

PICOTE IT

QUALITY TOOLS BY EXPERTS IN THE FIELD

HIGH-SPEED CLEANING. LATERAL CUTTERS. P-TRAP CUTTER, PICOTE BRUSH COATING™
CONCRETE, ROOT & SCALE REMOVAL. COLLAPSED LINER REMOVAL.

PICOTE

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PICOTE
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MINI MILLER

www.picotesolutions.com

14
YEARS
TRENCHLESS
#GoPicote

PICOTE BRUSH COATING™ SYSTEM

Renovate old or deteriorated drains and sewers from 1¼" to 12" diameter with the Picote Brush Coating™ System. The coating applied provides a damp-proof, corrosion resistant, wear-resistant and non-corrosive lining. Several coats can be applied within the same pipe. Renovate entire piping systems for example apartments or blocks of flats with minimal disruption, avoiding costly excavation. Coat up to 75ft with the Mini Miller and Mini Coating Pump from 1¼" to 8" pipes. Go further and coat up to 135ft from 3" to 12" pipes with the Maxi Miller and Maxi Coating Pump.



Meets the Requirements of
NSF/ANSI 61-5



PICOTE SMART MIXER

Keep it simple

The battery powered Picote Smart Mixer automatically combines the dual component epoxy. Lock the Smart Mixer in place by fitting it to the bracket on the Miller and load the Picote 100% Solids Epoxy cartridge to begin work. Simply dispense into the Coating Pump Cup for an easy, mess-free solution.



PICOTE MILLERS

Picote's patented Millers are versatile multi-use machines, the power behind Picote tools. Originally designed and developed over many years on Picote worksites across Finland, they are now truly global machines, used on thousands of worksites worldwide.



Performance:

Every Picote Miller is designed to tackle a variety of challenging jobs. All Picote Millers offer high-speed cleaning options as standard. Ask your reseller for the Miller Quick Guides for an easy overview of which tools are compatible with each Miller and for each situation.



NOW WITH SAFETY CLUTCH

The Safety Clutch improves the overall user experience. This can also be fitted retrospectively, ask your reseller.

55ft of $\frac{1}{3}$ " shaft with thick outer casing. Suitable for drain cleaning 2" to 4" pipes. Use with 2" & 3" Smart Cutters & Twisters or expand your business further and team with the Mini Pump for the Picote Brush Coating™ System.

Weighs 71lb, 600 to 3000rpm, 1200w output. Lightweight aluminum frame. Perfect to work inside buildings.



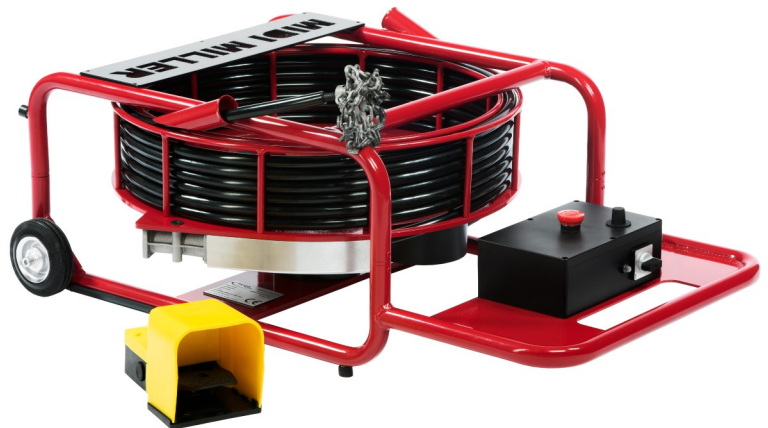
MINI MILLER

VERSATILITY

Features 39ft of $\frac{1}{2}$ " shaft with regular outer casing. Suitable for high-speed drain cleaning & powering the Smart Cutter™ and Twister Lateral Cutters, Twister Liner Remover, Twister Concrete Remover, the Smart Spider & Pipe Cutter. For 3" to 6" pipes.

Adapter for $\frac{1}{3}$ " shaft for 2" drains. Weighs 106lb, 1800 rpm, 1200w output. Durable electric motor & variable speed control.

Push/pull system & stair glides for easy transportation. Easy to maneuver inside buildings.



