



RENZORATO

- PREMIUM PIPE CLEANING EQUIPMENT -
PRODUCT CATALOG

2022



MADE IN SWEDEN

ABOUT US

Renzorato has been in the Scandinavian market since 2006, providing our customers top-quality machines and tools with a focus on cleaning sewage systems, but also when cleaning pipes in industries and chimneys.

During our years in the sewage industry and in close collaboration with our customers, we have created a name for ourselves as a company that most people in the Scandinavian industry knows of.

Our vision is to offer the industry products of high quality with the best service, whether it is fast deliveries or the need of new products on the market. We value our customers opinions highly and listen to their wishes in order to find new ways to make their everyday lives more efficient.

We use carefully selected high quality components and in this way, we ensure that our products are reliable, durable and meet a high safety class.

From being a company that performed the work in the field to only becoming a supplier, we know how important it is with safety and ergonomics for the operators who work in this industry. We have taken these experiences with us when we develop our products. Since the start, development, manufacturing and assembling have taken place in Sweden.

Over the years, we have also added more categories of products to be able to offer our customers more of a complete solution in sewage cleaning, such as high-pressure jetters and inspection cameras as these 3 parts goes hand in hand.

- **Milling machines**
- **High-pressure jetting**
- **Inspection**

Since 2018, we have been able to offer our products in Europe in collaboration with resellers to maintain the good service which is Renzorato's main goal.

Having a personal contact who is close at hand with both knowledge, tools and spare parts makes the users of our products feel assured.

Together with customers and resellers, we are constantly working to reach out to several markets and continue our development of durable products that helps the industry and the future in excavate-free pipe renovation (No-dig).



INTERNATIONAL NETWORK



Sweden

Renzorato AB Headquarters

United kingdom

Rioned UK

Netherlands:

Rioned

Germany:

KaRo – Kanal und rohrreinigungsmaschinen GmbH

Australia:

SECA - Sewer Equipment Company Australia

Canada BC:

Renzorato

CONTAINS

MILLING MACHINES

6-11

- RZ COMPACT 7-8
- RZ 1 9-10
- SPIDER ENGINE 11
- SHAFT WHEEL 12

CHAIN TOOLS

15-27

- DRILLER HEAD 17
- CHAIN KNOCKER 18
- CHAIN KNOCKER CC 19
- PIPE MASTER 20
- PIPE MASTER S 21
- PIPE MASTER XLS 22
- PIPE MASTER CC 23
- PIPE MASTER CYCLONE 24
- SPIKE CUTTER 25
- CLEANING SPIDER 26
- GUIDE BITS 27

CUTTERS

29-35

- WING CUTTER 30
- WING CUTTER SPARE PARTS 31
- RZ GRINDER 32
- GRINDER HUBS & SANDPAPERS 33-34
- STARPLATE 35

ACCESSORIES & SHAFTS & SHAFT MASTER KIT

36-42

- COMPLETE SHAFTS & REPAIR KITS 36-37
- SHAFT MASTER KIT 38
- CONNECTIONS & ACCESSORIES 39-40
- REPLACEMENT COVERS 41
- RENZORATO CATCHER 42

CAMERAS





44-46

- RZ CAM 3499 45
- RZ CAM 3388 PAN & TILT 46

MACHINE RANGE

For over a decade, Renzorato's machines has been designed and developed to withstand the tough conditions of the industry. With ergonomics and safety in focus during construction, we offer durable machines that helps your company streamline your jobs, with minimal service occurrences.

Below you will find a short brief and specification on our machines. All models are equipped with electrical engines, integrated safety torque systems, an emergency stop button and are operated by a radio remote controls. You can easily adjust the speed values during operation and any error codes will be shown on the machine's remote control.

	Machine	Shaft Diameter	Shaft Length	Working Diameter	Speed RPM	Weight Inc Shaft
	RZ Compact	Adapted for 6 & 8mm	15M	32-75mm	500-1500rpm (4 preset speed values + reverse)	26kg
	RZ1 SW-10	Adapted for 8 & 10mm	15M 8mm, 12M 10mm	50-125mm	100-3000 (increase by 100 RPM)	38kg
	RZ1 SW-20	10mm	20M	50-125mm	100-3000 (increase by 100 RPM)	45kg
	Spider Engine	10mm 12mm 16mm	Up to 60M	75-300mm	100-3000 (increase by 100 RPM)	30kg



RZ COMPACT

- Lightweight and Ultra Flexible Milling Machine -



Our latest addition that takes your cleaning to a whole new level. Our new all-in-one machine designed with ergonomics, flexibility and safety in focus.

