with program selection keys

Clearly arranged control panel

For removing deposits in floor heating and radiators

Clean heating systems save energy

Loosening and flushing of construction material before the initial start up

Clean, perfect hygienic pipe systems regarding drinking water installations

Flushing of drinking water pipes with pulsing compressed air water mix as per DIN 1988-2

Safety for plumbers and plant operators

Quick connect NW 7,2

For connecting pneumatic tools

Function switch

Enables you to change ROCLEAN functions easily

ROPULS eDM
– Documentation
✓ Easy
✓ Fast
✓ Professional

ROPULS eDM App with documentation feature

ROPULS eDM with ROCLEAN Function for cleaning and conservation



ROCLEAN Function, optional available for ROPULS eDM and ROPULS Flushing compressor!

Scope of delivery (No. 1000001134) ROPULS eDM flushing compressor, 2 x 1 m fabric hose 1" with GK coupling

Model



No.

ROPULS eDM flushing compressor with hoses 28 **1000001134**

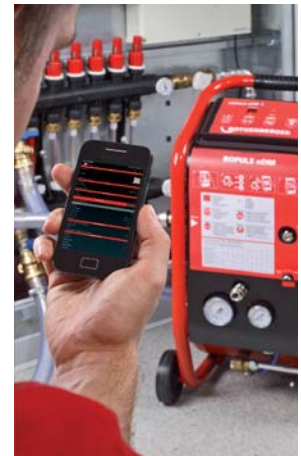
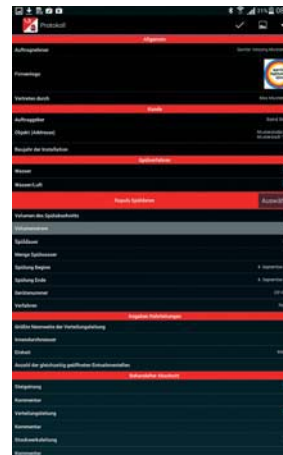
ROPULS eDM App

Professional working and documentation due to eDM (electronic Data Management)



KEY FEATURES

- Report can be e-mailed immediately as a PDF
- Transfer of flushing data via Bluetooth
- Applicable for Android and Windows devices
- Easy, fast, professional documentation
- Company profiles and protocols individually customizable
- Live data transfer to handheld unit
- Templates for various flushings-protocols available



ROPULS Flushing Compressor

With the same range of functionality as ROPULS eDM, but without eDM (electronic Data Management)



Function switch

Enables you to change ROCLEAN functions easily

For removing deposits in floor heating and radiators

Clean heating systems save energy

Loosening and flushing of construction material before the initial start up

Clean, perfect hygienic pipe systems regarding drinking water installations

Flushing of drinking water pipes with pulsing compressed air water mix as per DIN 1988-2

Safety for plumbers and plant operators

11

ROCLEAN Function, optional available for ROPULS eDM and ROPULS Flushing compressor!

Scope of delivery (No. 1000000145) ROPULS flushing compressor, 2 x 1 m fabric hose 1" with GK coupling

Model	kg	No.
ROPULS flushing compressor with hoses 28		1000000145

ROPULS with ROCLEAN Function: Flushing of drinking water pipes



ROPULS Flushing compressor with ROCLEAN Function



ACCESSORIES

Model	No.
ROCLEAN Injector	1000000190
Pressure regulator 2 bar	1500000203
ROCLEAN cleaning and conservation	224

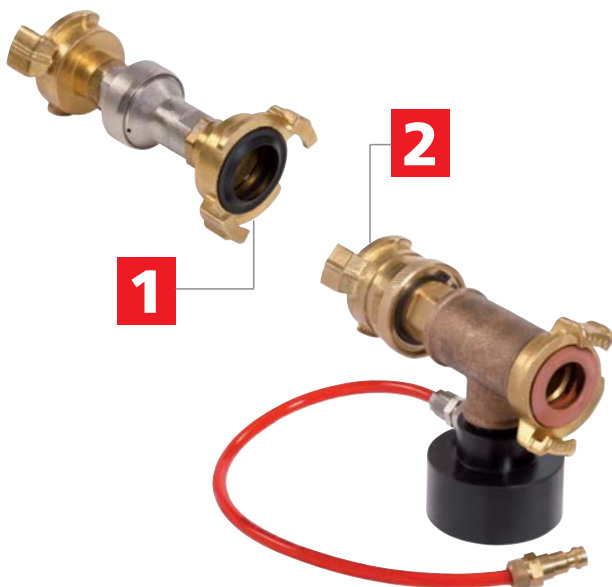


Flushing & Pipe Cleaning

Flushing

ROCLEAN Funktion

For cleaning and conserving radiator heating systems, surface heating systems as well as for disinfection of drinking water lines



1 The pressure reducer has to be installed on the water input side of the ROPULS flushing compressor. This maintains the incoming pressure of the fresh water feed constant at 2 bar.

2 The **ROCLEAN Injector** has to be installed on the water output side. The injector constantly and securely doses the bottle contents to the system to be cleaned.



Model	kg		No.
ROCLEAN Injector	1,1	1	1000000190
Pressure regulator 2 bar	0,3	1	1500000203

Cleaning and Preservation with ROCLEAN

Cleaning chemicals for radiator heating systems



For cleaning incrustations and tough deposits. Suitable for all standard pipe materials. Does not stay in system. One bottle per 100 l system volume.



Cleaning chemicals for surface heating systems



For cleaning of deposits and bio films. Suitable for all standard pipe materials. Does not stay in system. One bottle per 100 l system volume.



Preservative for radiators and surface heating systems



Maintains the cleaned condition and protects the system. One bottle is sufficient for 100 l system volume.



Disinfection of drinking water systems



Does not stay in system. One bottle per 100 l system volume.



Cleaning and preservation steps:

Before cleaning	
Step 1: Mechanical cleaning	
Step 2: Chemical cleaning	
Step 3: Preserving	

Model	Color code	kg		No.
ROCLEAN Injector		1,1	1	1000000190
Pressure regulator 2 bar		0,3	1	1500000203
Chemical cleaning:				
– Radiator heating systems	Orange	6,3	6	1500000200
– Surface heating systems	Green	6,3	6	1500000201
Preservative	Blue	6,3	6	1500000202
Disinfection	Yellow	6,3	6	1500000157

Flushing & Pipe Cleaning

Decalcifying

ROCAL 20 / ROMATIC 20

Decalcifying pump with flow direction change



Product Profile

RANGE OF USE

For the quick decalcifying of heat exchangers, water pipes, water tanks, heat and cooling systems

KEY FEATURES

- With the help of the flow reversal (change of the direction of flow) even very hard calcifications and deposits can be loosened
- Only ROMATIC: Running time of the pump and flow reversal can be programmed, which enables comfortable operation
- Approved for fluid temperatures up to 50° C for especially efficient decalcifying
- Constant circulation of the decalcifying chemical prevents damage that can be caused by the development of gas during decalcification

TECHNICAL DATA

Connection:	R 1/2"
Tank volume:	15 l
Power supply:	230 V 50 Hz
Motor rating:	150 Watt
Volume flow:	40 l / min.
Delivery height:	10 m



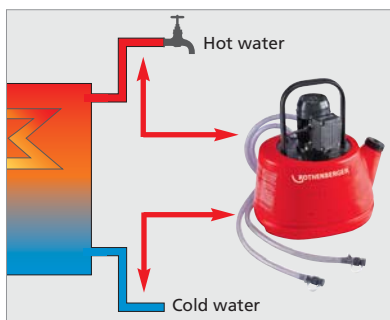
Fig. ROCAL 20

Automatic flow reversal!

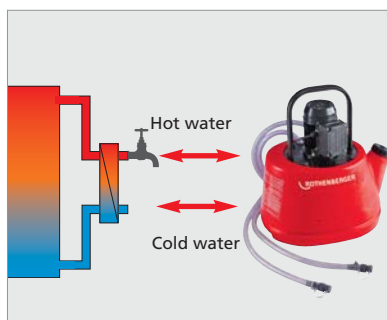


Fig. ROMATIC 20

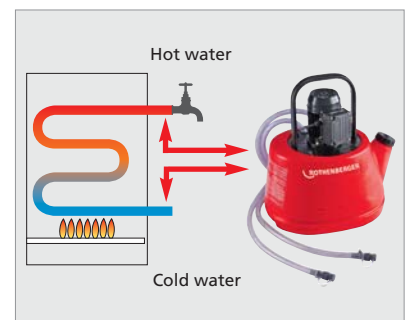
Decalcifying of drinking water storage tanks



Decalcifying of fresh water stations and external heat exchangers



Decalcifying of heat exchangers, water heaters or drinking water pipes



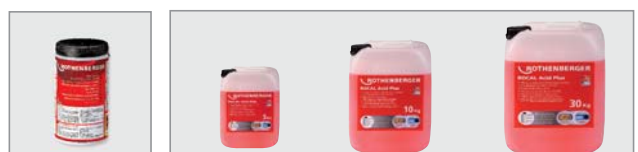
11

Scope of delivery: ROCAL 20 (No.61190) and ROMATIC 20 (No. 61100) each contain: 2x hoses with 1/2" connection (2 m long), 2 x double nipple 1/2-3/8", 2 x double nipple 1/2-3/4, 2 x double nipple 1/2-1/2", 2x double socket 3/4-3/4", 2 x reduction piece 1/2-3/4"

Description	kg		No.
ROCAL 20	6	1	61100
ROMATIC 20	6	1	61190

ACCESSORIES

Decalcifying chemical for ROCAL 20, ROMATIC 20 see 226



Flushing & Pipe Cleaning

Decalcifying

ROCAL Acid Multi / Plus

Decalcifying chemical for use with ROCAL 20, ROMATIC 20

Product Profile

RANGE OF USE

ROCAL Acid Multi

For the safe decalcification of all piping systems, heat exchangers, fresh water stations and water tanks

ROCAL Acid Plus

For strong calcifications and scale build-up. Only suitable for technical systems. Not suitable for drinking water pipes.

KEY FEATURES

- With colour indication. The use of the chemical effects is shown by the change of the fluid colour
- Concentrate to mix with water
- With corrosion protection



No. 1500000115

No. 1500000116

No. 1500000117



No. 61105

No. 61106

No. 61110

	ROCAL Acid Multi	ROCAL Acid Plus
Copper	●	●
Steel	●	●
Stainless steel	●	-

● suitable - unsuitable

	ROCAL Acid Multi	ROCAL Acid Plus
Aluminium	●	-
Brass	●	-
Plastic	●	-

● suitable - unsuitable

Model	kg			No.
ROCAL Acid Multi	5	1	4	1500000115
ROCAL Acid Multi	10	1	2	1500000116
ROCAL Acid Multi	30	1		1500000117

Model	kg			No.
ROCAL Acid Plus	5	1	4	61105
ROCAL Acid Plus	10	1	2	61106
ROCAL Acid Plus	25	1		1500000914

Neutralizer Powder

Neutralizes ROCAL Acid Plus / ROCAL Acid Multi

Product Profile

RANGE OF USE

Use is necessary after ROCAL Acid Plus / ROCAL Acid Multi has been used. The neutralizer dissolves in water. The decalcification pump and system are flushed with this solution. The PH value in the system and pump is neutral afterwards.