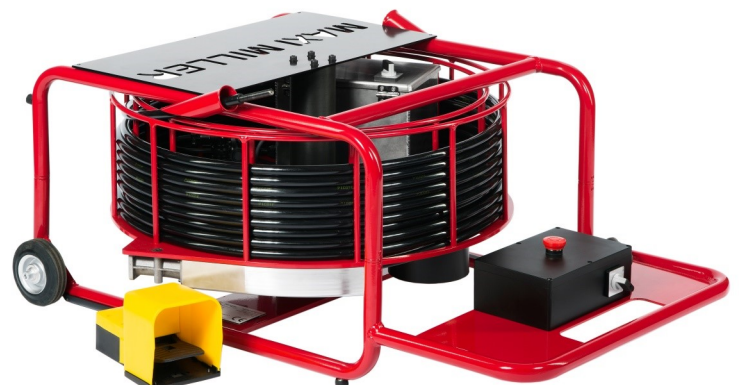
MIDI MILLER

GO FURTHER

100ft of $\frac{1}{2}$ " shaft with thick outer casing. Suitable for drain cleaning & powering the Smart Cutter™ and Twister Lateral Cutters, Twister Liner Remover, Twister Concrete Remover, the Smart Spider and the Pipe Cutter. Extend by up to 33ft. The only power source for some tools. For 4" to 8" pipes. Weighs 210lb. 1475rpm, 1500w output.

Electric motor & safety clutch. 110v 30amp. Generator may be required.

Also available with detachable control box to take to your access point.



MAXI MILLER



MAXI MILLER POWER+

Maxi Miller Power+ is a one of kind, powerful and efficient multi-use trenchless system, allowing the use of Picote's innovative tools in 4"-12" sewers. It provides unique and impressive options for removing failed and collapsed CIPP liners in cast iron, clay and PVC pipes. This powerhouse can also remove concrete, limescale, roots & metal, descale pipes and open laterals fast. The Power+ comes with 65ft of $\frac{3}{4}$ " shaft that can be extended by 32ft. Ramp up production, pipe size and power!

TIME TO UP YOUR GAME

TOUGH JOBS NEED EVEN TOUGHER TOOLS

SMART SWEEPER+ 6" to 9"

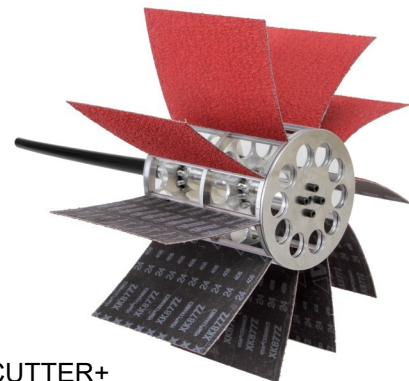
Collapsed liner removal and descaling tool. Smart Sweeper+ has been developed for collapsed liner situations where the failed material is against the wall of the pipe. The tool is self-centralizing and sideways grinding. Use with the Crusher Front Drill Head (shown right) to fully remove collapsed liner, or for situations where a liner which is too big has been wrongly installed in the pipe. Can be used with different heads for various situations. Use in cast iron pipes only.



SMART SWEEPER+

SMART CUTTER+ 4" to 12"

A cleaning & finetuning tool. For reinstatements make the first initial cut with a Twister+ and follow up by grinding remaining edges with the Smart Cutter+. Also, removes inconsistencies, wrinkles and remains of failed liner. Use in cast iron, clay and PVC pipes. Smart Cutter+ can be used to clean fragile pipes.



SMART CUTTER+

TORNADO CHAIN 4" to 12"

For high-speed cleaning. Patent pending, high quality, stainless steel chains with forward and backward grinding end couplings. The Tornado is a heavy-duty chain with carbides on every chain link. Made from highly specialized raw material, increasing the life-span even further. Cyclone Premium & Original Premium Chains also available.



TORNADO CHAIN

SMART CRUSHER+ 3" to 9"

For collapsed liner removal. The flat Crusher Front Drill Head is specially designed to remove failed liner/material when it is located in the middle of the pipe. The Crusher makes the initial hole in the liner removal process. For outstanding results, finalize the removal with the Smart Sweeper+, Cyclone Premium Chain or Smart Cutter+.

The drill head grinds the material away smoothly and safely going forward without tilting the head. Additionally, the Smart Crusher Front Drill Head can be used as the drill head with the Twister+, Smart Cutter+, Smart Sweeper+ and Spider+ tools to customize your own solution.

