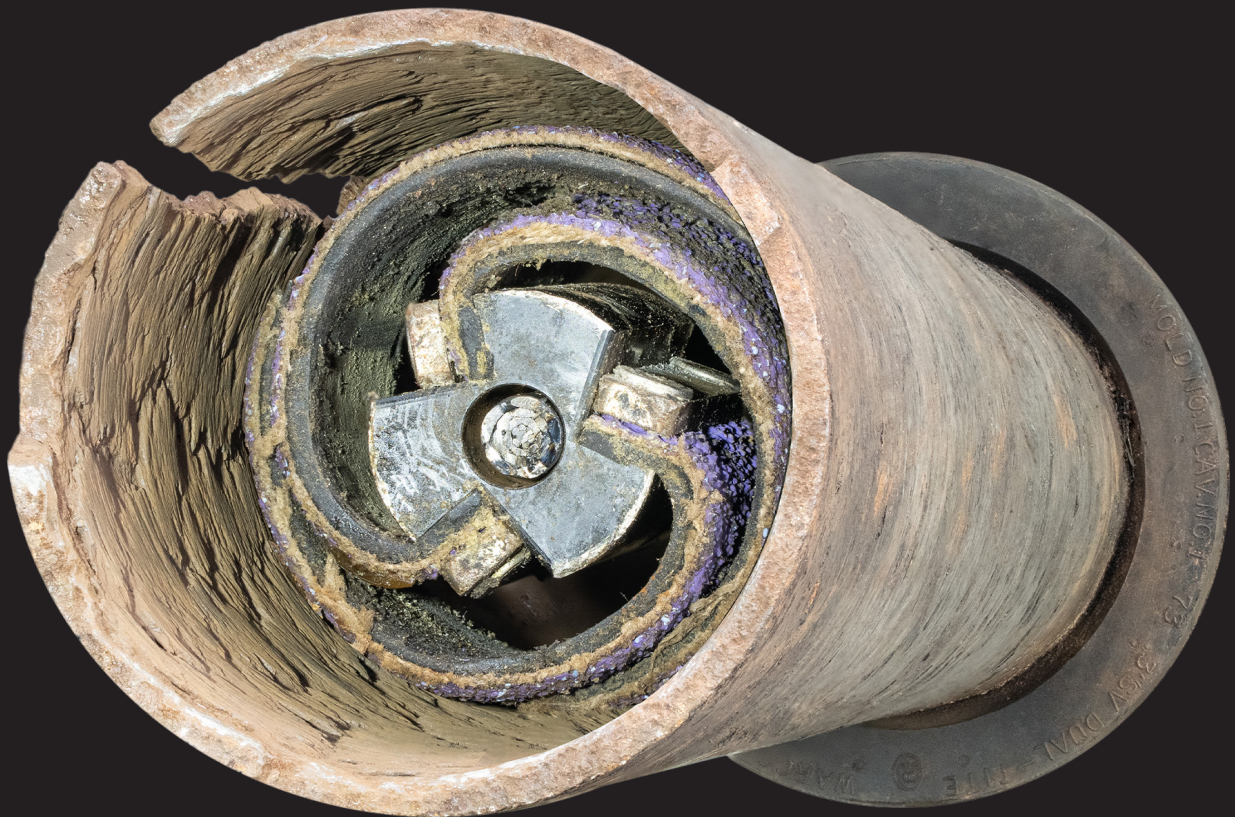




— AMERICAN —  
PIPELINING SOLUTIONS

## **HIGH-SPEED DRAIN CLEANING TOOLING AND ACCESSORIES GUIDE**





# TABLE OF CONTENTS

CLEANING TOOLS ..... 04

CUTTING TOOLS ..... 08

ROBOTIC REINSTATEMENTS ..... 11

SANDING TOOLS ..... 12

ADDITIONAL TOOLING .....15

RAPTOR CUTTER .....16

CABLE AND ACCESSORIES ..... 18

# CLEANING TOOLS



| Product      | Pipe Size | Cable Size  | APS ITEM NUMBER |
|--------------|-----------|-------------|-----------------|
| Chain Kocker | 1½"       | 1/4" (6mm)  | RNZ-233038-06   |
| Chain Kocker | 1½"       | 1/3" (8mm)  | RNZ-233040-08   |
| Chain Kocker | 1½"       | 3/8" (10mm) | RNZ-233040-10   |
| Chain Kocker | 2"        | 1/4" (6mm)  | RNZ-233050-06   |
| Chain Kocker | 2"        | 1/3" (8mm)  | RNZ-233050-08   |
| Chain Kocker | 2"        | 3/8" (10mm) | RNZ-233050-10   |
| Chain Kocker | 3"        | 1/3" (8mm)  | RNZ-233075-08   |
| Chain Kocker | 3"        | 3/8" (10mm) | RNZ-233075-10   |
| Chain Kocker | 3"        | 1/2" (12mm) | RNZ-233075-12   |
| Chain Kocker | 4"        | 1/3" (8mm)  | RNZ-233100-08   |
| Chain Kocker | 4"        | 3/8" (10mm) | RNZ-233100-10   |
| Chain Kocker | 4"        | 1/2" (12mm) | RNZ-233100-12   |
| Chain Kocker | 6"        | 3/8" (10mm) | RNZ-233150-10   |
| Chain Kocker | 6"        | 1/2" (12mm) | RNZ-233150-12   |