RZ Compact is developed for cleaning pipes between 32-75mm 1.25"-3". It comes with connections for both 8mm and 6mm shaft that gives you the option to have it equipped with either 15M, 8mm shaft or 15M, 6mm shaft.

Like our other machines, the RZ Compact is equipped with an electric engine and an integrated safety torque system that shuts down the engine if the tool get stuck during operation. With this machine we also introduce our new radio solution. With this radio control you can choose between 4 speed levels + reverse if you get stuck or need to use left direction speed. You can easily adjust the speed level during operation and have an overview of which speed level is running.

By having the remote control attached to your arm with the included bracelet mount, you can use both hands on the work shaft. Another advantage of being able to have both hands free is that you have the opportunity to both clean and inspect at the same time during operation, as many users wants to have a better view from the inside of the pipe while operating. Another advantage is the included shoulder strap that helps you carry the machine more ergonomically during transport from car to workplace or while walking up stairs.

Technical Specification

Versions

- **RZ Compact:** 6mm, 15M Shaft **230V** 27kg
- **RZ Compact:** 8mm, 15M Shaft **230V** 28kg

- **RZ Compact:** 6mm, 15M shaft **110V** 26kg
- **RZ Compact:** 8mm, 15M shaft **110V** 27kg

Size

Width: 650mm
Height: 650mm
Depth: 270mm



Speed levels

1. 700rpm
2. 900rpm
3. 1200rpm
4. 1500rpm
5. Rev (500rpm)

- ✓ ON/OFF – Radio active
- ✓ STOP – turn of RPM & reset error codes



RZ1 - The Future of Pipe Cleaning -



Flexible, silent and powerful cleaning machine. RZ1 is the optimal cleaning machine for milling pipes in the dimensions 40 to 125 mm (1,5"-5"), where you also can clean with the machine in 3 ways:

1. Along with the reel [SW-10](#)

Choose between 15M, **8mm Light Shaft** or 12M, **10mm Flex shaft**.

2. Along with the reel [SW-20](#)

20M, **10mm Flex Shaft**.

3. Motor package Stand-alone, with up to 20M loose working shaft.

The perfect option if you are going up through attics or on to roofs. Just grab the motor package to have both the safety and power of the RZ1 with you anywhere instead of a driller machine.

The separation between the motor package and the reels are easily done by removing the RZ1-link from the connection on the motor package and then pressing down the locking button in the middle and simply lift the machine away from the reel. The separation takes less then 20 seconds.

**RZ1 – SW10****RZ1 – SW20**

Radio control with full view of speed and torque, where you can easily change these values during cleaning to get the most efficient milling for both pipe and operator. Adjust the speed by 100rpm at a time and Torque by 20%.

Why buy several machines when you can have 2 reels to one Motor package? Simpler, more ergonomic and cost-effective. Choose the one that best suits your needs.

Weight & Size

RZ1 SW-10: 8mm, 15M Shaft. 38kg (230V)
RZ1 SW-10: 10mm, 12M Shaft. 40kg (230V)

RZ1 SW-10: 8mm, 15M Shaft. 36kg (110V)
RZ1 SW-10: 10mm, 12M Shaft. 38kg (110V)

Size: RZ1 - SW10
Width: 650mm
Height: 650mm
Depth: 270mm

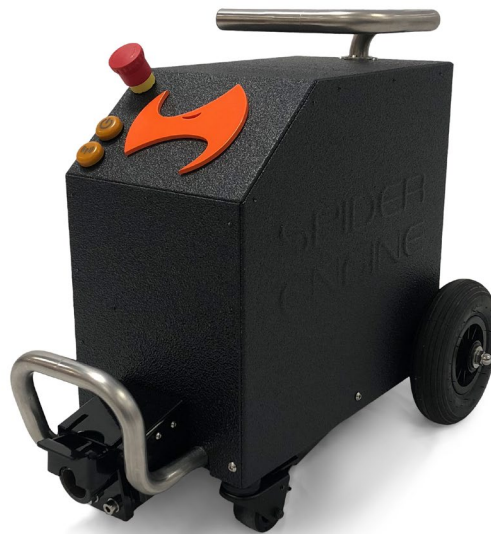
Weight & Size

RZ1 SW-20: 10mm, 20M Shaft. 45kg (230V)
RZ1 SW-20: 10mm, 20M Shaft. 43kg (110V)

Size - SW20
Width: 720mm
Height: 900mm
Depth: 320mm



Spider Engine - Operators Best Partner In Larger Pipes-



Spider Engine is used every day by satisfied operators. When it comes to drain cleaning of pipes from 75 to 300mm, Spider Engine will be your best partner.

This powerful and quiet machine makes everyday easier for the operator.

Make the most out of your milling by using the equipment for a faster and more efficient milling, but most importantly - for the safety and ergonomics of the operator.