SMART SPIDER 6" to 9"

A pipe cleaning tool specially designed for pipes where sections are missing or large holes are present. Add the Front Drill Head+ to the Spider+ for efficient descaling when the pipe is completely blocked. Use in cast iron, clay and PVC pipes.

TWISTER CONCRETE REMOVER+ 6" to 9"

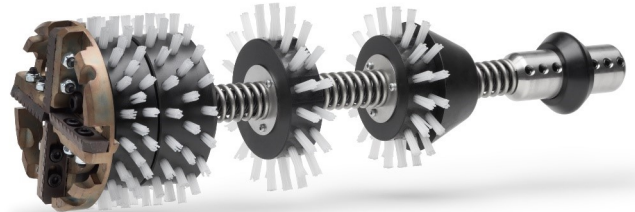
A concrete removal tool. Efficiently remove concrete from fully or partially filled pipes. Includes a Front Drill Head with large durable carbides specially designed to remove concrete. Steer the tool through bends with the Twister Concrete Remover+ with Steering Axle. For great end results, finalize the removal process with the Premium Cyclone Chain or the Smart Cutter+.

TWISTER+ 6" to 12"

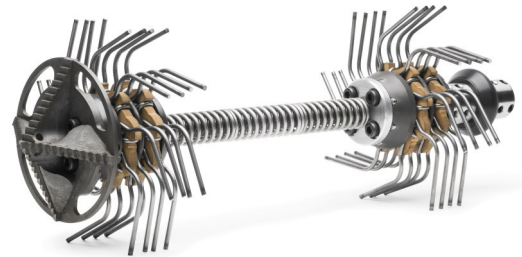
A lateral cutter for fast reinstatements in 6", 8", 9", 10" and 12" pipes. A new, unique and yet simple process to reinstate connections in bigger pipes easily. A proven method previously only available for smaller pipe sizes. Use the Twister+ to make the initial hole and follow up with the Smart Cutter+ to finetune the remaining edges. Use in cast iron, clay and PVC pipes.



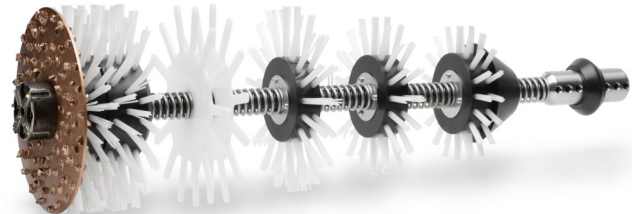
SMART CRUSHER+ FOR 4" PIPES



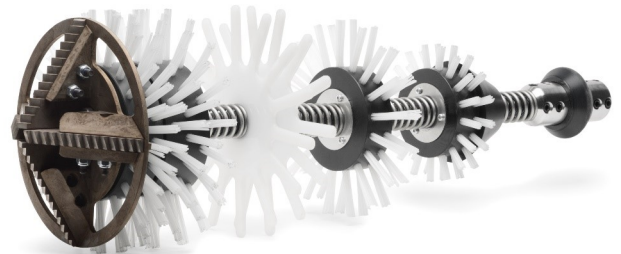
SMART CRUSHER+ 6" & 9" PIPES



SMART SPIDER+



TWISTER CONCRETE REMOVER+



TWISTER+

NEW



THE COMPLETE PACKAGE

We know that every worksite can be different, and when it comes to 3-phase power there can be several variations. To eliminate these issues we now offer the Picote Power Plant. Run all of your Picote Millers with the ultimate Picote Generator. Compact 3-phase Kubota powered diesel engine. Comes with 400v and 230v outlets and a 110v transformer.



PICOTE TRAINING



Training is very important to Picote and our Resellers. We offer certified training programs to customers from our Worldwide Training Center in Anderson, SC. Learn any aspect of how to use our tools, whether focussing on reinstatements and high-speed drain cleaning, the Picote Brush Coating™ System, Maxi Miller Power+ or an overview of all of our tools and their capabilities. Ask your Reseller for information or contact a member of the Picote Team. Small or large groups can be catered for.



NEW

PICOTE **MINI P-TRAP** CUTTER

- HIGH-SPEED DRAIN CLEANING
- BLOCKAGE REMOVAL
- FAST REINSTATEMENTS
- THROUGH 2", 3" AND 4" P-TRAPS

The P-Trap Mini Miller is equipped with a specially produced, highly flexible performance outer casing for the shaft which is durable, flame, abrasion & chemically resistant with a high continuous service temperature.