Model	kg			No.
Neutralizer Powder	1	1	5	61115
Neutralizer Powder	10	1	2	61120



No. 61115

No. 61120



ROSOLAR PUMP /
ROSOLAR PUMP PLUS

Solar filling pump

Product Profile

KEY FEATURES

- A powerful centrifugal pump for rapid filling and effective flushing out and ventilation of solar plant
- Optional: robust and heat resistant (up to 90°C) Impeller pump: small particles of solid materials are also conveyed without difficulty. Fitted with a pressure relief valve
- Heat resistant hoses (up to 100°C) allow safe filling and maintenance of solar plant
- A height-adjustable (76-110 cm) telescopic grip for space-saving storage, simple transport and good handling in tight cellars
- Well thought-through handling: the canister can easily be filled through the large opening. The shut-off valve in the bottom allows simple/uncomplicated emptying of the whole container

TECHNICAL DATA

Dimensions (H x W x D):	49 x 51 x 76 cm
Container volumes:	30 l
Hoses:	Length: 2 x 3 m Connections: 3/4" Heat resistant: up to 100°C

A generously dimensioned
container opening

Makes easy and secure filling possible

Optional: A fleece filter bag

For gentle treatment of the internal filter
on older plant experiencing strong pollution

A dirt filter with sight glass

Filters residues out
of the medium

Height-adjustable
telescopic grip (76 - 110 cm)

Small and flexible as required

Heat resistant hoses
(up to 100°C)

Safe working –
also when servicing
solar plant with knit
protection at the hose
connection

Optional:
impeller pump

Small particles of solid
materials are also conveyed
without difficulty

11

Model	No.
ROSOLAR PUMP (with centrifugal pump)	1500000135
ROSOLAR PUMP PLUS (with impeller pump)	1500000136
Fleece filter bag ROSOLAR (10 pcs.)	1500001236
Return flow cover (for filter bags)	1500001235

A return flow cover
with filter



Hose connection with
anti-kink protection



Ball valve



Flushing & Pipe Cleaning

Pipe Cleaning manual

ROPUMP® SUPER PLUS

Professional force pump cleaner

The optimum introduction tool for the removal of obstructions in basins, bowls, tubs and toilets, etc., using water pressure

Quick – Compact – Handy!

Product Profile

KEY FEATURES

- Optimal adjustment for even the most difficult to reach drains with the appropriate adaptor
- Best force transmission with the flexible, adjustable handle
- Optimal sealed system and therefore the highest suction and pressure power with the silicon sealing lip and single-cast main body

KEY FEATURES

- Simple handling with the perfect adaption an the drain, simple to use, with ergonomic formed components

Flexible, in all directions adjustable handle
Optimal adaption to the cleaning job

Single-cast main body
Withstands the heaviest loads

Ergonomic D-handle
Perfect transmission of force and optimal handling

Piston with silicon sealing lip
Effortless handling

Short and long Adaptor included in scope of delivery!

Short adaptor

Long adaptor

Adaptor wide No. 72073

Adaptor long No. 72071

Model	kg	g	No.	
ROPUMP® SUPER PLUS with 2 Adaptors (long, short)	2.00	1	4	072070X
Adaptor long	0.66	1		72071
Adaptor short	0.16	1		72072
Adaptor wide	0.40	1		72073

ROPUMP®

Force pump cleaner according to the air-pump principle with water pressure



Flexible socket

Various areas of application

Dissolves obstructions in drains, basins, showers, bathtubs, etc.

Product Profile

KEY FEATURES

- Small and handy
- Compact and effective

Model	kg	g	No.
ROPUMP® with flexible socket	500	1	71991

Flushing & Pipe Cleaning

Pipe Cleaning Manual

ROSPI® H+E PLUS

Professional manual and electrical drain cleaning unit

Clean and comfortable removal of obstructions in kitchen, bath, toilets or drainage openings with drain cleaning spiral

Product Profile

KEY FEATURES

- Removal of sinks and siphon filters is not necessary
- Switch from manual to electrical use within seconds
- Secure hold even at higher speeds during drill operation
- Impact-resistant and protected from dirt contamination
- Hexagonal drive for conventional power drills

TECHNICAL DATA

Range of use:	20 - 50 mm
Spiral:	Ø 8 mm x 7.5 m



Electrical operation with cordless drill



Manual operation



Model		kg		No.
ROSPI® 6 H+E Plus 4.5 m	1.4	1	2	72090
ROSPI® 8 H+E Plus 7.5 m	3.5	1	2	72095
ROSPI® 10 H+E Plus 10.0 m	4.8	1	2	72005
For spare spirals see 249				

Flushing & Pipe Cleaning

Pipe Cleaning Manual & Electric

ROPOWER® HANDY

Manual drain cleaning unit, Ø 50 - 100 mm

A universal manual drain cleaning unit for fast clearance of obstructions. The spiral permits the attachment of a wide range of ROTHENBERGER pipe cleaning tools with 16 mm couplings

KEY FEATURES

- Additional spiral cleaning effects with the use of a square spiral



Set (No. 71973) includes: ROPOWER® PROFILE Spiral 2.3 m without core (No. 72494), manual crank (No. 71976), safety gloves (No. H81401), separating pin (No. 72100), blade cutter Ø 25 mm (No. 72169)

Model	kg		No.
ROPOWER® HANDY complete	1.7	1	71975
ACCESSORIES			
Manual crank	0.4	1	71976
ROPOWER® PROFILE CABLE w/o plastic core	1.2	1	72494

Manual Drain Cleaner Type 3 S

For pipes Ø 40 - 100 mm,
Spirals Ø 13 mm x 15 m with 16 mm coupling

KEY FEATURES

- Flexible use with a wide range of applications**
For use with all ROTHENBERGER drain cleaning tools with 16 mm couplings
- Cleaning unit with stand**
Secure use
- Plastic spiral drum**
Corrosion-proof and impact-resistant



Set includes (No. 72003): Manual drain cleaner Type 3 S (No. 72003), spirals Ø 13 mm x 15 m (No. 72016), cross-blade cutter Ø 35 mm (No. 72176) and separating pin (No. 72100)

Model	kg		No.
Manual drain cleaner Type 3 S, complete	17.50	1	72003
Spare spiral Ø 13 mm x 15 m	7.00	1	72016
Cross-blade cutter Ø 35 mm	0.04	1	72176
Separating pin	0.01	1	72100

Further Ø 16 mm tools can be found on **242**

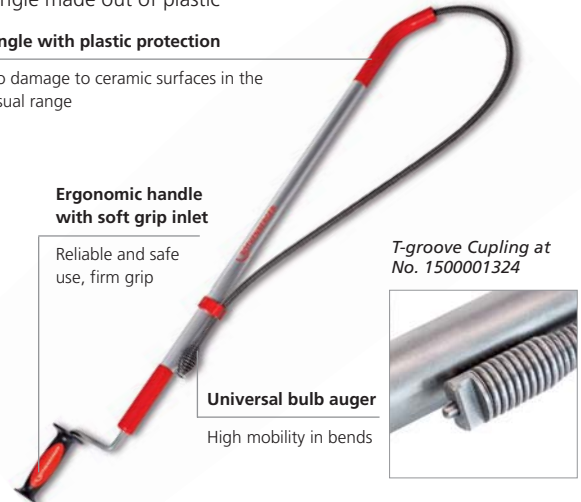
WC-BLITZ RO-3 Toilet Auger

KEY FEATURES

- Flexible use even in hard-to-reach places**
With tough cleaning bulb auger. Extendable handle and 1 m spiral length, Ø 1/2"
- No damage to ceramic surfaces**
Angle made out of plastic

Angle with plastic protection

No damage to ceramic surfaces in the visual range



Model	kg		No.
WC-Blitz RO-3 complete with spiral	2.75	1	78551
WC-Blitz RO-3 with tool coupling	2,90	1	1500001324

ROSPI® R 36 Plus

Electrical drain cleaning unit
for pipes Ø 20 - 75 mm

Ideal for small jobs in the kitchen, bathroom or toilet



KEY FEATURES

- Clean use and sturdy construction**
Closed plastic container for spiral, impact-resistant and crack-proof
- Safe grip and operation even at high speed**
Extra long handle with soft grip inlay

TECHNICAL DATA

For pipes: Ø 20 - 75 mm
Spirals: Ø 8 mm x 7.5 m (Standard) & Ø 10 mm x 7.5 m



Model	kg		No.
ROSPI® R 36 Plus Standard Electro	4,7	1	72525

For spare spirals see **249**

Flushing & Pipe Cleaning

Pipe Cleaning Electric

ROSPIMATIC

Electrical pipe and drain cleaning machine up to Ø 50 mm

Powerful and quick removal of tough obstructions in access lines with the one-of-a-kind spiral forward and reverse system without changing the rotational direction



Product Profile

KEY FEATURES

- Switch between forward and reverse under full-load without the need to change the motor rotational direction is possible, which makes obstruction removal faster
- The spiral drive can be combined with 3 different cleaning tools, more efficient operation
- Spiral locking mechanism with torque control enables an optimal reverse of the spiral
- Enclosed spiral container prevents contamination by reversal of the spiral
- The flexible protective hose prevents the surrounding from soiling with spray water

TECHNICAL DATA

Application range:	20 - 50 mm
Spiral with inner-core & Bulb auger:	Ø 8 mm x 7.5 m
Dimensions (without spiral):	560 x 200 x 320 mm
Weight (with 8 mm spiral):	5 kg
Rating:	630 W
Speed:	0 - 950 min ⁻¹

One-of-a-kind spiral control mechanism

Quick and comfortable switching between forward and reverse under full-load is possible

Locking knob with torque control

No crushing of the spiral (longer service life)

Removal of the obstruction

Spiral can be combined with 3 different pipe cleaning tools (accessories, retrofitable)

Closed plastic spiral container

Protects the surrounding from dirt

Tool set optional

Electronic speed control

Optimal pipe cleaning results

With bulb-auger



With coupling for various tools



With flexible guide hose



Set (No. 72942) includes: blade cutter (No. 72764), cross-blade cutter (No. 72765), ball head cutter (No. 72766), separating pin (No. 72102)

Model		No.
ROSPIMATIC incl. 8 mm / 7.5 m spiral, 230 V	1	78576
Spiral 8 mm / 7.5 m with steel core	1	72413
Spiral 8 mm / 7.5 m with coupling and core	1	72425
Tool set (4 piece)	1	72942
ROSPIMATIC protective hose	1	72542

Fast removal of obstructions





For additional accessories see 238



Flushing & Pipe Cleaning

Pipe Cleaning Electric



Model		230 V	110/115 V
R 550 including guide hose	16.0	72686	72631
Tool sets and accessories starting on 	238		



Model		230 V	110/115 V
R 600 including guide hose	20.9	72687	72632
Tool sets and accessories starting on 	238		

R 550

Drain cleaning machine for pipe Ø 20 - 100 mm

Reliable, high-performance drain cleaning machine with a variety of general purpose maintenance uses

Product Profile	
APPLICATION AREA	
Especially light, compact and handy design: Ideal for the universal service use by pipe obstructions in connecting pipes from wash basins, toilets, sewage pipes, floor drains and roof drainage	
KEY FEATURES	
<ul style="list-style-type: none"> Extremely light Direct attachment of 16 mm spirals Optional Ø 8 and 10 mm with adaptor magazine possible Maximum working length 40 m, with Ø 16 mm S-spiral 	
TECHNICAL DATA	
For pipe diameters:	Ø 20 - 100 mm
Direct attachment:	Ø 16 mm spirals
With adaptor magazine:	Ø 8 mm and 10 mm
Max. working length:	40 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	440 W (Power input)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	583 min ⁻¹ , RH and LH drive
Weight:	16.0 kg