Choose between working with up to 60M loose shaft or simply connect to **SHAFT WHEEL** where you have up to 35m shaft on reel.

Radio control with full view of speed and torque, where you can easily change these values during cleaning to get the most efficient milling for both pipe and operator. Adjust the speed by 100rpm at a time and Torque by 20%.

Spider Engine: What Does it mean?

S - Silent

P - Powerful

I - Intelligent

D - Dependable

E - Ergonomic

R - Robust



Shaft Wheel - Complement to Spider Engine -



Convenient handling of long shafts. Reduced risk of shaft damage. Easier to transport. Shaft Wheel can be wheeled into the vehicle.

Shaft length up to 35 Meters. Shaft Wheel is powered by Spider Engine and comes with a drive shaft, center shaft and an adapter for 10- and 12-mm shafts.

By having the Spider Engine and Shaft Wheel separated, it is easier for one operator to handle tough work by themselves and to carry around.



Scan and watch



Lined writing area consisting of approximately 20 horizontal lines.

RENZORATO TOOLS



Where to use?

Tools	Pipe Material					Material for removal						
	Intact pipes	Fragile pipes	PVC	Cast iron	Concrete	Rust	Grease	Limestone	Lead	Roots	Concrete	Collapsed liner
Driller Head	✔	✔	✔		✔	✔	✔	✔		✔	✔	✔
Chain knocker	✔	✔	✔		✔	✔	✔	✔				
Chain knocker CC	✔	✔	✔		✔	✔	✔	✔				
Pipe Master	✔			✔		✔	✔	✔	✔			
Pipe Master S	✔			✔		✔	✔	✔	✔	✔	✔	✔
Pipe Master XLS	✔			✔		✔	✔	✔	✔	✔	✔	✔
Pipe Master CC	✔			✔		✔	✔	✔		✔		✔
Pipe Master Cyclone	✔	✔		✔		✔	✔	✔	✔			
Spike Cutter	✔			✔	✔			✔		✔		
Cleaning Spider	✔			✔	✔					✔		
Starplate	✔	✔	✔	✔	✔						✔	✔
RZ Grinder	✔	✔	✔	✔								✔
Wing Cutter	✔	✔	✔	✔	✔							✔

How to measure?

Example: If we are measuring a Chain that is suitable for 100mm pipes (inside diameter), we measure from the center of the shaft to the outermost carbide tip.

If you are using a chain without carbide, you measure from the center of the shaft to the outermost chain-link. This measure should be half the pipe size. So, in this example that measurement is 50mm.

If you measure the tool too large or too small, there is a great risk that you will damage both the tool and the pipe. If the tool is measured incorrectly, it gets an unbalanced run and will be thrown from side to side inside the pipe, instead of the smooth run you get when it's measured correctly. By doing this correct you will extend the life of the chain.



DRILLER HEAD

- Blocked Pipes -



Product Code	Product Name	Pipe Dimension Ø
227030-08	Driller Head 30mm	40-75mm 1,5-3"
227030-10	Driller Head 30mm	40-75mm 1,5-3"
227040-08	Driller Head 40mm	75-150mm 3-6"
227040-10	Driller Head 40mm	75-150mm 3-6"
227040-12	Driller Head 40mm	75-150mm 3-6"

Tip: Driller Head can be mounted in front of all chains. Let the shaft protrude 20 mm from the tool and then mount the driller head in the front of your shaft to turn your chain into a cutter.

CHAIN KNOCKER

- For PVC & Fragile Pipes -



Round Link

Product Code	Product Name	Pipe Dimension Ø	Chain Size
233038-06	Chain Knocker	32-40mm 1,25-1,6"	3mm Link
233038-06-S	Chain Knocker Single	32-40mm 1,25-1,6"	3mm Link
233040-06	Chain Knocker	40mm 1,5"	3mm Link
233040-08	Chain Knocker	40mm 1,5"	3mm Link
233040-10	Chain Knocker	40mm 1,5"	3mm Link
233050-06	Chain Knocker	50mm 2"	3mm Link
233050-08	Chain Knocker	50mm 2"	3mm Link
233050-10	Chain Knocker	50mm 2"	3mm Link
233075-08	Chain Knocker	75mm 3"	3mm Link
233075-10	Chain Knocker	75mm 3"	3mm Link
233100-08	Chain Knocker	100mm 4"	4mm Link
233100-10	Chain Knocker	100mm 4"	4mm Link
233100-12	Chain Knocker	100mm 4"	4mm Link
233150-10	Chain Knocker	150mm 6"	4mm Link
233150-12	Chain Knocker	150mm 6"	4mm Link