## CHAIN KNOCKER

The Chain Kocker is an adjustable tool without carbide teeth for cleaning plastic pipes or fragile pipes, cast iron, and concrete in 1.5" - 6" pipes.

Applications: Fragile Pipes | Cast Iron | Concrete | Calcium | Rust | Grease | Limestone | Roots



IDEAL FOR  
REINSTATEMENTS

| Product         | Head Size | Pipe Size | Cable Size  | APS ITEM NUMBER      |
|-----------------|-----------|-----------|-------------|----------------------|
| Chain Kocker CC | 20mm      | 3" - 4"   | 3/8" (10mm) | RNZ-233075/100-10-CC |
| Chain Kocker CC | 20mm      | 3" - 4"   | 1/2" (12mm) | RNZ-233075/100-12-CC |
| Chain Kocker CC | 30mm      | 4" - 6"   | 3/8" (10mm) | RNZ-233100/150-10-CC |
| Chain Kocker CC | 30mm      | 4" - 6"   | 1/2" (12mm) | RNZ-233100/150-12-CC |

## CHAIN KNOCKER CC

This adjustable tool, featuring chain links without carbide teeth, is ideal for cleaning plastic or fragile pipes, cast iron, and concrete pipes ranging from 3" to 6". It effortlessly navigates smaller access points and transitions in pipe sizes, making it suitable for use in larger pipes. The drill head enables easy clearing of clogged pipes and is effective for opening lateral connections. Additionally, this tool stands out as the best choice for reinstatements, especially paired with the RZ Grinder for a quick, clean finish.

Applications: Scale | Grease | Limestone | Reinstatements





| Product        | Head Size | Pipe Size | Cable Size  | APS ITEM NUMBER   |
|----------------|-----------|-----------|-------------|-------------------|
| Pipe Master CC | 20mm      | 3" - 4"   | 3/8" (10mm) | RNZ-229075/100-10 |
| Pipe Master CC | 20mm      | 3" - 4"   | 1/2" (12mm) | RNZ-229075/100-12 |
| Pipe Master CC | 30mm      | 4" - 6"   | 3/8" (10mm) | RNZ-229100/150-10 |
| Pipe Master CC | 30mm      | 4" - 6"   | 1/2" (12mm) | RNZ-229100/150-12 |

## PIPE MASTER CC

Adjustable cleaning tool with star-shaped carbide teeth for 3-6" pipes. The driller head enables easy clearing of clogged pipes and is effective for opening lateral connections and removing collapsed liner.

**Applications:** Scale | Limestone | Lead | Reinstatements | Collapsed Liner



| Product         | Pipe Size | Cable Size  | APS ITEM NUMBER |
|-----------------|-----------|-------------|-----------------|
| Pipe Master XLS | 4"        | 3/8" (10mm) | RNZ-231 100-10  |
| Pipe Master XLS | 4"        | 1/2" (12mm) | RNZ-231 100-12  |
| Pipe Master XLS | 6"        | 3/8" (10mm) | RNZ-231 150-10  |
| Pipe Master XLS | 6"        | 1/2" (12mm) | RNZ-231 150-12  |
| Pipe Master XLS | 9"        | 1/2" (12mm) | RNZ-231 225-12  |

## PIPE MASTER XLS

The Pipe Master XLS is an adjustable cleaning tool with large star-shaped carbide teeth for 4"-9". The Pipe Master XLS shares the design of the Pipe Master S, with upgraded chains and teeth to add weight and remove more material, faster.