R 600

Drain cleaning machine for pipe Ø 20 - 150 mm

For installation and maintenance work in hospitals and municipal facilities

Product Profile	
APPLICATION AREA	
Universal use both indoors and outdoors: The powerful motor works reliably even against stubborn obstructions. A wide range of accessories is available	
KEY FEATURES	
<ul style="list-style-type: none"> Direct up take from 16 mm and 22 mm spirals Optional Ø 8 and 10 mm with adaptor magazine possible Maximum working length 50 m, with Ø 16 mm S-spirals Maximum working length 60 m, with Ø 22 mm S-spirals 	
TECHNICAL DATA	
For pipe diameters:	Ø 20 - 150 mm
With direct attachment:	Ø 22 and 16 mm spirals
With adaptor magazine:	Ø 8 und 10 mm
Max. working length:	60 m with Ø 22 mm S-spirals 50 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	690 W (Power input)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	467 min ⁻¹ , RH and LH drive
Weight:	20.9 kg

Flushing & Pipe Cleaning

Pipe Cleaning Electric

R 650

Drain cleaning machine for pipe Ø 20 - 150 mm

For professional mobile drain cleaning. Compact, robust and powerful, even by the toughest pipe obstructions

Product Profile

APPLICATION AREA

Perfectly suited for rough use and in extreme working conditions: Quiet operation and powerful cleaning action, even when cutting through roots or grinding out cement and lime deposits

KEY FEATURES

- Double motor performance (cp. R 600)*
- Flexible with drive lever that can be fitted on the side
- Direct up take of 22 mm and 16 mm spirals
- Optional Ø 8 and 10 mm with adaptor magazine possible
- Maximum working length 65 m, with Ø 22 mm S-spiral

TECHNICAL DATA

For pipe diameters:	Ø 20 - 150 mm
Direct attachment:	Ø 22 und 16 mm spirals
With adaptor magazine:	Ø 8 mm and 10 mm
Max. working length:	65 m with Ø 22 mm S-spirals 55 m with Ø 16 mm S-spirals 10 m with Ø 8 and 10 mm spirals
Rating:	1,350 W (Power input)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	623 min ⁻¹ , RH and LH drive
Weight:	22.8 kg



Drive lever can be fitted on the side
Flexible use

Model	kg	230 V	110/115 V
R 650 including guide hose	22.8	72688	72633
Tool sets and accessories starting on	238		

R 750

Drain cleaning machine for pipe Ø 20 - 200 mm

For professional mobile drain cleaning. Compact, robust and powerful, even by the toughest pipe obstructions

Product Profile

APPLICATION AREA

Perfectly suited for the cleaning of domestic connections and main pipes: Quiet operation and powerful cleaning action. Usable for such as chain spinning, grinding and cutting roots

KEY FEATURES

- Drive lever can be rotated (180°), locked and used as a handle for easy wheeling
- Direct up take of 32 mm and 22 mm
- Optional Ø 16 mm with clutch jaw possible
- Maximum working length 70 m, with Ø 22 mm S-spirals

TECHNICAL DATA

For pipe diameters:	Ø 20 - 200 mm
With direct attachment:	Ø 32 and 22 mm spirals
With clutch jaw:	Ø 16 mm
Max. working length:	80 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals 55 m with Ø 16 mm S-spirals
Rating:	1,400 W (Power input)
Voltage:	230 / 110 / 115 V, 50 Hz
Speed:	467 min ⁻¹ , RH and LH drive
Weight:	33.5 kg



Full rubber transport wheels

Comfortable transport, high mobility and a secure stand

Model	kg	230 V	110/115 V
R 750 including guide hose	33.5	72689	72634
Tool sets and accessories starting on	238		

Flushing & Pipe Cleaning

Pipe Cleaning Electric

RODRUM S

Drum drain cleaning machine with automatic spiral feed. For pipes from Ø 40-100 mm. Perfectly suited for use in public and commercial buildings.

Product Profile

KEY FEATURES

- Clean and discreet use
- Easy handling due to automatic spiral feeding and retrieving
- New feeding unit for direct pressure relief by release of the feeding handle
- Machine works with Ø 10 and Ø 13 mm spirals

KEY FEATURES

- **Flexible use:**
Drum interchangeable for different pipe diameters
- **Easy to use:**
Feeding and pressure relief with single handle
- **Clean:**
Spiral in detachable drum

Interchangeable drum

Fast change between Ø 10 mm and
Ø 13 mm spirals, easy to carry

Spiral protection

Fast tension relief from the
spiral to prevent damage
just by releasing the lever

Cleanout slots and drain plug

Easy and fast cleaning of the drum

Rubber feet

No damage to the floor

2-in-1 feeding unit

Suitable for Ø 10 mm and
Ø 13 mm spirals

11

Flushing & Pipe Cleaning

Pipe Cleaning Electric



APPLICATION AREA

- Compact constructions: Ideal for service deployment to unblock pipes in connecting pipes of wash basins, toilets, drainage pipes, floor drainage
- The dirty spiral moves on retraction into the spiral drum. Due to its clean and discrete operation, the machine is best suited for SHK-companies and their services in private houses, hospitals and clinics, gastronomy and hotels, Facility Management and public buildings

TECHNICAL DATA

Working Area / Pipe diameter:	Ø 40-100 mm
Max. Working length:	10 m (with 10 mm Spirals) 15 m (with 13 mm Spirals)
Power:	250 W
Speed (Drum)	300 r/min.
Product dimensions:	58 x 33 x 39 cm

Cleaning of connection pipe with 10 mm spiral



Convenient transport thanks to detachable drum



Interchangeable drum for different working ranges



Model	kg	No.
RODRUM S 10 EU	18,9	1000001256
RODRUM S 13 EU	24,8	1000001307
RODRUM S 13 EU with Tool-Set	25,7	1000001257
Spiral 13 mm x 15 m wit reinforced wire		72016
Spare spiral RODRUM S 13 mm x 15 m		1300002582

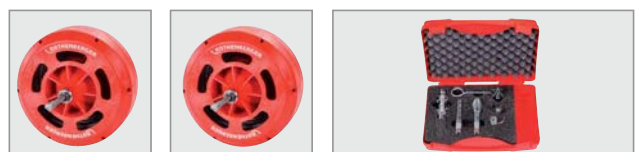
Set (No. 1000001256) includes: RODRUM S 10, Guide hose (No.1300002581), Spiral guide gloves (No.1500000439)

Set (No. 1000001257) includes: RODRUM S 13, Chain spinning head (No. 072185F), Cross blade cutter (No.72176), Forked cutter (No.72164), Bulb auger (No. 72163), Retrieving auger (No. 72162), Straight auger (No. 72161), Separating pin (No.72100), Guide hose (No.1300002581), Spiral guide gloves (No.1500000439)

ZUBEHÖR

Model	No.
RODRUM S 10 Drum	5,5 1000001275
RODRUM S 13 Drum	11,4 1000001276
Tool-Set 16 mm	5,5 1000001308

Spirals, Drain cleaning tools 240



Flushing & Pipe Cleaning

Pipe Cleaning Electric

ROSPEED 3F

High-performance pipe cleaning innovation for pipes
 Ø 50 - 100 mm, automatic spiral feed.
 Ideal for use inside buildings



Product Profile

APPLICATION AREA

By returning spiral, the pipe contamination stays in the drum unlike the sectional machines. That is why this unit is ideally suited use by HVAC professionals, for example, for in private homes, hospitals and clinics, gastronomy and hotels, schools and nursing homes, facility management and other public buildings

KEY FEATURES

- The unit can be used immediately
- Easy and comfortable handling with the automatic feed
- Clean and discrete use
- Clear controls

KEY FEATURES

- 3F – three functions in one unit:
 - Scrubbing
 - Pulsating
 - Final cleaning
- Simple cleaning of the drum with a steam cleaner (for example)

TECHNICAL DATA

For pipe diameters:	Ø 50 - 100 mm
With direct attachment:	Ø 16 mm
Max. working length:	15 m up to 30 m expandable
Rating:	250 W
Speed:	270 - 340 min ⁻¹ , 3 Step adjustable
Weight:	47.5 kg

Electronic display – 3F

Clear and easy control of the 3 cleaning functions

Forced guidance of the spiral, parallel layer winding, remains balanced

Spiral will not twist or turn in the drum

Spiral control in direction of rotation, automatic feed and retraction

Optimum handling

Clamping mechanism with T-groove coupling

For secure lengthening or shortening of the spiral

ATC- Automatic Torque Control – One-of-a-kind automatic rpm control protects spiral and motor!

Toolbox is included in delivery

Immediately ready-to use

Stainless steel grip

Easy to extend and pack away

Cleaning plug on the back side of the drum

Easy cleaning of the drum

With 6 professional tools to get started

- Straight Auger
- Bulb Auger
- Retrieving Auger
- Chain-spinning Head
- Cross-blade cutter, serrated
- Spiral Sawtooth Cutter

Included in delivery

Set (No. 72960) for Standard 16 mm includes: Basic machine, straight auger (No. 72161), bulb auger (No. 72163), retrieving auger (No. 72162), chain-spinning head (No. 072185F), cross-blade cutter, serrated (No. 72176), spiral sawtooth cutter (No. 72166), separating pin (No. 72100), guide hose (No. 72540), ROWONAL spray (No. 72142), plastic carrying case

Model	kg		No.
ROSPEED 3F (230 V) with tool set	47.5	1	72960
Spiral 16 mm x 15 m with steel core	15.0	1	72918

Flushing & Pipe Cleaning

Pipe Cleaning Electric

R 80

One-man professional machine for pipes Ø 50 - 250 mm

KEY FEATURES

- Small, compact design permits the machine to pass through doorways
- Portable and easy to navigate stairs
- Transports easily in any service vehicle, collapsible
- Ideal for manhole inspections through defined working height
- Fatigue-free clamping when working with large spiral diameters and lengths
- Integrated, spacious toolbox



TECHNICAL DATA

For pipe diameters:	Ø 50 - 250 mm
For drain cleaning spirals:	Ø 22 and 32 mm
Max. working length:	80 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals
Rating:	1.4 kW (1.9 HP) RH / LH rotation
Weight:	52 kg



Includes: Basic machine, grease gun (No. 855156), Allen keys (1 x No. 321515, 1 x No. 321188, 1 x No. 321189), open-ended spanners (1 x No. 310411, 1 x No. 310450)

Model	kg	230 V / 50 Hz
R 80 basic machine	52.0	72585

R 100 SP

One-man professional machine for pipes Ø 50 - 250 mm

KEY FEATURES

- Ideal for confined spaces such as skylights or ducts
- Portable and easy to navigate stairs
- Adjustable working heights, foldable
- Extendable supporting feet
- Transports easily in any service vehicle

TECHNICAL DATA

For pipe diameters:	Ø 50 - 250 mm
For drain cleaning spirals:	Ø 22 and 32 mm
Max. working length:	100 m with Ø 32 mm S-spirals 70 m with Ø 22 mm S-spirals
Rating:	1.4 kW (1.9 HP) RH / LH rotation
Weight:	57 kg



Includes: Basic machine, grease gun (No. 855156), Allen key (No. 321515), open-ended spanners (No. 310450)