CHAIN KNOCKER CC

- 100% Clogged Pipes for PVC -



Product Code	Product Name	Pipe Dimension Ø	Square Link	Chain Size
233075/100-10-CC	Chain Knocker CC	75/100mm 3-4"		5mm Link
233075/100-12-CC	Chain Knocker CC	75/100mm 3-4"		5mm Link
233100/150-10-CC	Chain Knocker CC	100/150mm 4-6"		5mm Link
233100/150-12-CC	Chain Knocker CC	100/150mm 4-6"		5mm Link

PIPE MASTER

- Original Carbide Chain -



Product Code	Product Name	Pipe Dimension Ø	Chain Size
232050-08	Pipe Master	50mm 2"	3mm Link
232050-10	Pipe Master	50mm 2"	3mm Link
232075-08	Pipe Master	75mm 3"	3mm Link
232075-10	Pipe Master	75mm 3"	3mm Link
232100-08	Pipe Master	100mm 4"	4mm Link
232100-10	Pipe Master	100mm 4"	4mm Link
232100-12	Pipe Master	100mm 4"	4mm Link
232150-10	Pipe Master	150mm 6"	4mm Link
232150-12	Pipe Master	150mm 6"	4mm Link

Pipe Master S

- Original Chain with Carbide Star Tips -



Square Link

Product Code	Product Name	Pipe Dimension Ø	Chain Size
235050-08	Pipe Master S	50mm 2"	3mm Link
235050-10	Pipe Master S	50mm 2"	3mm Link
235075-08	Pipe Master S	75mm 3"	3mm Link
235075-10	Pipe Master S	75mm 3"	3mm Link
235100-08	Pipe Master S	100mm 4"	4mm Link
235100-10	Pipe Master S	100mm 4"	4mm Link
235100-12	Pipe Master S	100mm 4"	4mm Link
235150-10	Pipe Master S	150mm 6"	4mm Link
235150-12	Pipe Master S	150mm 6"	4mm Link

PIPE MASTER XLS

- Maximum Durability with Carbide Star Tips -



Square Link

Product Code	Product Name	Pipe Dimension Ø	Chain Size
231100-10	Pipe Master XLS	100mm 4"	5mm Link
231100-12	Pipe Master XLS	100mm 4"	5mm Link
231150-10	Pipe Master XLS	150mm 6"	5mm Link
231150-12	Pipe Master XLS	150mm 6"	5mm Link
231225-12	Pipe Master XLS	225mm 10"	5mm Link

PIPE MASTER CC

- 100% Clogged Pipes or Lateral Cutter -



Product Code

Product Name

Pipe Dimension Ø

**Square Link
Chain size**

229075/100-10

Pipe Master CC

75/100mm 3-4"

5mm Link

229075/100-12

Pipe Master CC

75/100mm 3-4"

5mm Link

229100/150-10

Pipe Master CC

100/150mm 4-5"

5mm Link

229100/150-12

Pipe Master CC

100/150mm 4-5"

5mm Link

PIPE MASTER CYCLONE

- Effective and Gentle Cleaning -



Product Code	Product Name	Pipe Dimension Ø	Round Link Chain size
228100-10	Pipe Master Cyclone	100mm 4"	5mm Link
228100-12	Pipe Master Cyclone	100mm 4"	5mm Link
228150-10	Pipe Master Cyclone	150mm 6"	5mm Link
228150-12	Pipe Master Cyclone	150mm 6"	5mm Link

Spike Cutter

- For Gentle Cleaning in Concrete Pipes -



Product Code	Product Name	Pipe Dimension Ø	Chain size
234150-10	Spike Cutter	150mm 6"	5mm Spike Chain
234150-12	Spike Cutter	150mm 6"	5mm Spike Chain
234225-12	Spike Cutter	225mm 10"	5mm Spike Chain

The six middle spikes on each link-side are coated with carbide, which means that it is both gentle and effective in concrete pipes.

CLEANING SPIDER

- Root Removal Nbr 1 -



Product Code

Product Name

Pipe Dimension Ø

235300

Cleaning Spider

50-250mm

The Cleaning Spider tool comes with adapters for both 10 & 12mm shafts. Arms are purchased separately and sells in a set of 4pcs. Choose between two different types of arms, Chainsaw link or Chain link with carbide.

236045	CS Steel	Chainsaw Chain
236080	CS Steel	Chainsaw Chain
236120	CS Steel	Chainsaw Chain
236165	CS Steel	Chainsaw Chain
236215	CS Steel	Chainsaw Chain

237045	CS Carbide	3mm Link
237080	CS Carbide	4mm Link
237120	CS Carbide	4mm Link
237165	CS Carbide	4mm Link
237215	CS Carbide	4mm Link

Guide Bits

- Makes it easier to guide the tool in small pipes -



Product Code

Product Name

241100

Guide Kit 6mm

Contains: 1pcs Guide ball & 1pcs Guide arrow

TIP! Mount either the Guide Ball or Guide Arrow at the front of your shaft with your chosen tool behind it. Perfect when guiding your tool through P-Traps and small pipes.