**Applications:** Scale | Grease | Limestone | Roots | Calcium Deposits | Collapsed Liner



| Product       | Pipe Size | Cable Size  | APS ITEM NUMBER |
|---------------|-----------|-------------|-----------------|
| Pipe Master S | 2"        | 1/4" (6mm)  | RNZ-235050-06   |
| Pipe Master S | 2"        | 1/3" (8mm)  | RNZ-235050-08   |
| Pipe Master S | 2"        | 3/8" (10mm) | RNZ-235050-10   |
| Pipe Master S | 3"        | 1/3" (8mm)  | RNZ-235 075-08  |
| Pipe Master S | 3"        | 3/8" (10mm) | RNZ-235 075-10  |
| Pipe Master S | 3"        | 1/2" (12mm) | RNZ-235075-12   |
| Pipe Master S | 4"        | 1/3" (8mm)  | RNZ-235 100-08  |
| Pipe Master S | 4"        | 3/8" (10mm) | RNZ-235 100-10  |
| Pipe Master S | 4"        | 1/2" (12mm) | RNZ-235 100-12  |
| Pipe Master S | 6"        | 3/8" (10mm) | RNZ-235 150-10  |
| Pipe Master S | 6"        | 1/2" (12mm) | RNZ-235 150-12  |

## PIPE MASTER S

The Pipe master is an adjustable cleaning tool with star-shaped carbide teeth ideal for grease blockages. The Pipe Master S is a lighter alternative to the Pipe Master XLS, sharing the same star-shaped carbide teeth.

**Applications:** Scale | Grease | Limestone | Roots



| Product             | Pipe Size | Cable Size  | APS ITEM NUMBER  |
|---------------------|-----------|-------------|------------------|
| Pipe Master Cyclone | 2"        | 1/3" (8mm)  | RNZ-228050-08-01 |
| Pipe Master Cyclone | 3"        | 1/3" (8mm)  | RNZ-228075-08    |
| Pipe Master Cyclone | 3"        | 3/8" (10mm) | RNZ-228075-10    |
| Pipe Master Cyclone | 3"        | 1/2" (12mm) | RNZ-228075-12    |
| Pipe Master Cyclone | 4"        | 1/3" (8mm)  | RNZ-228 100-08   |
| Pipe Master Cyclone | 4"        | 3/8" (10mm) | RNZ-228 100-10   |
| Pipe Master Cyclone | 4"        | 1/2" (12mm) | RNZ-228 100-12   |
| Pipe Master Cyclone | 6"        | 3/8" (10mm) | RNZ-228 150-10   |
| Pipe Master Cyclone | 6"        | 1/2" (12mm) | RNZ-228 150-12   |

## PIPE MASTER CYCLONE CLEANER

The Pipe Master Cyclone Cleaner is a finishing chain, designed for the final pass of cleaning in cast iron, concrete, clay, or steel pipe to bring the pipe back to full flow capacity, achieving the original internal diameter of the host pipe. The Pipe Master Cyclone Cleaner does a great job on difficult to remove scale.

**Applications:** Scale | Cast Iron | Concrete | Clay | Steel Pipe



| Product                  | Pipe Size | Cable Size                | APS ITEM NUMBER | PCS |
|--------------------------|-----------|---------------------------|-----------------|-----|
| Cleaning Spider Head Kit | N/A       | 3/8" (10mm) & 1/2" (12mm) | RNZ-235 300     | 1   |
| CS - Steel               | 3"        | N/A                       | RNZ-236075      | 4   |
| CS - Steel               | 4"        | N/A                       | RNZ-236100      | 4   |
| CS - Steel               | 6"        | N/A                       | RNZ-236150      | 4   |
| CS - Steel               | 8"-10"    | N/A                       | RNZ-236250      | 4   |
| CS - Carbide             | 3"        | N/A                       | RNZ-237075      | 4   |
| CS - Carbide             | 4"        | N/A                       | RNZ-237100      | 4   |
| CS - Carbide             | 6"        | N/A                       | RNZ-237150      | 4   |
| CS - Carbide             | 8"-10"    | N/A                       | RNZ-237250      | 4   |

## CLEANING SPIDER

The Cleaning Spider is a versatile root cutter with three interchangeable top attachments: a round head, a  $\frac{3}{8}$ " threaded head, and a grooved tip. Each Cleaning Spider includes adaptors for  $\frac{3}{8}$ " (10mm) and  $\frac{1}{2}$ " (12mm) cables, accommodating 4 or 8 loose chains ranging from  $1\frac{3}{4}$ " to 12" in length. Loose chains are sold separately.

**CS Carbide Applications:** Scale | Grease

**CS Steel link Applications:** Roots | Limestone | Grease

# CUTTING TOOLS



| Product      | Head Size | Pipe Size       | Cable Size  | APS ITEM NUMBER |
|--------------|-----------|-----------------|-------------|-----------------|
| Driller Head | 20mm      | 1 1/4" - 1 1/2" | 1/3" (8mm)  | RNZ-227020-08   |
| Driller Head | 20mm      | 1 1/4" - 1 1/2" | 3/8" (10mm) | RNZ-227020-10   |
| Driller Head | 30mm      | 2" - 3"         | 1/3" (8mm)  | RNZ-227030-08   |
| Driller Head | 30mm      | 2" - 3"         | 3/8" (10mm) | RNZ-227030-10   |
| Driller Head | 40mm      | 3" - 6"         | 1/3" (8mm)  | RNZ-227040-08   |
| Driller Head | 40mm      | 3" - 6"         | 3/8" (10mm) | RNZ-227040-10   |
| Driller Head | 40mm      | 3" - 6"         | 1/2" (12mm) | RNZ-227040-12   |

## DRILLER HEAD

The Driller Head is mounted in front of a Chain Knocker or other tooling and is an excellent tool for unclogging completely blocked pipes. The Driller Head can also be used to open up branch lines during the lining process, creating a hole before grinding with sandpaper.