Model	kg	230 V / 50 Hz
R 100 SP basic machine	57.0	72610

R 140 B

For municipal and industrial applications Ø 100 - 600 mm

KEY FEATURES

- Effortless conversion from spiral to rodding operation
Working range from Ø 100 - 250 mm with 32 mm spirals
Working range from Ø 150 - 600 mm with bar
- Petrol engine, independent from electric power supply
- Ideal for rodding work in rural area pipes
- Extremely powerful reversible drive
- 1 forward and 1 reverse gear
- Speed controlled by means of a manual throttle
- Manual slip clutch
- With quick-change couplings for rodding tools

TECHNICAL DATA

For pipe diameters:	Ø 100 - 600 mm
For drain cleaning spirals:	Ø 32 mm
For rods:	Ø 6 mm, 3/4"
Max. working length:	100 m with 32 mm-spirals 140 m with rod
Rating:	4.8 kW (6.6 HPS), petrol engine
Motor:	RH / LH rotation
2 gear reversible drive speed:	160 - 600 min ⁻¹
Weight:	97 kg



Includes (No. 72971): R 140 (No. 72970) with rod, 25 x adaptor 3/4" (No. 78581) rod turning grip (No. 78580), tool adaptor for mounting 32 mm spirals (No. 72122), tool adaptor for 32 mm spiral rod coupling (No. H99569), rod tool adaptor (No. H99120), guide glove, left (No. 72120), guide glove, right (No. 72121), separating pin (No. 72101), funnel auger (No. 72322), straight auger (No. 72321), bulb auger (No. 72271), retrieving auger (No. 72325), spiral sawtooth cutter Ø 65 mm (No. 72329), dual spade head cutter (No. 72774), forked cutter Ø 76 (No. 72350), forked cutter Ø 85 (No. 72781), forked cutter Ø 112 (No. 72782), tool box (No. FF60185), operating instructions (machine, motor, gears)

Model	kg	No.
R 140 B basic machine	97.00	72970
R 140 B with rod and tool set	108.50	72971

Flushing & Pipe Cleaning

Accessories Pipe Cleaning Electric



Clutch Jaws

For machine type	For spirals Ø	kg	No.
R 550			
(from Serial No. 411542)	16 mm	0.1	72538
(up to Serial No. 411541)	16 mm	0.1	72536
R 600/650			
(from Serial No. 409001)	16 and 22 mm	0.3	72638
(up to Serial No. 409000)	16 and 22 mm	0.3	72666
R 750	22 and 32 mm	0.4	72563
R 80/100 SP	22 mm	0.4	72561
R 80/100 SP	32 mm	0.3	72562



Adaptor Magazines

- Clean, safe storage of 8 and 10 mm spirals
- Impact-resistant container with clutch jaws and precision clutch

For machine type	for spirals Ø	max. spiral length	kg	No.
R 550	8 and 10 mm	10 m	1.3	72511
R 600/650	8 mm	10 m	1.8	72514
R 600/650	10 mm	10 m	1.8	72515



Clutch Jaws for R 750

For machine type	For spirals Ø	kg	No.
R 750	16 mm	0.3	72915

Ensures safe, kink-free spiral feed



With precision quick coupling

Spiral Guide Hoses

- Prevents contamination and damage

Model	For machine type	For spirals Ø	length	kg	No.
FS 16	R 550/ROSPEED 3F	16 mm	2 m	1.1	72540
FS 22	R 600/650	22 mm	4 m	2.8	72541
FS 32	R 750/80/100 SP	32 mm	4 m	4.1	72559



Ceramic Protection Hose

- For the protection of ceramic
- With adjustable holding clamp

For spirals	length	kg	No.
Ø 8, 10, 16 mm	540 mm	0.4	72705



Tripod Stand

- Collapsible and galvanised
- Provides an ideal working height of the drain cleaning machine, for example: Toilets
- Inspection holes in downpipes
- Spiral retrieving device

For machine type	kg	No.
R 550 - R 600 - R 650 - R 750	3.0	58182

Flushing & Pipe Cleaning

Accessories Pipe Cleaning Electric

Spiral Retrieving Device


- Safe feeding / retrieving of spirals in downpipes
- Suitable for all Ø 22 and 32 mm open-wound spirals
- Suitable as pusher unit for difficult obstructions
- Also suitable as adaptor for third-party equipment without problems
- With water supply connection (two 1" threaded couplings)
- Socket for tripod stand

Model		No.
Spiral Retrieving Device	3.7	72135



Telescoping Guide Tubes

- No twisting: For safe spiral guidance in manholes and manhole covers


Description	Extended length m	Type		No.
For spirals Ø 16, 22 mm	1.4 - 2.3	2 pieces	3.0	72130
For spirals Ø 22, 32 mm	1.9 - 4.3	3 pieces	10.0	72131



ROWONAL Care and Rust Remover

- For cleaning, preservation and protection of spirals, couplings and tools
- For cleaning, rust-removal and disinfection



Description	Contents		No.
Spray can	0.2 l	220	72142
Plastic canister	5.0 l	5,100	72140


Spiral Guide Gloves

- For safe grasping and guiding of cleaning spirals

Guide Gloves, leather:


- Full leather with short cuff
- Robust and comfortable, inner glove surface studded
- Only to be used with hygiene glove

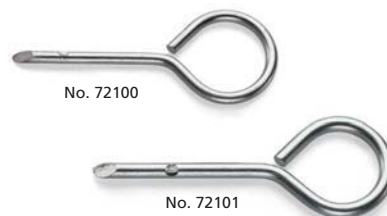


Description		No.
Guide Gloves left, leather	190	72120
Guide Gloves right, leather	190	72121
Guide Gloves (pair), rubber	160	1500000439

Separating Pin


- For disconnecting spirals and spiral tools

Model		No.
For spirals / tools with Ø 16 mm	20	72100
For spirals / tools with Ø 22 and 32 mm	30	72101
For spirals / tools with Ø 8 mm	15	72102



Spiral Baskets

- Safe storage combined with convenient transport
- Perfectly suited for cleaning and preservation

Model	Spiral length max.		No.
For spirals / tools with Ø 16 mm	34.5 m	1.3	72110
For spirals / tools with Ø 22 mm	22.5 m	1.6	72112
For spirals / tools with Ø 22, 32 mm	22.5 m	2.3	72111



Flushing & Pipe Cleaning

Pipe Cleaning Spirals

ROTHENBERGER High-Performance Drain Cleaning Spirals

For the toughest demands during continuous operation

Product Profile

KEY FEATURES

- **Bevelled lead-ins on the T-groove coupling**
Quick, trouble-free coupling even when wearing gloves
- **For the toughest demands even during continuous operation**
Different wire gauge can be chosen depending on use, high material characteristics, perfected production process
- **Maximum spring tension with high elasticity and flexibility**
Specially hardening process
- **Optimum high torque transmission**
Tightly wound spiral with short pitch
- **Increased spiral tension when machine turns clockwise and depending on the resistance of the obstruction**
Professional left-handed wound spiral

TECHNICAL DATA

Manufactured from quality spring steel, Type C DIN EN 10270-1 Material No. 1.1200
Specially hardened and tempered
Safety T-groove coupling system with NIROSTA- pressure pin locking mechanism
Spring mounted NIROSTA pressure pin with NIROSTA spring

With Lockring



Sufficient connecting coil

Spare couplings can be mounted easily



Various wire gauges

Flexible, depending on use

Insertion taper

Simple coupling of spirals and tools



ROPOWER PROFILE CABLE

Additional cleaning effect with the squared profile



Plastic core

Spiral won't clog with dirt



T-groove made of Nirosta steel

Long lasting and high functional safety with the high-quality coupling design

Spiral / Type	Short distance many bends	Long distance straight run	No clogging of the Spiral with dirt	Additional cleaning power
Standard Spiral	●	○	○	○
SMK-Spiral	●	○	●	○
S-Spiral	○	●	○	○
S-SMK-Spiral	○	●	●	○
ROPOWER PROFILE	○	●	●	●

○ not suitable ● suitable

Flushing & Pipe Cleaning

Pipe Cleaning Spirals

ROPOWER® PROFILE CABLE

Spiral with special galvanized wire shape

KEY FEATURES

- Squared spiral wire profile (DIN EN 10270-1)
Additional cleaning effect on pipe wall
- Plastic core
No clogging of the spiral with dirt
- Especially suitable for working over long distances



mm	Core	inch	L m	kg	No.
16	●	5/8"	2.3	1.3	72490
Safety T-groove couplings can be found on 249					

Standard Spirals

- Flexible spiral, for cleaning jobs with short distances with a succession of pipe bends



mm	inch	L m	Wire thickness Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.0	C 8	1.05	72431
22	7/8"	4.5	4.5	C 10	3.98	72441
32	1.1/4"	4.5	5.0	C 11	6.29	72451
Safety T-groove couplings can be found on 249						

S-Spirals

- Very stable spiral with increased wire diameter for long distances and less bends
- High rigidity, suitable for demanding work, such as root cutting, milling



mm	inch	L m	Wire thickness Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.5	E 8	3.00	72428
22	7/8"	4.5	5.0	E 10	4.18	72443
32	1.1/4"	4.5	6.0	E 11	6.80	72453
Safety T-groove couplings can be found on 249						

ROTHENBERGER Lock Ring

One-of-a-kind safety ring for the optimum transmission of the torque pressure onto the coupling with 100% surface pressure

KEY FEATURES

- Self locking connection of spiral and coupling:
With increased stress on the spiral, the torque pressure on the spiral end is increased and is transferred with 100% surface coverage onto the coupling.
- Safety ring made out of flexible and self-binding material:
With increased stress the ring will not slide, rather because of the 100% surface pressure, it adjusts itself to positively lock onto the coupling
- Optimum force transmission for professional pipe cleaning
- Increased safety
- Increased durability / service life of the spiral



SMK-Spirals

- Flexible spiral, for cleaning jobs with short distances with a succession of pipe bends
- Additional protection of the spiral from clogging with the plastic core



mm	inch	L m	Wire thickness Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.0	C 8	1.24	72433
22	7/8"	4.5	4.5	C 10	4.64	72442
32	1.1/4"	4.5	5.0	C 11	7.63	72452
Safety T-groove couplings can be found on 249						

S-SMK-Spirals

- Very stable spiral with increased wire diameter for long distances and less bends
- High rigidity, suitable for demanding work, such as root cutting, milling
- Additional protection of the spiral from clogging with the plastic core



mm	inch	L m	Wire thickness Ø mm	R/K Type	kg	No.
16	5/8"	2.3	3.5	E 8	1.30	72435
22	7/8"	4.5	5.0	E 10	4.78	72444
32	1.1/4"	4.5	6.0	E 11	7.85	72455
Safety T-groove couplings can be found on 249						

Flushing & Pipe Cleaning

Drain Cleaning Tools

With Lock Ring!