CUTTERS

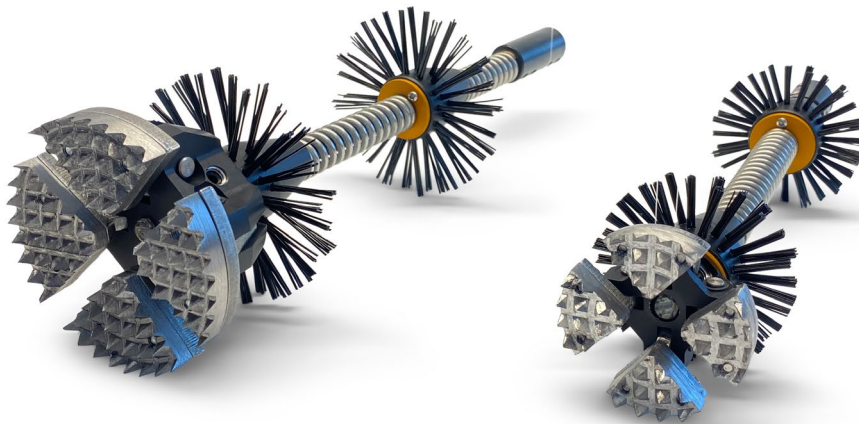
A variety of milling tools:
Collapsed Liner | Concrete | Lateral Cutters



Wing Cutter

- MAXIMUM Opening of Branch Lines -

Lower rpm during bends, Higher rpm when working

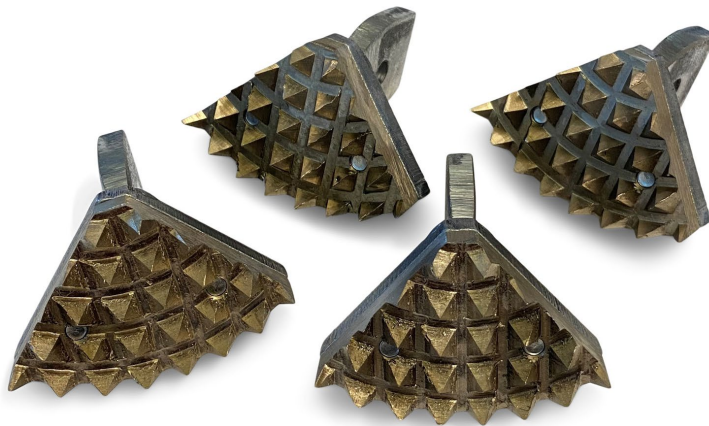


Product Code	Product Name	Pipe Dimension Ø
239 075	Wing Cutter 75	75mm 3"
239 100	Wing Cutter 100	100mm 4"
239 150	Wing Cutter 150	150mm 6"

Comes with adapters for both 10 & 12mm shafts.

Wing Cutter

- Replacement wings -



Product Code	Product Name	Pipe Dimension Ø
239065-WINGS	Extra Wings dia 65mm (4pcs)	65mm 2,5"
239075-WINGS	Extra Wings dia 75mm (4pcs)	75mm 3"
239100-WINGS	Extra Wings dia 100mm (4pcs)	100mm 4"
239150-WINGS	Extra Wings dia 150mm (4pcs)	150mm 6"

Brushes and aluminum body can also be purchased as spare parts. Contact one of our partners or contact us directly for more information. info@renzorato.com

RZ Grinder

- Internal Grinding -

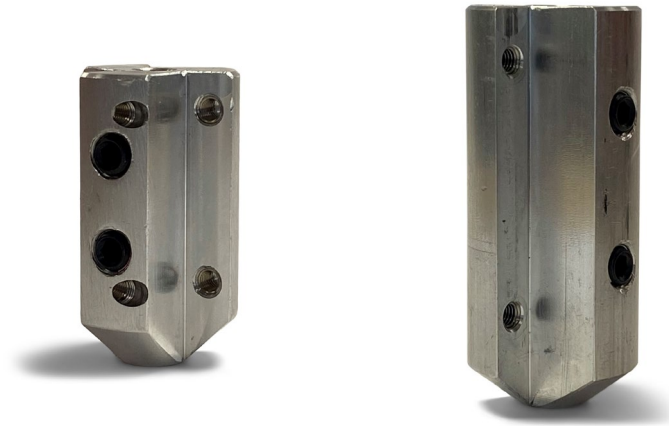
Effective grinding with durable high quality sandpapers.
The rubber sheets will prolong the life of the sandpapers, with
minimum wear on the ends.