For those who want the Driller Head attached to a Chain Knocker or Pipe Master, check out the Chain Knocker CC & Pipe Master CC.

**Applications: Grease | Limestone | Roots | Concrete | Lining Material**



**IDEAL FOR REINSTATEMENTS**

| Product          | Head Size | Pipe Size | Cable Size  | APS ITEM NUMBER      |
|------------------|-----------|-----------|-------------|----------------------|
| Chain Knocker CC | 20mm      | 3" - 4"   | 3/8" (10mm) | RNZ-233075/100-10-CC |
| Chain Knocker CC | 20mm      | 3" - 4"   | 1/2" (12mm) | RNZ-233075/100-12-CC |
| Chain Knocker CC | 30mm      | 4" - 6"   | 3/8" (10mm) | RNZ-233100/150-10-CC |
| Chain Knocker CC | 30mm      | 4" - 6"   | 1/2" (12mm) | RNZ-233100/150-12-CC |

## CHAIN KNOCKER CC

This adjustable tool, featuring chain links without carbide teeth, is ideal for cleaning plastic or fragile pipes, cast iron, and concrete pipes ranging from 3" to 6". It effortlessly navigates smaller access points and transitions in pipe sizes, making it suitable for use in larger pipes. The driller head enables easy clearing of clogged pipes and is effective for opening lateral connections. Additionally, this tool stands out as the best choice for reinstatements, especially paired with the RZ Grinder for a quick, clean finish.

**Applications: Scale | Grease | Limestone | Reinstatements**



| Product        | Head Size | Pipe Size | Cable Size  | APS ITEM NUMBER   |
|----------------|-----------|-----------|-------------|-------------------|
| Pipe Master CC | 20mm      | 3" - 4"   | 3/8" (10mm) | RNZ-229075/100-10 |
| Pipe Master CC | 20mm      | 3" - 4"   | 1/2" (12mm) | RNZ-229075/100-12 |
| Pipe Master CC | 30mm      | 4" - 6"   | 3/8" (10mm) | RNZ-229100/150-10 |
| Pipe Master CC | 30mm      | 4" - 6"   | 1/2" (12mm) | RNZ-229100/150-12 |

## PIPE MASTER CC

Adjustable cleaning tool with star-shaped carbide teeth for 3-6" pipes. The driller head enables easy clearing of clogged pipes and is effective for opening lateral connections and removing collapsed liner.

**Applications:** Scale | Limestone | Lead | Reinstatements | Collapsed Liner

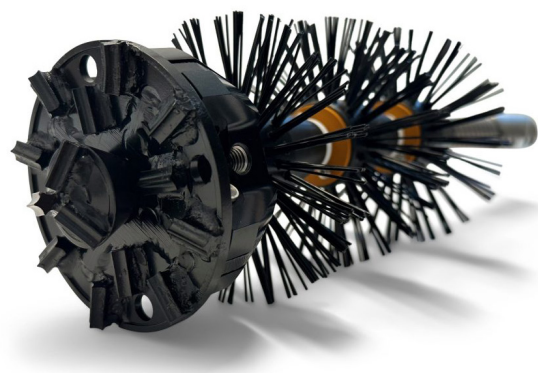


| Product        | Pipe Size | Cable Size  | APS ITEM NUMBER |
|----------------|-----------|-------------|-----------------|
| Cyclone Cutter | 4"        | 1/3" (8mm)  | RNZ-227100-08   |
| Cyclone Cutter | 4"        | 3/8" (10mm) | RNZ-227100-10   |
| Cyclone Cutter | 4"        | 1/2" (12mm) | RNZ-227100-12   |
| Cyclone Cutter | 6"        | 3/8" (10mm) | RNZ-227150-10   |
| Cyclone Cutter | 6"        | 1/2" (12mm) | RNZ-227150-12   |

## CYCLONE CUTTER

The Cyclone Cutter is an overshot liner removal tool designed to easily navigate smaller access points and pipe size transitions, allowing it to cut larger pipes with ease. Its self-centered design enables it to handle bends and narrow areas at low speeds and expand to full diameter at high speeds through centrifugal force.