Examples of Use

Tool expertise from ROTHENBERGER

Application areas for ROTHENBERGER high-performance drain cleaning tools with T-groove secure couplings

Suitable for all ROTHENBERGER drain cleaning spirals with

- Ø 16 mm - 5/8"
- Ø 22 mm - 7/8"
- Ø 32 mm - 1.1/4"

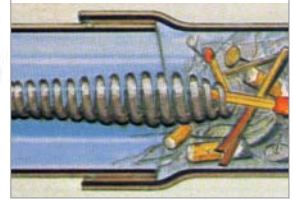
See the following pages for more information on professional tools in various versions and dimensions for loosening obstructions and cleaning drains

Bulb Auger

243



The most common tool for cleaning pipes and drains with tight or multiple bends

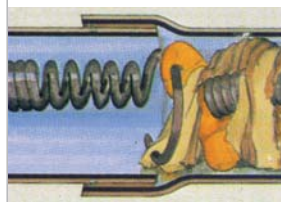


Retrieving Auger

243



Special tool for retrieving objects from the pipe, e.g. textiles, spirals or tools

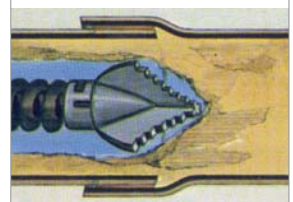


Cross-blade Cutter, serrated

244



Special tool for opening up solidified pipe obstructions

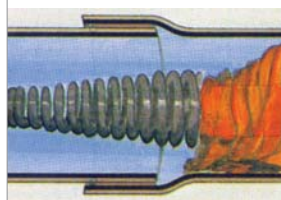


Funnel Auger

243



Tool for removing, opening or retrieving obstructions caused by, e.g. textiles

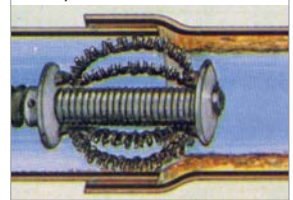


Chain-spinning Head with Spikes

245



For concrete, cast iron and ceramic pipes. Intensive action. Without rings = for tight pipe bends, with 3 chains

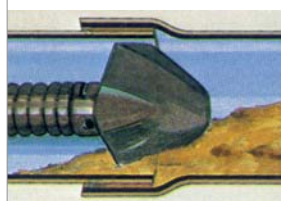


Spade Head Cutter

244



Ideally suited for slit or sludge deposits in pipes, and as a follow-up tool

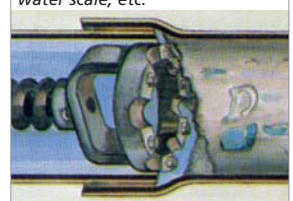


Carbide-tipped Cutters

246



This carbide-tipped tool is used to remove the hardest obstructions such as cement, urine and water scale, etc.

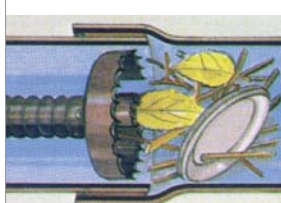


Spiral Sawtooth Cutter

244



Special tool for chopping up small roots and other material that have become caught in the pipe

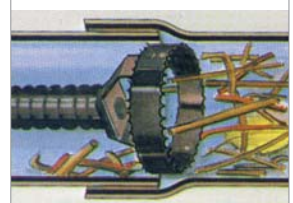


Two-way Root Cutter

246



Special tool for cutting roots in both directions. Also suitable for solid materials



Bulb Auger, long

- With the longer, more flexible range the bulb auger is considerably more flexible in curves. Pipe from Ø 40 mm



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	28	500	40 - 75	220	72158
22 / 7/8"	40	500	50 - 100	464	72208

Straight Auger

- Standard tool for establishing the nature of an obstruction
- For piercing or drilling through obstructions caused by textiles, paper, cellulose materials, kitchen refuse, etc.
- For removing samples to determine a suitable clearing tool



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	16	110	40 - 75	60	72161
22 / 7/8"	22	210	75 - 100	170	72221
32 / 1.1/4"	32	220	100 - 250	350	72321

Funnel Auger

- For removing or opening up obstructions caused by textiles or paper
- Large grasping ability can also be used to retrieve spirals from drains



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	32	110	50 - 100	80	72165
22 / 7/8"	55	185	110 - 150	280	72222
32 / 1.1/4"	60	195	100 - 250	500	72322

Bulb Auger, short

- Suitable for tight pipe bends
- Standard, highly flexible tool for clearing light textile and paper obstructions



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	28	115	40 - 75	70	72163
22 / 7/8"	40	180	75 - 100	220	72263
32 / 1.1/4"	50	220	75 - 250	490	72363

Retrieving Auger

- Special tool designed with a claw for retrieving textiles, tools, spirals, etc.



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	35	55	50 - 75	35	72162
22 / 7/8"	45	100	75 - 150	110	72203
32 / 1.1/4"	65	125	75 - 250	240	72325

Drop-head Auger

- Ideal for particularly tight pipe bends, branches and small-diameter drain downpipes



Coupling mm / inch	mm	L mm	Working range mm	g	No.
16 / 5/8"	24	83	50 - 75	60	72159
22 / 7/8"	37	125	60 - 100	180	72264

Flushing & Pipe Cleaning

Drain Cleaning Tools

Hardened spring steel blades!






No. 72154



No. 72164

Four-blade Cutter

- For cutting through and removing tough obstructions
- For the removal of sludge deposits
- Ideal with S-spirals




Coupling mm / inch			Working range mm		No.
16 / 5/8"	40	40	50 - 75	30	72154
16 / 5/8"	30	40	50 - 75	20	72164



No. 72234

- Standard tool for removing grease and other soft deposits, e.g. soap accumulations

Grease Cutter




Coupling mm / inch			Working range mm		No.
16 / 5/8"	25	35	40 - 75	30	72169
16 / 5/8"	35	45	50 - 75	40	72170
16 / 5/8"	45	56	60 - 100	50	72171
22 / 7/8"	45	60	60 - 125	80	72234



No. 72261

Spade Head Cutter

- Curved special tool for silt and sludge deposits




Coupling mm / inch			Working range mm		No.
22 / 7/8"	65	65	100 - 150	150	72261
32 / 1.1/4"	65	70	100 - 150	250	72360



No. 72229

Spiral Sawtooth Cutter

- Special tool for chopping up small roots, branches and other materials
- Not suitable for plastic pipes!

Coupling mm / inch			Working range mm		No.
16 / 5/8"	35	25	50 - 75	40	72166
22 / 7/8"	45	40	75 - 100	100	72229
32 / 1.1/4"	65	55	75 - 100	210	72329




- Used for textile or sludge obstructions!
- Hardened, break-proof, spring steel blades!
- Recommended for use with S or SMK spirals!



No. 72275

Cross-blade Cutter, serrated

- Powerful combination tool for grinding up and removing solidified obstructions
- For coarse removal of incrustations
- As preparatory tool for chain spinning

Coupling mm / inch			Working range mm		No.
16 / 5/8"	25	35	50 - 75	30	72175
16 / 5/8"	35	45	50 - 75	40	72176
16 / 5/8"	45	56	75 - 100	65	72177
16 / 5/8"	55	60	100 - 125	80	72178
22 / 7/8"	45	60	100 - 125	90	72275
22 / 7/8"	65	60	100 - 150	190	72276
22 / 7/8"	75	80	100 - 150	220	72277
32 / 1.1/4"	45	60	100 - 125	140	72374
32 / 1.1/4"	65	70	100 - 150	260	72375
32 / 1.1/4"	90	100	125 - 200	490	72376
32 / 1.1/4"	115	120	150 - 250	640	72377

Flushing & Pipe Cleaning

Drain Cleaning Tools

Chain-spinning Heads

Without ring, with smooth chain




KEY FEATURES

- For cleaning greasy and incrustated pipes
- Surface-preserving cleaning of ceramic and plastic pipes
- Without ring: improved manoeuvrability in bends



No. 72284

Chain-spinning Heads without ring and without spikes

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
Without ring, with 2 chains					
16 / 5/8"	30	105	50 - 125	120	072185F
16 / 5/8"	30	155	100 - 125	160	72185
22 / 7/8"	50	170	100 - 150	530	72284
Without ring, with 4 chains					
16 / 5/8"	40	155	60 - 125	270	72187
22 / 7/8"	60	170	80 - 130	710	72289

Improved mobility!



No. 72289

Chain-spinning Heads with Spikes

KEY FEATURES

- Intensive cleaning action
- Ideal for concrete and cast iron pipes
- Reduces the risk of renewed obstructions
- Perfectly suitable for down pipes
- **With ring:**
for better centering in horizontal pipe runs
- **Without ring:**
Improved mobility in bends






No. 72286




Ideal for final cleaning!

Better alignment in horizontal pipe position!

Chain-spinning Heads with ring and spikes

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
16 / 5/8"	30	160	70 - 125	320	72182
22 / 7/8"	65	170	100 - 125	1,060	72285
22 / 7/8"	75	170	100 - 150	1,110	72286
32 / 1.1/4"	75	220	100 - 125	1,700	72341

Without ring, with 2 or 4 chains and spikes

Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
Without ring, with 2 chains					
16 / 5/8"	30	155	50 - 125	160	72186
22 / 7/8"	50	170	100 - 150	860	72278
32 / 1.1/4"	70	220	100 - 150	1,350	72347
Without ring, with 4 chains					
16 / 5/8"	40	155	75 - 125	280	72188
22 / 7/8"	60	170	100 - 150	880	72299
32 / 1.1/4"	80	220	100 - 200	1,460	72348



No. 72278



No. 72188

For better curve manoeuvrability!

Flushing & Pipe Cleaning



Drain Cleaning Tools

Carbide-tipped Cutters

- Carbide-tipped cutters for the hardest obstructions and incrustations such as cement deposits, urine and water scale and other hard deposits
- Recommended for use with S or SMK spirals

Carbide-tipped Cutters!






Coupling mm / inch	 mm	Form	Working range mm	 g	No.
16 / 5/8"	25	straight	35 - 50	70	72191
16 / 5/8"	30	straight	50 - 75	80	72193
22 / 7/8"	30	straight	50 - 75	90	72291
22 / 7/8"	45	pointed	60 - 100	320	72295
32 / 1.1/4"	45	straight	60 - 100	240	72392
32 / 1.1/4"	55	pointed	70 - 100	400	72396
32 / 1.1/4"	80	straight	100 - 200	530	72398

Two-way Root Cutter

- With hardened spring steel cutter for chopping up roots in both directions
- Recommended for use with S or SMK spirals
- Not suitable for use with plastic pipes

Replaceable blades!






Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	65	80	100 - 125	250	72265
22 / 7/8"	90	85	125 - 200	290	72266
32 / 1.1/4"	65	80	100 - 125	290	72365
32 / 1.1/4"	90	90	125 - 200	330	72366
32 / 1.1/4"	150	130	200 - 300	550	72367
Spare cutter	65	-	-	120	72270
Spare cutter	90	-	-	150	72271

Serrated Forked Cutter

- Particularly suitable for sludge deposits and roots
- Hardened spring steel cutter with teeth on both sides, long service life





Coupling mm / inch	 mm	 mm	Working range mm	 g	No.
22 / 7/8"	76	100	100 - 150	230	72250
22 / 7/8"	100	100	125 - 150		72251
32 / 1.1/4"	76	100	120 - 200	260	72350
32 / 1.1/4"	100	100	125 - 200		72351
Spare blade	76	-	-	90	72258
Spare blade	100	-	-	120	72259

Ball Head Cutter

- Perfectly suited for use in pipes with hard incrustations such as lime, urine scale, etc.
- Suitable for downpipes, its round shape ensures excellent curve mobility even at 90°



Coupling mm / inch	Working range mm	 mm	 g	No.
4 Blade				
16 / 5/8"	50 - 75	25	42	72168
16 / 5/8"	50 - 75	35	80	72172
16 / 5/8"	75 - 100	55	144	72173
22 / 7/8"	100 - 125	35	126	72207
22 / 7/8"	100 - 125	55	198	72223
22 / 7/8"	100 - 150	75	438	72224
22 / 7/8"	100 - 150	95	634	72226
32 / 1.1/4"	100 - 125	55	228	72324
32 / 1.1/4"	100 - 150	75	468	72326
8 Blade				
22 / 7/8"	125 - 150	90	1025	72227
22 / 7/8"	125 - 150	115	1225	72228
32 / 1.1/4"	125 - 200	95	1108	72327
32 / 1.1/4"	150 - 200	115	1256	72328

Tool Set L

Ø 16 mm, 10 pieces



Set (No. 72936) includes: PVC- case (No. 55016), separating key 16 mm (No. 72100), retrieving auger 16 mm (No. 72162), bulb auger 16 mm (No. 72163), serrated forked cutter 16 mm (No. 72164), blade cutter 16/25 mm (No. 72169), cross-blade cutter 16/45 mm (No. 72177), chain-spinning head 16 mm with 2 smooth chains (No. 72185), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Model	No.
16 mm Tool Set L (R 550, R 600, R 650)	72936

Tool Set L

Ø 22 mm, 11 pieces



Set (No. 72938) includes: PVC-case (No. 55016), separating key 22 mm (No. 72101), retrieving auger 22 mm (No. 72203), serrated forked cutter 22 mm (No. 72250), spade head cutter 22/65 mm (No. 72261), bulb auger 22 mm (No. 72263), two-way root cutter 22/65 mm (No. 72265), cross-blade cutter 22/65 mm (No. 72276), chain-spinning head 22 mm with 2 smooth chains (No. 72284), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Model	No.
22 mm Tool Set L (R 600, R 650, R 750)	72938

Tool Set S

Ø 16 mm, 5 pieces



Set (No. 72937) includes: Separating pin 16 mm (No. 72100), straight auger 16 mm (No. 72161), bulb auger 16 mm (No. 72163), blade cutter 16 mm (No. 72169), cross-blade cutter 16 mm (No. 72175)

Model	No.
16 mm Tool Set S (R 550, R 600, R 650)	72937

Tool Set S

Ø 22 mm, 6 pieces



Set (No. 72939) includes: Separating pin 22 mm (No. 72101), straight auger 22 mm (No. 72221), serrated forked cutter 22 mm (No. 72250), spade head cutter 22 mm (No. 72261), bulb auger 22 mm (No. 72263), cross-blade cutter 22 mm (No. 72276)

Model	No.
22 mm Tool Set S (R 600, R 650, R 750)	72939

Flushing & Pipe Cleaning

Drain Cleaning Tools

With Lock Ring!



Spiral and Tool Sets

Standard Ø 16 mm



Set (No. 072945X) includes: Spiral basket 16 mm (No. 72110), 5 x 16 mm standard spirals (No. 72431), PVC-case (No. 55016), straight auger 16 mm (No. 72161), bulb auger 16 mm (No. 72163), blade cutter 16/25 mm (No. 72169), separating pin 16 mm (No. 72100), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Description	Model	kg	No.
Standard 16 mm	with standard spirals	12.0	072945X

Spiral and Tool Sets

Standard Ø 16 / 22 mm

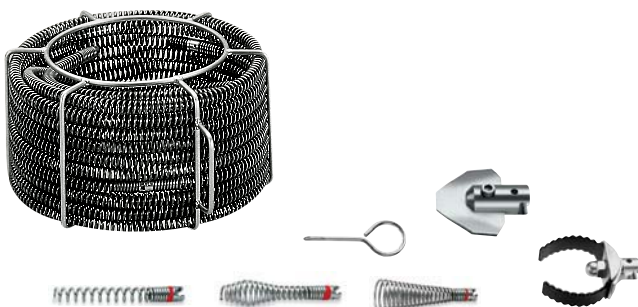


Set (No. 072956X) includes: Spiral basket 16 mm (No. 72110), 5 x 16 mm standard spirals (No. 72431), straight auger 16 mm (No. 72161), bulb auger 16 mm (No. 72163), blade cutter 16/25 mm (No. 72169), separating pin 16 mm (No. 72100), spiral basket 22 mm (No. 72112), 5 x 22 mm standard spiral (No. 72441), PVC-case (No. 55016), straight auger 22 mm (No. 72221), bulb auger 22 mm (No. 72263), funnel auger 22 mm (No. 72222), spade head cutter 22/65 mm (No. 72261), serrated forked cutter 22/76 mm (No. 72250), separating pin 22/32 mm (No. 72101), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Description	Model	kg	No.
Standard 16-22 mm	with standard spirals	38.0	072956X
SMK 16-22 mm	with SMK spirals	39.0	072967X

Spiral and Tool Sets

Standard Ø 22 mm



Set (No. 072955X) includes: Spiral basket 22 mm (No. 72112), 5 x 22 mm standard spirals (No. 72441), PVC-case (No. 55016), straight auger 22 mm (No. 72221), bulb auger 22 mm (No. 72263), funnel auger 22 mm (No. 72222), spade head cutter 22/65 mm (No. 72261), serrated forked cutter 22/76 mm (No. 72250), separating pin 22/32 mm (No. 72101), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Description	Model	kg	No.
Standard 22 mm	with standard spirals	24.0	072955X

Spiral and Tool Sets

Standard Ø 32 mm



Set (No. 072962X) includes: Spiral basket 32 mm (No. 72111), 5 x 32 mm standard spirals (No. 72451), PVC-case (No. 55016), straight auger 32 mm (No. 72321), retrieving auger 32 mm (No. 72325), funnel auger 32 mm (No. 72322), spade head cutter 32/65 mm (No. 72360), spiral sawtooth cutter 32/65 mm (No. 72329), separating pin 22/32 mm (No. 72101), guide gloves, left/right (No. 1500000439), ROWONAL spiral spray (No. 72142)

Description	Model	kg	No.
Standard 32 mm	with standard spirals	37.0	072962X

Flushing & Pipe Cleaning

Accessories Pipe Cleaning Spirals

Spirals 8 mm / 10 mm

For ROSPI® H+E PLUS, ROSPI® R 36 PLUS, ROSPIMATIC and adaptor magazine

KEY FEATURES

- Heavy duty spiral made out of special steel (DIN EN 10270-1) with integrated bulb auger (except No. 72421, 72423)
- Suitable for ROSPI H + E Plus, ROSPI 36 Plus, ROSPIMATIC as well as with adaptor R 550, R 600, R 650
- The wire diameter with an 8 mm spiral averages Ø 2 mm, and with 10 mm spirals Ø 2.5 mm
- Easy to use, even in tight bends, especially with 8 mm spirals also directly through sink strainers, crosses and drains without having to disassemble the drain or stench tap

mm	Wire Ø	Length	Type	Steel core	Use for for ROSPI®	kg	No.
6.4	2 mm	4.5	-	-	R 6	0.8	72522
8	2 mm	7.5	C 1	-	R 8 - R 36	1.8	72412
8	2 mm	7.5	C 1 - IC	●	R 8 - R 36	2.3	72413
8	2 mm	10.0	-	-	R 8 - R 36	2.4	72414
8	2 mm	10.0	-	●	R 10 - R 36	3.0	72415
10	2.5 mm	10.0	C 5	-	R 10 - R 36	3.5	72422
10	2.5 mm	7.5	C 4	-	R 10 - R 36	2.9	72420
10	2.5 mm	7.5	C 4 - IC	●	R 10 - R 36		72424
10	2.5 mm	7.5	-	-	R 10 - R 36		72421*
10	2.5 mm	7.5	-	●	R 10 - R 36	2.9	72423*

*with T-groove coupling



No. 72413



No. 72421 / No. 72423

Reducing / Extension Pieces

For spirals with T-coupling

Within limits, tools with larger or smaller lead-ins can also be adapted



No. 72461



No. 72460

Description	negative	positive	g	No.
Extension piece	16 mm	22 mm	140	72461
Reducing piece	22 mm	16 mm	150	72460
Extension piece	22 mm	32 mm	320	72463
Reducing piece	32 mm	22 mm	330	72462

Safety T-Couplings

Fixing of broken spirals!

for Standard and SMK spirals



No. 72210



No. 72211

Description	16 mm 5/8"	22 mm 7/8"	32 mm 7/8"
for Standard and SMK spirals			
positive	20 72150	40 72210	100 72310
negative	20 72151	40 72211	100 72311

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

High-Pressure Drain Cleaner

Soiled pipes are flushed using the high-pressure system with up to 200 bar. At the start of cleaning, a cleaning hose is introduced into the pipe. Water is then flushed through the pipe at a pressure dependant on the level of soiling - until the pipe is completely clean.

For the removal of the obstructions and possible deposits there are a number of different nozzles that can be used eg. quattro 3-sided nozzle, the rotating nozzle or the grenade nozzle. Working with these special cleaning nozzles, in addition to water pressure, enables a quiet, quick and precise procedure.

Even the hardest incrustations are loosened and flushed away – without the need for chemicals. By controlling the high-pressure unit with the remote control, the operator can continue working without any interruption.

High-pressure cleaning is an efficient and cost-effective solution for obstructions in ground pipes, for soil and rain water as well as for pipes that transport grease, and for the removal of roots. This method is therefore used for land drainage, gutters, courtyard drainage, rain-water downpipes, rainwater canals, etc.

**Efficient and
cost-effective
solution for
obstructions in
ground pipes!**



11

HD 19/180B from the HD series



ROJET® 30/130 from the ROJET® series



ROJET® 40/100 from the ROJET® series



Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

High-Pressure Drain Cleaner

High-quality professional unit Ø 40 – 200 mm working range

Product Profile

KEY FEATURES

- Wide range of high-pressure cleaners for professional use. High-quality components and an optimum ratio between power density and operating pressure guarantees reliable operation and effective cleaning
- For cleaning pipes, drains, rainwater downpipes, domestic connections, cleaning work in sewers as well as surface cleaning of vehicles, machines, buildings and floor tiles
- High-performance, self-priming compact unit

TECHNICAL DATA

Continuous pressure regulation:

Pump with 3 ceramic plungers running in an oil bath, run-dry protection, stainless steel valves, brass pump housing, leakage return flow, pressure gauge with bar/psi scale, self priming up to 2 m

With integrated suction injector (all versions):

External supply of cleaning agents

High operational safety: No damage to the high-pressure seal

HD 11 / 90 for pipe: Ø 40 - 150 mm, max. 20 m

HD 13 / 100 for pipe: Ø 40 - 150 mm, max. 20 m

HD 17 / 190 for pipe: Ø 40 - 200 mm, max. 40 m

HD 19 / 180B for pipe: Ø 40 - 200 mm, max. 40 m

High-Pressure Drain Cleaning

HD 11/90



HD 13/100



HD 17/190



Rating:	230 V	230 V	400 V
Max. Pipe diameter:	Ø 150 mm	Ø 150 mm	Ø 200 mm
Max. working length:	20 m	20 m	40 m
Max. Operation pressure:	90 bar	100 bar	190 bar
Pump delivery:	11 l/min	13 l/min	17 l/min
Speed:	1.500 W	2.300 W	5.000 W