Already own a Mini Miller? Simply upgrade it with the Mini Miller Safety Clutch (if needed) and the P-Trap Flexible Shaft and you are ready to go.

LET US DRIVE YOU ROUND THE BEND

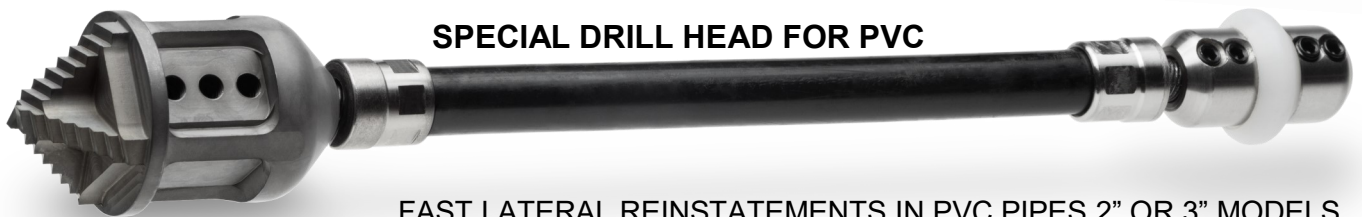
NEW

IT'S A **MINI** THING



MINI SWEEPER

DESCALING & REMOVING WRINKLES 2" OR 3" MODELS



SPECIAL DRILL HEAD FOR PVC

FAST LATERAL REINSTATEMENTS IN PVC PIPES 2" OR 3" MODELS



TWISTER EXPRESS

FAST LATERAL REINSTATEMENTS 2" OR 3" MODELS

RANGE INCLUDES 1/2" AND 3/4" VERSIONS OF SOME TOOLS. ASK YOUR RESELLER FOR DETAILS.

CYCLONE CHAINS



Picote **Cyclone** Chains are suitable for use with the Picote Millers for a high-speed cleaning solution. As they spin on the end of the machine shaft, the centrifugal force keeps the chains centered. Great for damaged or cracked pipes. Offered in Standard, Premium and for PVC pipes.

ORIGINAL CHAINS



Picote **Original** Chains are highly effective cleaning tools for tough jobs, especially useful for soft blockages, scale & calcium deposits and tree roots. Offered in Standard, Premium and for PVC pipes.

PREMIUM CHAINS

The Premium Chain has larger carbides than Standard Chains. The unique U-carbide design covers a greater surface area making the chains faster and longer lasting.



STANDARD CHAINS

The Standard Original Chain is an excellent all round cleaning chain for cast iron pipes. Can also be used for descaling inside clay pipes.



CHAINS FOR PVC

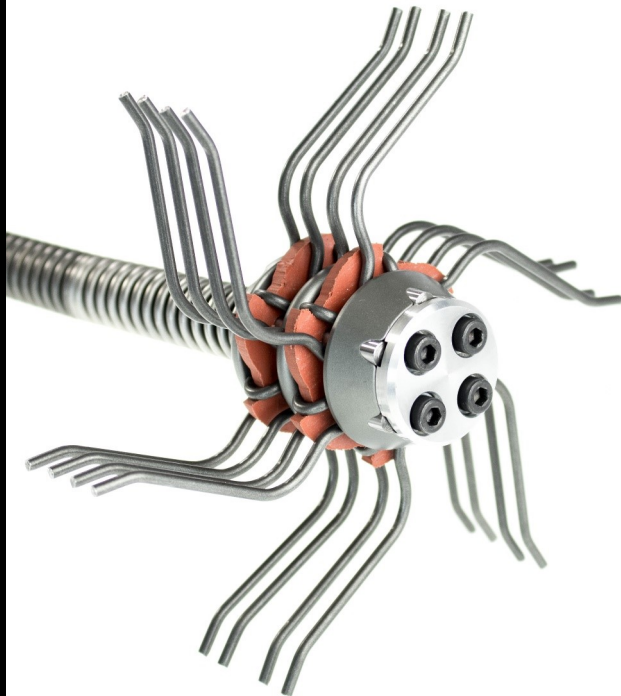
Cyclone Chains for PVC pipes do not have any carbides. The smooth links are safe inside plastic pipes and can also be a more gentle option for inside clay pipes.