Product Code	Product Name	Pipe Dimension Ø
240075-08	RZ Grinder 75	75mm 3"
240075-10	RZ Grinder 75	75mm 3"
240100-08	RZ Grinder 100	100mm 4"
240100-10	RZ Grinder 100	100mm 4"
240100-12	RZ Grinder 100	100mm 4"
240150-10	RZ Grinder 150	150mm 6"
240150-12	RZ Grinder 150	150mm 6"

RZ Grinder HUB

- Hubs for RZ Grinder -



Product Code	Product Name	Pipe Dimension Ø
240075-HUB-08	RZ HUB 75	75mm 3"
240075-HUB-10	RZ HUB 75	75mm 3"
240100-HUB-08	RZ HUB 100	100mm 4"
240100-HUB-10	RZ HUB 100	100mm 4"
240100-HUB-12	RZ HUB 100	100mm 4"
240150-HUB-10	RZ HUB 150	150mm 6"
240150-HUB-12	RZ HUB 150	150mm 6"

Sandpaper & Rubber

- Parts for RZ Grinder -

**Product Code****Product Name**

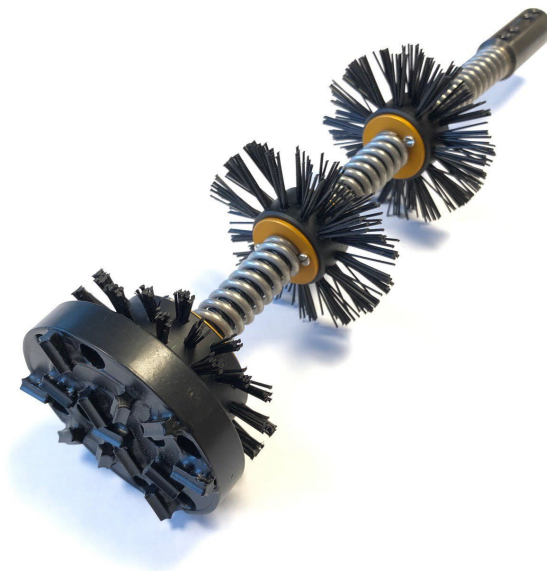
Sandpaper-75-12	Sandpaper 75mm (12pcs)
Sandpaper-75-24	Sandpaper 75mm (24pcs)
Sandpaper-100-12	Sandpaper 100mm (12pcs)
Sandpaper-100-24	Sandpaper 100mm (24pcs)
Sandpaper-150-12	Sandpaper 150mm (12pcs)
Sandpaper-150-24	Sandpaper 150mm (24pcs)

Product Code**Product Name**

240075-RUBBER	Rubber 75 (1pcs)
240100-RUBBER	Rubber 100 (1pcs)
240150-RUBBER	Rubber 150 (1pcs)

Starplate

- Collapsed Liner or Concrete Removal -



Product Code	Product Name	Pipe Dimension Ø
241 075	Starplate 75	75mm 3"
241 100	Starplate 100	100mm 4"
241 150	Starplate 150	150mm 6"

Contains adapters for both 10 & 12mm shaft

Complete Shafts & Repair Kits

Renzorato manufactures customer-specific shafts according to our customer's requests with high quality plastic covers and steel wire. Up to **60m** in length. The shafts are used together with our machines and could also be used together with a driller machine.

The standard shaft is suited for clockwise direction because of how it's manufactured. We can supply shafts that can reach High Torque in both directions. Please contact us directly or one of our partners near you. Standard length is dimensions: **5M, 10M, 15M, 20M, 30M & 40M**.

Our shaft range

Ultra Light – Our most flexible shaft to easily get through multiple bends in small pipes. Also works in P-Traps. Wire dimension **6mm**. Recommended for pipe dimensions 32mm-75mm (1,25" - 3").

LIGHT – A very flexible shaft that works great in multiple bends. Wire dimension of **8mm**. Compared to Ultra Light this cover is a little bit thicker. Recommended for pipe dimensions 40mm-175mm (1,5" - 4").

FLEX – The ultimate combination between our Light Shaft and our standard Medium Shaft. For those needing high flexibility yet a more robust option to the light shaft. Wire dimension **10mm**. Recommended for pipe dimensions 50mm-125mm (2" - 5").

MEDIUM – Our standard work shaft suitable for most conditions. Wire dimension **10mm**. Recommended for pipe dimensions 75mm-150mm (3" - 6").

STIFF – Our toughest work shaft for your bigger projects. When you need maximum stability and strength. Wire dimension **12mm**. Recommended for pipe dimensions 100mm-250mm (4" - 10").