Page: 252 252 252

HD 19/180B



ROJET 30/130



Operation mode:	Fuel	Fuel
Max. Pipe diameter:	Ø 200 mm	Ø 250 mm
Max. working length:	40 m	50 m
Max. Operation pressure:	180 bar	130 bar
Pump delivery:	19 l/min	30 l/min
Speed:	8.100 W	9.500 W

Page 252 254

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

HD 11/90

Self-priming compact unit from
Ø 40 – 150 mm up to 20 m length



Ø 150 mm



KEY FEATURES

- Compact and portable unit
- Ideal for fast operation in small pipe dimensions
- AC supplied, self-priming up to 2 m

TECHNICAL DATA

Max. operating pressure:	90 bar
Electric motor:	AC supply
Pump delivery:	11 l/min
Rating:	1.5 kW
Max. working length:	20 m
Speed:	1,400 min ⁻¹

Scope of delivery: HD 17 / 190 (No. 76070), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76089)

Model		400 V/50 Hz
High-pressure pipe cleaning unit HD 17 / 190	50.0	76070

HD 13/100

100 bar high-pressure pipe
cleaning unit with hose reel



Ø 150 mm




KEY FEATURES

- Air-filled transport wheels, easy to navigate stairs
- AC supplied, self-priming up to 2 m

TECHNICAL DATA

Max. operating pressure:	100 bar
Electric motor:	AC supply
Pump delivery:	13 l/min
Rating:	2.3 kW
Max. working length:	20 m
Speed:	1,400 min ⁻¹

Scope of delivery: HD 13 / 100 (No. 76020), hose reel with 20 m special high-pressure hose (No. 72812) with couplings and pipe cleaning nozzle (No. 76089)

Model		230 V/50 Hz
High-pressure pipe cleaning unit HD 13/100	45.0	76020

HD 17 / 190

190 bar high-pressure cleaner
with three-phase motor



Ø 200 mm




KEY FEATURES

- Three-phase motor, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs

TECHNICAL DATA

Max. operating pressure:	190 bar	Electric motor:	Three phase
Pump delivery:	17 l/min	Rating:	5.0 kW
Max. working length:	40 m	Speed:	2,800 min ⁻¹

Scope of delivery: HD 17 / 190 (No. 76070), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76089)

Model		400 V/50 Hz
High-pressure pipe cleaning unit HD 17 / 190	50.0	76070

HD 19/180 B

180 bar Hochdruckreiniger
mit Benzinmotor



Ø 200 mm

Mit Benzinmotor!




KEY FEATURES

- Works with fuel, no voltage needed, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs

TECHNICAL DATA

Max. operating pressure:	180 bar	Rating:	8.1 kW
Pump delivery:	19 l/min	Speed:	1,800 min ⁻¹
Max. working length:	40 m	Petrol engine:	Honda
Tank capacity:	6,5 l	Consumption:	3.2 l/h

Scope of delivery: HD 19 / 180B (No. 76090), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76053)

Model		No.
High-pressure pipe cleaning unit HD 19 / 180 B	78.5	76090

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

Accessories HD 11/90



No. 76073



No. 72810

Model	kg	No.
Flexible, high-pressure hose with R 1/4" coupling, DN 6		
Length 10 m	2.50	72810
Length 20 m	4.50	72812
Pipe cleaning nozzle, R1/4", stainless steel	0.04	76053
excl. forward jet spray, 4 holes, Ø 25 x 22 mm		
incl. forward jet spray, 5 hole, Ø 25 x 22 mm	0.04	76063
Rotary nozzle 45°, 4 holes, Ø 16 x 30 mm	0.08	77503
Cleaning lance with wide-angle nozzle	1.30	76073
for surface cleaning		
Spare wide-angle nozzle	0.01	76082
Injector suction pipe for cleaning agent, only for use with cleaning lance, length 1.2 m	0.05	76067
Water suction hose	0.20	76066
for intake from containers, length 3.0 m		

Accessories HD 13/100 – 17/190 – 19/180



No. 76067



No. 76066

Model	kg	No.
Flexible, high-pressure hose with R 1/4" coupling		
Length 10 m, NW 6 (HD 13/100, HD 17/190)	2.50	72810
Length 20 m, NW 6 (HD 13/100, HD 17/190)	4.50	72812
Length 40 m, NW 8 (HD 17/190, HD 19/180 B)	10.70	72820
Pipe cleaning nozzles R1/4", stainless steel	0.04	76089
excl. forward jet spray, 4 hole, Ø 25 x 22 mm		
incl. forward jet spray, 5 holes, Ø 25 x 22 mm	0.04	76065
Rotary nozzle 45°, 4 holes, Ø 16 x 30 mm	0.08	77506
Cleaning lance with wide-angle nozzle	1.30	76068
for surface cleaning		
Spare wide-angle nozzle	0.01	76088
Injector suction pipe for cleaning agent, only for use with cleaning lance, length 1.2 m	0.05	76067
Water suction hose, length 3.0 m	0.20	76066
for intake from containers		

ROJET®

High-Pressure Cleaning Units

Professional cleaning units

Innovative cleaning technology that is established on the market. User-friendly construction with an optimum ratio between power density and operational pressure for the best cleaning results. Available in many variations and versions

KEY FEATURES

- **Suitable for mounting in or on different vehicle types**
Free vehicle choice
- **Prevents the pump from over speeding**
Speed limiting
- **Drain cleaning for pipe diameters from 40 mm**
Mobile hose reel for small pipe diameters available
- **Independent operation from vehicle engine**
Low maintenance costs and service times, separate engine, no auxiliary drive required
- **Container design**
ROJET can be installed in different vehicles at any time

KEY FEATURES

- **High service level**
12-month warranty on motor, pump and hydraulics, guaranteed spare parts service due to series production. Clear differentiation of guarantees for cleaning unit and vehicle manufacturer.
- **Low maintenance, long service life of motor, pump and hydraulics**
High-quality design, solid construction
- **Permits the use of a lance**
E.g. for cleaning surfaces, exterior walls, courtyards, vehicles, etc., built-in pressure selection valve

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

ROJET® 30/130

High-pressure cleaning unit for pipes from Ø 40 - 200 mm

Product Profile	
TECHNICAL DATA	
Motor:	Tough 4-stroke petrol engine, 1 cylinder, air-cooled, E-Start, rating 9.5 KW (13 HP), normal petrol
Starter battery:	12 Volt, 36 Ah
High-pressure pump:	3-plunger pump, delivery 30 l/min - 130 bar
Water tank:	Plastic, contains 200 litre
High-pressure reel:	Stainless steel reel, rotatable water coupling, manual operation
Filling reel:	Stainless steel reel, rotatable water coupling, manual operation
High-pressure hose:	DN 12, length 50 m (R 1/2" coupling)
Filling hose:	DN 19, length 50 m (R 1/2" coupling)
Included in delivery:	High-performance nozzle 1/2"
Trailer:	Break-free box trailer
Covering:	Tarpaulin and frame, height 800 mm
Overall-dimensions:	2,520 x 1,480 x 1,700 mm (L x W x H)
Gross vehicle weight	550 kg
Included in delivery:	1 parking stand

Includes (No. 76300): basic unit with trailer, standard nozzle with forward jetting (No. 76135)

Includes (No. 76462): nozzle holder (No. 76309), standard nozzle with forward jetting (No. 76135), grenade nozzle (No. 77631), rotating nozzle (No. 77621) and quattro nozzle (No. 77611)

Model

No.

ROJET 30/130 basic unit without trailer

200

76301

ROJET 30/130 basic unit with trailer


290

76300

Nozzle set 30 / 130

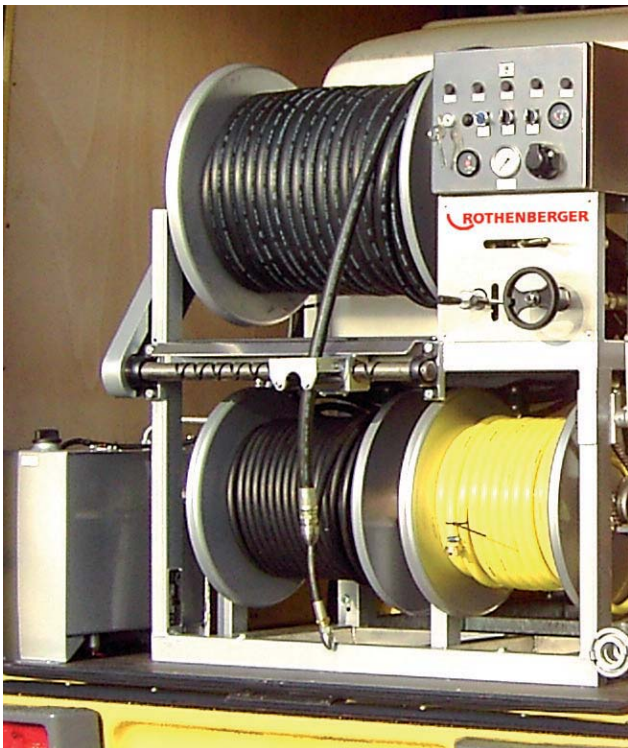
6.5

76462

For other extras/optional equipment, please see the table on  256

ROJET® 130/160

High-pressure drain cleaning unit for professional use up to Ø 500 mm



Product Profile	
TECHNICAL DATA	
Main frame:	Profiled steel, hot-galvanised, partially coated
Engine:	Diesel engine, 4-cylinder, water cooled, turbocharger, automatic speed control, rating 44 KW (60 HP)
Pump:	3-plunger pump, delivery 128 l/min at 160 bar
Starter battery:	12 Volt/36 Ah
Large High-pressure reel:	Hydraulic drive, continuously adjustable with HD hose DN 19, length 80 meters
Small High-pressure reel:	Hydraulic drive, continuously adjustable with HD hose DN 12, length 80 meters
Filling reel:	Manual operation, with filling hose DN19, length 50 meters
Water tank:	Plastic, 800 l. Other sizes available
Fuel tank:	Capacity 27 litre
Dimensions:	2,300 x 1,400 x 1,360 mm (L x W x H). Suitable for the Mercedes Sprinter and similar vehicles
Weight:	approx. 900 kg
Equipment:	Run-dry protection, water filter, water level indicator, glycerine pressure gauge, safety valve with unloader function, C-connector, anti-freeze exhaust, pressure switch lever, 2 standard nozzles, control box with control lights, ignition lock, operating hour counter and fuel gauge

Model	kg	No.
ROJET® 130/160	900	76485
For other extras/optional equipment, please see the table on		256

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning

ROJET® 50/120 – 60/140 – 85/160 – 100/160 – 100/200 Basic and Comfort

Product Profile

KEY FEATURES

- **Maintenance friendly, long service life of motor, pump and hydraulics**
High-quality design, solid construction
- **Use with cleaning lance**
E.g. for cleaning surfaces, exterior walls, courtyards, vehicles, etc. Built-in pressure selection valve
- 5 different performance versions
- Individual drive unit
- Galvanised main frame
- Easy to use
- Cost-saving building block system

TECHNICAL DATA

Main frame:	Profiled steel, hot-galvanised, partially coated reel supports, fitted
Motor:	Petrol engine 15 KW / 17 KW, diesel engine 37 KW / 42 KW, E-Start, automatic speed control
Pump:	3-plunger pump, delivery 50-100 l/min at 120-200 bar
Starter battery:	12 Volt / 36 Ah
High-pressure reel:	Hydraulic reel gear
High-pressure hose:	50/120 - 85/160 DN 12, length: 80 m, 100/150 and 100/200 DN 16, length: 80 m
Filling reel:	Manual and hydraulic (optional)
Filling hose:	DN 19, length: 50 m
Water tank:	Plastic, ROJET 50/120 and 60/140, capacity 400 litres, ROJET 85/160 - 100/200, capacity 800 litres, other sizes available
Equipment:	Run-dry protection, instrument panel with ignition switch, operating hours counter, fuel gauge and engine control lamps. water level indicator with acoustic signal, automatic diesel level indicator, manual hose guide, water filter with cut-off cock, safety valve with unloader function 3-way pressure selector tap, glycerine pressure gauge, cover of the drive unit is made of aluminium-corrugated sheet metal continuous speed and pressure adjustment, additional filling possibilities using C-coupling, water level indicator over plexi-glass tube, 1 standard nozzle.