**Applications:** Overshot Liner Removal



| Product                   | Pipe Size | Cable Size  | APS ITEM NUMBER |
|---------------------------|-----------|-------------|-----------------|
| Star Cutter               | 3"        | 1/3" (8mm)  | RNZ-241075      |
| Star Cutter               | 4"        | 3/8" (10mm) | RNZ-241100      |
| Star Cutter               | 6"        | 1/2" (12mm) | RNZ-241150      |
| Replacement Cutting Plate | 3"        | N/A         | RNZ-241075-1    |
| Replacement Cutting Plate | 4"        | N/A         | RNZ-241100-1    |
| Replacement Cutting Plate | 6"        | N/A         | RNZ-241150-1    |

# STAR CUTTER

The Star Plate is equipped with a Driller Head at the front and a Cutting Plate featuring carbide star tips, specifically designed to remove collapsed liners and concrete. It also serves as a lateral cutter and is effective for cutting reinstatements. Both the Driller Head and Cutting Plate are easily replaceable, ensuring convenient maintenance and versatility in various applications.

Applications: Concrete | Reinstatments | Collapsed Liner



# ROBOTIC REINSTATEMENTS



| Product              | Pipe Size | Length     | APS ITEM NUMBER |
|----------------------|-----------|------------|-----------------|
| Dancutter Super Flex | 3" - 6"   | 164' (50m) | APS-005-005     |

## DANCUTTER

The Dancutter DC Super Flex is a remarkably flexible cutter complete with a 360-degree rotating milling motor. It easily navigates multiple bends, and the stainless steel frame with built-in lubricants, water separator, and side-mounted spray nozzle makes setup and transportation straightforward. The Dancutter Super Flex combines power and precision for a user-friendly, reliable cutting experience in straight 3" pipe and 4-6" pipes.



| Product                 | APS ITEM NUMBER |
|-------------------------|-----------------|
| Dancutter Gold Tool Box | DAN-050742      |

## DANCUTTER SUPER FLEX GOLD TOOLBOX

The Dancutter Super Flex Gold Toolbox is an upgraded package that builds on the Standard and Silver toolboxes with a full range of carbide and diamond cutting heads, discs, adapters, and motor accessories. This kit also includes the DC Grabber, extension cable, centering tool with wheel, and multiple coupling adapters for versatility on the job. As a bonus, it comes with FPV goggles, making it a comprehensive solution for advanced cutting and inspection needs.

# SANDING TOOLS

---



## RZ GRINDER

Experience unparalleled efficiency and precision with the RZ Grinder, the cutting-edge solution for drain cleaning and sanding. The RZ Grinder leverages the natural elasticity of rubber to push the sandpaper outward, ensuring maximum contact with the pipe walls and providing a protective barrier, preventing the sandpaper from self-destructive wear and tear. This ensures longevity and consistent performance, making it more reliable and cost effective than other leading sanding hubs.

When using the RZ Grinder, adjust your high-speed drain cleaning machine to use higher torque and lower speed, then gradually adjust your torque/speed to the situation in the pipe.

The RZ Grinder XL components are slightly larger in both length and width, designed for straight runs with up to one 90° bend or two 45° bends. This increased size provides a wider surface area for grinding. Please note that the XL components are not compatible with standard sizes.



## RZ HUB

Hub to RZ Grinder. Used together with Support Rubber & Sandpapers.

RZ Grinder XL hubs are not compatible with standard sized Sandpaper or Rubber.

| Product      | Pipe Size | Cable Size  | Hub Dimensions (in)                                            | Length of Mounting Surface (in) | APS ITEM NUMBER      |
|--------------|-----------|-------------|----------------------------------------------------------------|---------------------------------|----------------------|
| RZ Hub       | 3"        | 1/3" (8mm)  | 1 <sup>3</sup> / <sub>8</sub> x 2 <sup>3</sup> / <sub>8</sub>  | 2"                              | RNZ-240075-HUB-08    |
| RZ Hub       | 3"        | 3/8" (10mm) | 1 <sup>3</sup> / <sub>8</sub> x 2 <sup>3</sup> / <sub>8</sub>  | 2"                              | RNZ-240075-HUB-10    |
| RZ Hub       | 3"        | 1/2" (12mm) | 1 <sup>1</sup> / <sub>2</sub> x 2 <sup>3</sup> / <sub>8</sub>  | 2"                              | RNZ-240075-HUB-12    |
| RZ Hub       | 4"        | 1/3" (8mm)  | 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>4</sub>   | RNZ-240100-HUB-08    |
| RZ Hub       | 4"        | 3/8" (10mm) | 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>4</sub>   | RNZ-240100-HUB-10    |
| RZ Hub       | 4"        | 1/2" (12mm) | 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>4</sub>   | RNZ-240100-HUB-12    |
| RZ Hub       | 6"        | 3/8" (10mm) | 1 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>8</sub>   | RNZ-240150-HUB-10    |
| RZ Hub       | 6"        | 1/2" (12mm) | 1 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>2</sub>  | 5 <sup>1</sup> / <sub>8</sub>   | RNZ-240150-HUB-12    |
| RZ Hubs - XL | 4"        | 3/8" (10mm) | 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>16</sub> | 4"                              | RNZ-240100-HUB-10-XL |
| RZ Hubs - XL | 4"        | 1/2" (12mm) | 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>16</sub> | 4"                              | RNZ-240100-HUB-12-XL |
| RZ Hubs - XL | 6"        | 3/8" (10mm) | 1 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>2</sub>  | 6"                              | RNZ-240150-HUB-10-XL |
| RZ Hubs - XL | 6"        | 1/2" (12mm) | 1 <sup>1</sup> / <sub>2</sub> x 5 <sup>1</sup> / <sub>2</sub>  | 6"                              | RNZ-240150-HUB-12-XL |