Make Leaders for your Original Chain



SMART SPIDER



The Picote **Smart Spider** is a unique descaling tool designed specifically for situations in pipes where the base or other sections are missing. Easily navigates 90° bends. Available sizes: 4" & 6". Easily rebuild your Spider when necessary. For Midi or Maxi Miller. **NEW** use body with Mini Sweeper legs inside 4" pipes to remove liner wrinkles or for tough descaling.

WIRE BRUSHES

The **Picote Wire Brush** is a safe option for smaller PVC pipes. For removal of fine dust and light mineral deposits, this practical tool is available for use with the Mini Miller ($\frac{1}{8}$ " shaft), 2", 3", 4" & 6". Midi & Maxi Miller sizes 4", 6", 8", 10" & 12". Particularly useful for final sweep of pipe before Picote Brush Coating™ application.





THE SMART CUTTER™

The Original Award Winning Lateral Cutter & Remedial Tool, available in a range of sizes from 1¼" to 12".

Open laterals inside cast iron, concrete and clay pipes. The Smart Cutter™ eliminating the need for traditionally expensive methods.

The user-friendly and fully customizable design greatly reduces training and maintenance costs. Can also be used as an aid for robots or for the Twister to achieve a smooth finish.

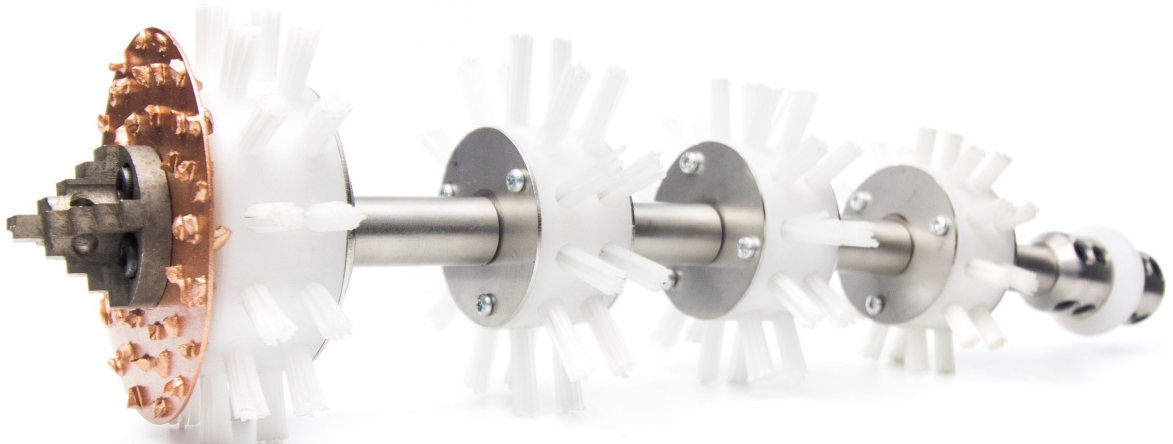
Navigating 90° bends and diameter transitions effortlessly, the Smart Cutter™ accurately shapes openings without accidental damage to the original pipe.

A fantastic remedial tool, the Smart Cutter™ also removes lead, screws, nails, roots, fins and epoxy slugs as well as other inconsistencies inside the pipe, for example wrinkles.

Achieve more, with less time and a much smaller budget. Offer small drain rehabilitation from 1¼" to 12" (9" to 12" only with the Maxi Power+). Ask your reseller for details.