Model	kg	No.
ROJET® 50/120 Basic	420	76540
ROJET® 60/140 Basic	440	76541
ROJET® 85/160 Basic	800	76542
ROJET® 100/160 Basic	810	76543
ROJET® 100/200 Basic	810	76544



Model	kg	No.
ROJET® 50/120 Comfort	450	76320
ROJET® 60/140 Comfort	470	76321
ROJET® 85/160 Comfort	820	76322
ROJET® 100/160 Comfort	830	76323
ROJET® 100/200 Comfort	830	76324

Flushing & Pipe Cleaning

High-Pressure Drain Cleaning



No. 76302



No. 76200

Remote control and other optional equipment is available, please see table below!

11

ROJET®

Optional equipment

ROJET®		30/130	40/100	50/120 60/140	85/160 100/160 100/200	130/160
	No.					
Water tank						
800 litres	76220	n/a	●	●*	S	S
1,000 litres	76221	n/a	●	●*	●	●
Remote control						
Cable, 6-functions	76226	n/a	n/a	●	●	
Radio, 6-functions	76302	n/a	n/a	●	●	
Cable, Radio	76331	n/a	n/a	●	●	●
Working spot lights						
Base frame	76232	n/a	n/a	●	●	●
Base frame:	Necessary when wheelhouse distance is less than 1.2 meters					
Aluminium floor	76228					
Autom. filling stop						
	76210	n/a	●	●	●	●

Explanation: n/a = not applicable, ● = additional charge, S = standard, F = possible without additional charge

* Only for ROJET 50/120 long version (Type L)

Standard Nozzle

Made of VA steel

Suitable for the removal of obstructions or for flushing pipes and drains

**All-purpose standard nozzle:
versatile – flexible – hard-working!**



Model	Coupling	Ø x L mm	kg	No.
For ROJET® 30/130	R 1/2"	30 x 50	0.12	76135
For ROJET® 40/100	R 1/2"	30 x 50	0.12	76141
For ROJET® 50/120	R 1/2"	30 x 50	0.12	76137
For ROJET® 60/140	R 1/2"	30 x 50	0.12	77606
For ROJET® 85/160	R 1/2"	30 x 50	0.12	76152
For ROJET® 130/150	R 1/2"	30 x 50	0.12	76488
For ROJET® 130/150	R 3/4"	40 x 60	0.16	76406

Rotating Nozzle

Made of VA steel

High-performance rotating nozzle that is especially suited for use in greasy pipes, for all-round cleaning before TV camera inspection for the removal of light deposits and roots

It is also often used for basic cleaning before reconditioning

- 4 different jet angles (propulsion part 25° / pipe 90°, 75° and 60°)
- All-round use
- Guarantees maximum cleaning performance



Model	Coupling	Ø x L mm	kg	No.
For ROJET® 30/130	R 1/2"	30 x 50	0.55	77621
For ROJET® 40/100	R 1/2"	30 x 50	0.55	77622
For ROJET® 50/120	R 1/2"	30 x 50	0.55	77623
For ROJET® 60/140	R 1/2"	30 x 50	0.55	77626
For ROJET® 85/160	R 1/2"	30 x 50	0.55	77624
For ROJET® 100/150	R 1/2"	30 x 50	0.55	77566
For ROJET® 130/150	R 1/2"	30 x 50	0.55	76492
For ROJET® 130/150	R 3/4"	40 x 110	0.72	76427

Quattro 3-sided Nozzle

Made of VA steel

Support the quick removal of tough obstructions through ripping, cutting and drilling. Additionally, it can be used in cleaning away pipe pressing residues

- Nozzle with 3-sided point
- With 4 forward-facing high-pressure jets. (M5 grub screws)



Model	Coupling	Ø x L mm	kg	No.
For ROJET® 30/130	R 1/2"	30 x 50	0.11	77611
For ROJET® 40/100	R 1/2"	30 x 50	0.11	77612
For ROJET® 50/120	R 1/2"	30 x 50	0.11	77613
For ROJET® 60/140	R 1/2"	30 x 50	0.11	77616
For ROJET® 85/160	R 1/2"	30 x 50	0.11	77614
For ROJET® 100/150	R 1/2"	30 x 50	0.11	77565
For ROJET® 100/200	R 1/2"	30 x 50	0.11	77530
For ROJET® 130/150	R 1/2"	30 x 50	0.11	76489
For ROJET® 130/150	R 3/4"	40 x 70	0.14	76410

Grenade Nozzle with Traction Jet

Made of VA steel

Cleaning nozzle with a high cleaning efficiency for professional use in drains with a maximum diameter of 300 mm.

- Optimised water flow, flexible, with high power traction



Model	Coupling	Ø x L mm	kg	No.
For ROJET® 30/130	R 1/2"	60 x 95	0.136	77631
For ROJET® 40/100	R 1/2"	60 x 95	0.136	77632
For ROJET® 50/120	R 1/2"	60 x 95	0.136	77633
For ROJET® 60/140	R 1/2"	60 x 95	0.136	77636
For ROJET® 85/160	R 1/2"	60 x 95	0.136	77634
For ROJET® 100/200	R 1/2"	60 x 95	0.136	76172
For ROJET® 130/150	R 1/2"	60 x 95	0.136	76490
For ROJET® 85/160 R 3/4" - R 1/2"	R 1/2"	70 x 105	0.177	76193
For ROJET® 100/200 R 3/4" - R 1/2"	R 1/2"	70 x 105	0.177	76179
For ROJET® 130/150 R 3/4" - R 1/2"	R 1/2"	70 x 105	0.177	76416

Flushing & Pipe Cleaning

Accessories High-Pressure Drain Cleaning

Flat Nozzle

Made of VA steel

The wedged-shaped flat nozzles main purpose is for bottom cleaning and the removal of sand and debris. Furthermore, the flat nozzle is excellent for negotiating large passages and transporting heavy residue

- Utmost traction, light jetting effect (approx. 2")
- Demonstrative cleaning performance
- Optimum nozzle alignment (M 6 grub screws)



Model	Coupling	Ø x L mm	kg	No.
For ROJET® 30/130	R 1/2"	70 x 120	2.95	76170
For ROJET® 40/100	R 1/2"	70 x 120	2.95	76157
For ROJET® 50/120	R 1/2"	70 x 120	2.95	77643
For ROJET® 60/140	R 1/2"	70 x 120	2.95	76233
For ROJET® 85/160	R 1/2"	70 x 120	2.95	77644
For ROJET® 100/150	R 1/2"	70 x 120	2.95	76234
For ROJET® 100/200	R 1/2"	70 x 120	2.95	76161
For ROJET® 130/160	R 1/2"	70 x 120	2.95	76235
For ROJET® 130/160	R 3/4"	100 x 160	3.84	76236

Nozzle Assortment

Professional nozzle sets for ROJET

The nozzle assortment that is arranged for the professional, ensures a wide range of use and guarantees effective cleaning



Example for professional nozzle set

Model	Coupling	kg	No.
For ROJET® 30/130	R 1/2"	5.10	76462
For ROJET® 40/100	R 1/2"	5.10	76463
For ROJET® 50/120	R 1/2"	5.10	76464
For ROJET® 60/140	R 1/2"	5.10	77650
For ROJET® 85/160	R 1/2"	5.10	76465
For ROJET® 100/150	R 1/2"	5.10	76466
For ROJET® 100/200	R 1/2"	5.10	76470
For ROJET® 130/160	R 1/2"	5.10	76495
For ROJET® 130/160	R 3/4"	6.63	76467
Nozzle holder	50 x 370	1.28	76309
for nozzle assortment with 5 x 1/2"			

Rotor Trench Nozzle

Made of VA steel

Suitable for the removal of hard deposits and tough roots, high torsion with the turbine drive

- Multiple uses
- Best cleaning results



Model	Coupling	kg	No.
Rotor trench nozzle ROJET® 50/120	R 3/4-R 1/2"	3.4	76453
Rotor trench nozzle ROJET® 60/140	R 3/4-R 1/2"	3.6	77666

High-pressure Cleaning Lance

The built-in ROJET® pressure selection valve enables use with a cleaning lance

- Complete with R 1/2" threaded coupling
- Flat jet nozzle insert for channel, surface and component cleaning. Included in delivery



Model	kg	No.
For ROJET® 40/100 - 50/120 - 30/130	0.28	76187
For ROJET® 85/160	3.10	76189
For ROJET® 100/200	3.20	76166
For ROJET® drain cleaning units please see 254		

High-Pressure Hose

- Highly flexible
- Complete with couplings



Nominal diameter mm	Coupling	L m	kg	No.
8	R1/4"	40	9.4	72820
13	R1/2"	50	20.0	76130
13	R1/2"	80	52.0	76131
16	R1/2"	80	67.0	76119

Suction Injector

Extends the ROJET's range of use and helps to minimise costs.
Can be operated without a separate pump

- Suitable for all ROJET® versions
- R 1/2" hose coupling
- High suction performance



Perfectly suited for the suction
cleaning of silted channels,
drains, grease separators, etc.!



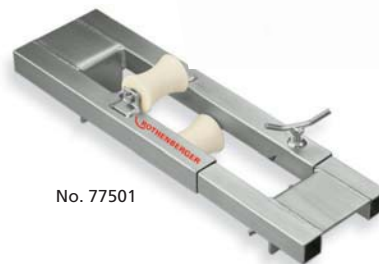
Model	kg	No.
HD-Coupling R1/2". with 6 m spiral hose	5.50	76191

Deflector Rollers

The use of deflector rollers reduces the wear and tear of high-pressure hoses and therefore extends the service life and helps to minimise costs



No. 77500



No. 77501

Model	kg	No.
For bottom manhole edge	6.2	77500
For bottom manhole edge	5.0	77501

Hose Reel, mobile

The mobility and range of use of the ROJET® is increased when the hose reel is used. Can easily be used without the help of a second person

- Includes professional cleaning nozzles
- Suitable for all ROJET® versions
- Inlet R 1/2"



No. 76118

Set (No. 76118) includes: Hose reel with manual crank, shut-off valve and swivel joint, 40 m high-pressure hose DN 8 with coupling R 1/4" (No. 72820), drain cleaning nozzle R 1/4" (No. 76055)

Model	kg	No.
Hose reel, complete with hose	26.5	76118
Hose reel, inlet 1/2" with hose	17.0	76160
40 m high-pressure hose DN 8, R 1/4" coupling	9.40	72820
Drain cleaning nozzle R 1/4", without forward jetting	0.04	76055
Drain cleaning nozzle R 1/4", with forward jetting	0.04	76065
Rotating nozzle R 1/4", 45°	0.08	77506