The XL RZ Grinders are designed to tackle wider surfaces, making quick work of grinding transitions in Y connections. However, due to their size, they're best suited for straighter runs, handling limited bends. Perfect for straightforward jobs where power meets precision.



| Product        | Pipe Size | Paper Dimensions | APS ITEM NUMBER        | PCS |
|----------------|-----------|------------------|------------------------|-----|
| Sandpaper      | 3"        | 50mm x 100mm     | RNZ-SANDPAPER-75-24    | 24  |
| Sandpaper      | 4"        | 70mmx120mm       | RNZ-SANDPAPER-100-24   | 24  |
| Sandpaper      | 6"        | 130mmx200mm      | RNZ-SANDPAPER-150-24   | 24  |
| Sandpaper - XL | 4"        | 100mmx150mm      | RNZ-SANDPAPER-100XL-24 | 24  |
| Sandpaper - XL | 6"        | 150mmx200mm      | RNZ-SANDPAPER-150XL-24 | 24  |

## SANDPAPER

Sandpaper to RZ Grinder. Used together with Support Rubber and Hub.

RZ Grinder XL Sandpaper is not compatible with standard size Hubs or Rubber.



| Product     | Pipe Size | Rubber Dimensions | APS ITEM NUMBER     | PCS |
|-------------|-----------|-------------------|---------------------|-----|
| Rubber      | 3"        | 50mmx94mm         | RNZ-240075-RUBBER   | 1   |
| Rubber      | 4"        | 70mmx113mm        | RNZ-240100-RUBBER   | 1   |
| Rubber      | 6"        | 130mmx190mm       | RNZ-240150-RUBBER   | 1   |
| Rubber - XL | 4"        | 100mmx145mm       | RNZ-240100XL-RUBBER | 1   |
| Rubber - XL | 6"        | 150mmx190mm       | RNZ-240150XL-RUBBER | 1   |

## SUPPORT RUBBER

Support Rubber to RZ Grinder.

RZ Grinder XL Rubber is not compatible with standard size Hubs or Sandpaper.

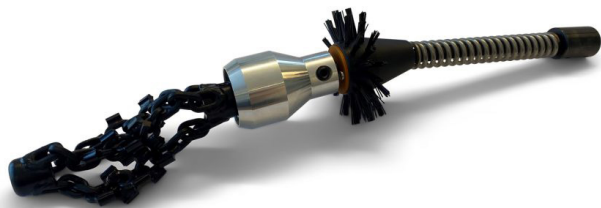


| Product       | Pipe Size | Cable Size  | APS ITEM NUMBER |
|---------------|-----------|-------------|-----------------|
| Mini Hub 20mm | 1½" - 2"  | 1/3" (8mm)  | APS-HUB2008     |
| Mini Hub 20mm | 2"        | 3/8" (10mm) | APS-HUB2010     |
| Mini Hub 40mm | 2"        | 1/3" (8mm)  | APS-HUB4008     |
| Mini Hub 40mm | 2"        | 3/8" (10mm) | APS-HUB4010     |
| Mini Hub 60mm | 2" - 3"   | 1/3" (8mm)  | APS-HUB6008     |
| Mini Hub 60mm | 2" - 3"   | 3/8" (10mm) | APS-HUB6010     |

## RAPTOR MINI HUB

Raptor Mini Sanding Hubs are engineered for sanding and cleaning small diameter pipes, accommodating a working range of 1½" to 3". These mini hubs are compatible with 3" Renzorato sanding panels and rubbers, which can be trimmed to the desired size. Essential for any drain cleaner's toolbox, the Raptor Mini Sanding Hubs offer versatility and precision for a variety of cleaning tasks.

# ADDITIONAL TOOLING



| Product | Pipe Size | APS ITEM NUMBER |
|---------|-----------|-----------------|
| Catcher | 1.5" - 3" | RNZ-252703      |
| Catcher | 3" - 6"   | RNZ-252702      |
| Catcher | 4" - 9"   | RNZ-252704      |

## RENZORATO CATCHER

Dropped something?