All shafts are lubricated in high quality grease by hand. This maximizes the life of the shaft, reduces heat dissipation in the wire and the risk of melting in the plastic covers.

Shaft repair kits for your shafts – so that your work never comes to a downtime.
A small insurance easily placed in your car, trunk or pretty much anywhere.

Flexible shaft that is stocked

RZ1, RZC & SE stands for the specific connections for each machine.

Without any designations above the shaft comes with a driller connection.

Each shaft also contains steel sleeves, teflon plates and an adapter with the same hole diameter as the wire to be able to use with front shaft.

6mm Shaft/ 10mm cover

222005	Ultra Light Shaft 5m
222010	Ultra Light Shaft 10m
222015	Ultra Light Shaft 15m
222315	Ultra Light Shaft RZC 15m

8mm Shaft/ 12mm cover

223005	Light Shaft 5m
223010	Light Shaft 10m
223015	Light Shaft 15m
223020	Light Shaft 20m
223205	Light Shaft RZ1 5m
223210	Light Shaft RZ1 10m
223215	Light Shaft RZ1 15m
223315	Light Shaft RZC 15m

10mm Shaft/ 15mm cover

224005	Flex Shaft 5m
224010	Flex Shaft 10m
224015	Flex Shaft 15m
224020	Flex Shaft 20m
224105	Flex Shaft SE 5m
224110	Flex Shaft SE 10m
224115	Flex Shaft SE 15m
224120	Flex Shaft SE 20m
224210	Flex Shaft RZ1 10m
224212	Flex Shaft RZ1 12m
224215	Flex Shaft RZ1 15m
224220	Flex Shaft RZ1 20m

10mm Shaft/ 18mm cover

225005	Medium Shaft 5m
225010	Medium Shaft 10m
225015	Medium Shaft 15m
225020	Medium Shaft 20m
225025	Medium Shaft 25m
225030	Medium Shaft 30m
225105	Medium Shaft SE 5m
225110	Medium Shaft SE 10m
225115	Medium Shaft SE 15m
225120	Medium Shaft SE 20m
225130	Medium Shaft SE 30m
225135	Medium Shaft SE 35m

12mm Shaft / 20mm cover

226005	Stiff Shaft 5m
226010	Stiff Shaft 10m
226015	Stiff Shaft 15m
226020	Stiff Shaft 20m
226030	Stiff Shaft 30m
226105	Stiff Shaft SE 5m
226110	Stiff Shaft SE 10m
226115	Stiff Shaft SE 15m
226120	Stiff Shaft SE 20m
226130	Stiff Shaft SE 30m

Custom lengths!

Of course, we manufacture lengths according to the customer's wishes if we do not have the right length for your project as a stock item.

Contact us or our nearest partner and we will be happy to help you: info@renzorato.com

Shaft Master Kit

Perfect starter Kit to get you started with our Flex Shaft. Just connect the shaft to your drill and attach the custom tool and you are ready to descale.

Choose Between:

Shaft Master Kit PVC or Shaft Master kit Cast Iron
5, 10 or 15M Flex Shaft (10mm shaft)

Contains:

- 1pcs Shaft (5,10 or 15M)
- 1pcs - Driller Head 30mm
- 1pcs - Driller Head 40mm
- 1pcs - Chain Knocker 40
- 1pcs - Chain knocker 50
- 1pcs - Chain knocker 75
- 1pcs - Chain Knocker 100



Contains:

- 1pcs Shaft (5,10 or 15M)
- 1pcs - Driller head 30mm
- 1pcs - Driller head 40mm
- 1pcs - Chain Knocker 40
- 1pcs - Pipe Master 50
- 1pcs - Pipe Master 75
- 1pcs - Pipe Master 100



Adapter | Front Shaft | Spring Spacer

Use an adapter and a front shaft for the cleaning tool instead of causing any damage on your working shaft when mounting the tools directly to your workshaft. It's also easier to switch between tools if you have a set of complete front shafts with already mounted tools for each pipe dimension. Just loose 2-4 allen screws on the adapter and simply attach it to your workshaft.

Tip! use our spring distance instead of leftover plastic cover to minimize wobbling and vibrations.



Adapter

252408	Adapter 08/08 35mm
252409	Adapter 08/10 35mm
252410	Adapter 10/10 35mm
252412	Adapter 10/12 35mm
252412	Adapter 12/12 35mm
252508	Adapter 08/10 58mm
252510	Adapter 10/10 58mm
252512	Adapter 10/12 58mm
252513	Adapter 12/12 58mm

Front Shaft

223808	Front Shaft 8mm
223810	Front Shaft 10mm
223812	Front Shaft 12mm
223816	Front Shaft 16mm

Spring Spacer

255406	Spring Spacer 59mm
255408	Spring Spacer 84mm
255412	Spring Spacer 120mm

Steel Sleeve

Prevents the Cover from melting.
Mounted by threading it onto the cover.