The Renzorato Catcher is simply a must-have tool in every plumbers toolbox! Pick up lost chains and tools, broken pieces of cast iron, or any other magnetic objects with ease.

The 1.5" - 3" Catcher includes adapters to fit 1/3" (8mm) and 3/8" (10mm) cable, while the 3" - 6" and 4" - 9" Catchers include adapters to fit 1/3" (8mm), 3/8" (10mm), and 1/2" (12mm) cable.



# RAPTOR CUTTER



| Product       | Shaft Size  | Pipe Size   | Shaft Length | APS ITEM NUMBER |
|---------------|-------------|-------------|--------------|-----------------|
| Raptor Cutter | 1/3" (8mm)  | 1 1/2" - 3" | 100'         | RPT-8MMRAPTOR   |
| Raptor Cutter | 3/8" (10mm) | 2" - 4"     | 85'          | RPT-10MMRAPTOR  |
| Raptor Cutter | 1/2" (12mm) | 4" - 6"     | 75'          | RPT-12MMRAPTOR  |

The Raptor Cutter is the apex predator of the trenchless industry, designed to tackle the toughest pipe cleaning and cutting tasks with unmatched efficiency and versatility. This innovative machine features a high-quality Wireless Control System for safe, hands-free operation, with comprehensive controls and a rechargeable, long-lasting battery. The Quick Fit reel system allows for the use of three interchangeable cable sizes, making it a single solution for various pipe diameters.

Engineered for safety, the Raptor includes Smart Drive technology and an electronic clutch to prevent over-torquing, protecting the end user, machine, tools, and pipe integrity. Paired with the percision control of speed and torque, this protects and prolongs the life of the cable, reducing both down time and cost of operation over the life of the machine.

Weighing in at only 12lbs, the Raptor Cutter is easy to transport and maneuver through standard doorways. With a robust warranty and dedicated service options, the Raptor Cutter promises reliability and superior performance, reducing labor costs and boosting profits, even in the most challenging environments.



# FREQUENTLY ASKED QUESTIONS

**Q: How much does the Raptor Cutter Weigh?**

**A:**

| Product       | Cable Size  | Weight |
|---------------|-------------|--------|
| Raptor Cutter | 1/3" (8mm)  | 117lbs |
| Raptor Cutter | 3/8" (10mm) | 124lbs |
| Raptor Cutter | 1/2" (12mm) | 163lbs |

**Q: Can I add an Extension?**

**A:** Yes. Up to 30' for the 3/8" and 1/2" cables. We do not recommend using an extension with the 1/3" cable.

**Q: What kind of power does the Raptor Cutter run on?**

**A:** The Raptor Cutter runs on any 110v 15 amp non-GFCI power source.

**Q: Can I use my existing tools with it?**

**A:** Yes! All major brands of high-speed drain cleaning chains and tooling are compatible with the Raptor Cutter.

**Q: What is the maximum speed of the Raptor Cutter?**

**A:** The Raptor Cutter will operate at 2,400 rpm when set to 100%.

**Q: Can the Raptor Cutter run on battery power?**

**A:** The Raptor Cutter requires a wired connection to a power source.  
The foot pedal and remote are wireless and house a rechargeable battery.

**Q: Does the Raptor Cutter have a safety clutch?**

**A:** Yes! The Raptor Cutter has an E-Clutch built in to protect the machine and end user.

**Q: What is included in the purchase of a Raptor Cutter?**

**A:** The purchase of a Raptor Cutter includes the Raptor chassis, a cable and reel, wireless foot pedal/remote, and charging accessories.

**Q: What happens when/if the remote dies on a job?**

**A:** The remote can simply be charged and returned to service. The included wall adapter is capable of fast charging and a 12v mobile charger is included for charging in between service calls.

**Q: Does the Raptor Cutter come with a warranty?**

**A:** The Raptor Cutter has a 1 year warranty on all mechanical parts and a 6 month warranty on its electrical components.

**Q: Will it fit through a standard doorway?**

**A:** Yes! The Raptor Cutter is 28 1/2" wide. It easily fits through standard doorways and hallways.

**Q: Can I reinstate lined pipes with it?**

**A:** Yes! The Raptor Cutter has a powerful motor and belt drive system that generates huge amounts of power for even the toughest job!

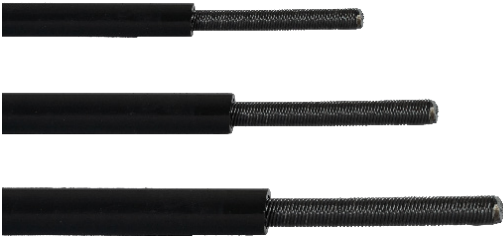
# CABLE AND ACCESSORIES



| Product    | Cable Size                | APS ITEM NUMBER |
|------------|---------------------------|-----------------|
| Small Reel | 8mm (1/3")<br>10mm (3/8") | RPT-011-011     |
| Large Reel | 12mm (1/2")               | RPT-011-007     |

## RAPTOR CABLE REEL

The Raptor Cutter Cable Reel is used to house the cable both on and off the Raptor Cutter. The patented design allows for quick and easy work between various-sized pipes with no tooling needed!



| Cable Size     | Length | Recommended Diameter | APS ITEM NUMBER |
|----------------|--------|----------------------|-----------------|
| 1/3"<br>(8mm)  | 100'   | 1.5" - 4"            | RPT-011-8100    |
| 3/8"<br>(10mm) | 85'    | 2" - 4"              | RPT-011-1085    |
| 1/2"<br>(12mm) | 75'    | 3" - 8"              | RPT-011-1275    |

## REPLACEMENT CABLE

Raptor Cutter Replacement Cables deliver the ideal balance of stiffness and flexibility for drain cleaning, pipe descaling, milling and reinstatements. Perfect for navigating multiple bends and fittings, these versatile cables can be used as extensions or direct replacements to ensure reliable and efficient performance.

Replacement cables are available by the foot—contact an APS Sales Rep for a quote!



## CABLE LEADER

Streamline your tooling changes with our 16" Cable Leaders. Engineered for easy swaps, the 16" spacing provides secure connections without sacrificing flexibility or precision. Ensure smooth and efficient operations with this essential accessory.

| Product      | Pipe Size      | Length | APS ITEM NUMBER |
|--------------|----------------|--------|-----------------|
| Shaft Leader | 1/3"<br>(8mm)  | 16"    | APS-8MMLEADER   |
| Shaft Leader | 3/8"<br>(10mm) | 16"    | APS-10MMLEADER  |
| Shaft Leader | 1/2"<br>(12mm) | 16"    | APS-12MMLEADER  |



| Product        | Cable Size  | APS ITEM NUMBER |
|----------------|-------------|-----------------|
| Sleeve Bearing | 1/3" (8mm)  | APS-8SLEEVE     |
| Sleeve Bearing | 3/8" (10mm) | APS-10SLEVE     |
| Sleeve Bearing | 1/2" (12mm) | APS-12TSLEEVE   |

## CABLE SLEEVE BEARING

Cable Sleeve Bearings protect the cable casing from friction and pressure from tooling, overheating, and limit contaminants entering the casing, extending its lifespan and ensuring reliable performance.



| Product       | Cable Size              | APS ITEM NUMBER |
|---------------|-------------------------|-----------------|
| Cable Adapter | 1/3" - 1/3" (8mm-8mm)   | APS-252408      |
| Cable Adapter | 1/3" - 3/8" (8mm-10mm)  | APS-252409      |
| Cable Adapter | 3/8" - 3/8" (10mm-10mm) | APS-252410      |
| Cable Adapter | 3/8" - 1/2" (10mm-12mm) | APS-252512      |
| Cable Adapter | 1/2" - 1/2" (12mm-12mm) | APS-252513      |

## CABLE ADAPTER

The APS Cable Adapters provide a secure grip to extend your working range and allow you to step up or down to the next shaft size. The Cable Adapter is longer than the Tool Adapter, featuring a second grub screw on each side for enhanced grip strength.



## TOOL ADAPTER

| Product      | Cable Size              | APS ITEM NUMBER |
|--------------|-------------------------|-----------------|
| Tool Adapter | 1/3" - 1/3" (8mm-8mm)   | RPT-252408      |
| Tool Adapter | 1/3" - 3/8" (8mm-10mm)  | RPT-252409      |
| Tool Adapter | 3/8" - 3/8" (10mm-10mm) | RPT-252510      |
| Tool Adapter | 3/8" - 1/2" (10mm-12mm) | RPT-252412      |
| Tool Adapter | 1/2" - 1/2" (12mm-12mm) | RPT-252413      |

Effortlessly switch between tools using the APS Tool Adapter! Designed to connect your existing tools to various cable sizes, these adapters provide quick and easy transitions. Unlike the Cable Adapter, the Tool Adapter is shorter, offering greater flexibility within the pipe. Unlike non-magnetic alternatives that are harder to remove if they become detached, APS Tool Adapters are made from durable anodized steel, allowing the Renzorato Catcher magnet to swiftly retrieve them if necessary.

**American Pipelining Solutions | 233 Camson Rd. Anderson SC 29625**  
**Call: 888.258.9359 | Email: [Sales@pipeliningsuppliesusa.com](mailto:Sales@pipeliningsuppliesusa.com)**  
**Visit: [www.AmericanPipeliningSolutions.com](http://www.AmericanPipeliningSolutions.com)**