- 255300** Steel sleeve Ultra light
- 255301** Steel sleeve Light
- 255302** Steel sleeve Flex
- 255303** Steel sleeve medium
- 255304** Steel sleeve stiff

Teflon Plate

To be put between chain tool and steel sleeve or between driller connection and plastic cover. Extra backup to prevent melting.



- 255006-1** Teflon Plate 6mm
- 255008-1** Teflon Plate 8mm
- 255010-1** Teflon Plate 10mm
- 255012-1** Teflon Plate 12mm

HEX-Link

Driller machine connection



- 252106** HEX Link 6 mm
- 252108** HEX Link 8 mm
- 252110** HEX Link 10 mm
- 252112** HEX Link 12 mm

RZ1-Link

Machine RZ1 connection



- 252208** RZ1 Link 8 mm
- 252210** RZ1 Link 10 mm

Replacement covers



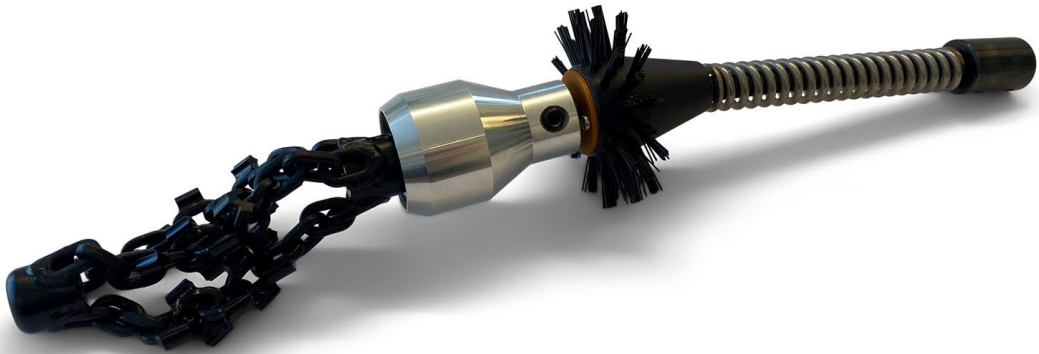
Product Code	Product Name	Meter/Coil
RVH-10X1-V	Ultra Light for 6mm shaft	15M
RVH-12X1-V	Light for 8mm shaft	30M
RVH-1515-V	Flex for 10mm shaft	24M
RVH-1825-V	Medium for 10mm shaft	60M
RVH-2020-V	Stiff for 12mm shaft	60M

Renzorato Catcher

Dropped something...

The Catcher is simply a must-have tool in every plumbers cars. Pick up tools, cast iron pieces or other metal objects easily. Comes with two adapters 10/10mm – 10/12mm, simply connect it to your workshaft.

Strong Magnet – Strenght Approx 24Kg



INSPECTION CAMERAS



RZ CAM 3499



Product information

Camera Head:

- \varnothing 23mm x 45mm Camera Head. Self levelling.
- Sapphire glass lens cover with 12 high light LEDs
- 120° view angle, spring length, 100mm.
- 7" LCD monitor.
- Date and time on screen.
- Voice recording and text input.
- Meter Counter.
- Language: English.
- Push cable 5,2mm, 40M.
- Including skids 46mm & 80mm.
- Rechargeable battery up to 6 hours.
- Charger 230V & 12V.
- SD-card to store still pictures or videos.

Spare parts/ Accessories

- Camera head with sonde 512Hz \varnothing 28 & 56mm.
- Locator.
- Plastic guides / Skids
- Push cable 20, 30 & 40M.
- More accessories are available on the web.

RZ CAM 3388 PAN & TILT



Product information

Camera Head:

- \varnothing 28mm Camera Head. Self levelling with Pan & Tilt function, pan 360°, tilt 180°.
- 2 LED lights in front.
- Built-in 512Hz Sonde.
- Including skids, 50mm & 90mm.
- Able to go down to 10M under water.
- Push cable: 8mm.
- Length: 60M.

Monitor:

- 10" LCD color TFT LCD.
- SD Card or USB input for recording/storage of videos and still images.
- Rechargeable battery up to 4-5 hours
- Date and time on screen.
- Voice recording and text input.
- Meter Counter.
- Language: English.

Spare parts/ Accessories

- Camera heads with sonde 512 Hz 28 & 56mm.
- Locator.
- Push cable 60M.
- More accessories are available on the web.



RENZORATO

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The Original Black & Orange

Made In Sweden