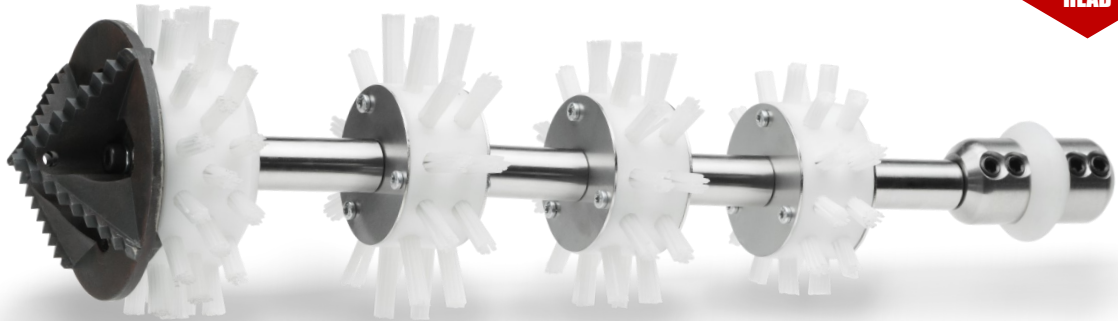


THE TWISTER



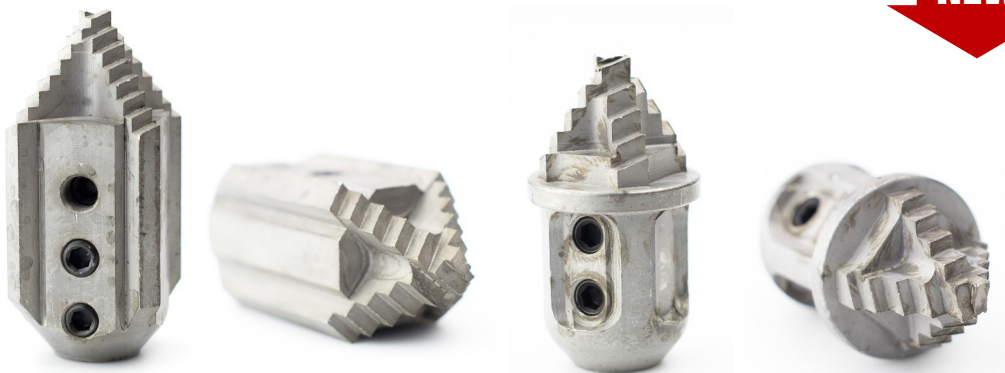
Reinstatements inside cast iron, clay, concrete or plastic pipes. Brushes keep tool centered in the pipe. 4", 6" and 8" models available.

TWISTER EXPRESS



Reinstatements inside cast iron, clay, concrete or plastic pipes. Brushes keep tool centered in the pipe. 2", 3" and 4" models available.

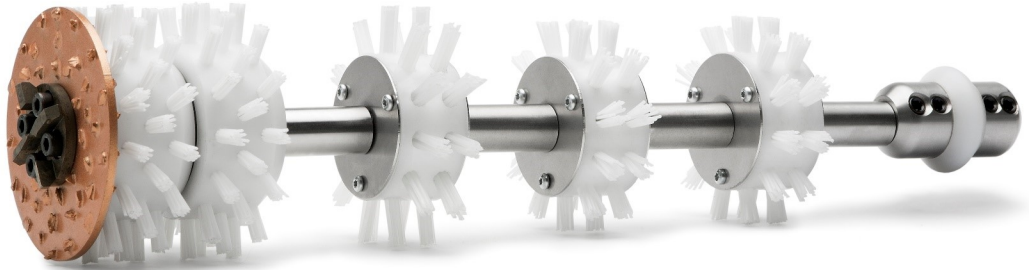
SPECIAL DRILL HEADS



Fast reinstatements inside cast iron, clay or concrete pipes. Special Drill Head for PVC also available. Models available for 1¼" up to 4" pipes. Use inside P-Traps.

TWISTER LINER REMOVER

The **Twister Liner Remover** has two front brushes for stabilization. It also features a custom built flat drill head. The impressive 3mm front metal panel features large carbides, enabling it to perform collapsed liner removal in cast iron or concrete pipes highly efficiently.



FOR USE WITH MIDI AND MAXI MILLERS INSIDE 4" AND 6" PIPES

TWISTER CONCRETE REMOVER



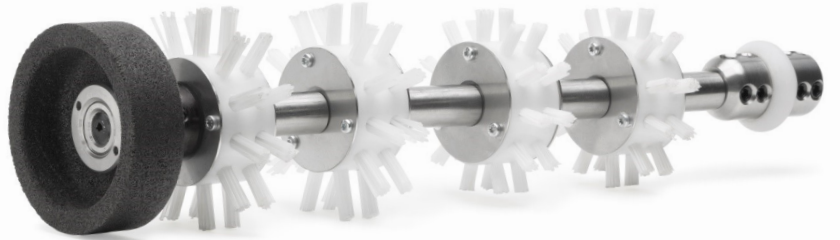
The **Twister Concrete Remover** can be used with Midi or Maxi Miller for 4" and 6" pipes. If the pipe is completely blocked use the regular Concrete Remover, but if there is enough of a gap simply add the steering axle to guide you through the problem areas .

LEAVE NO STONE UNTURNED. NOW AVAILABLE FOR MAXI POWER+

TWISTER METAL GRINDER

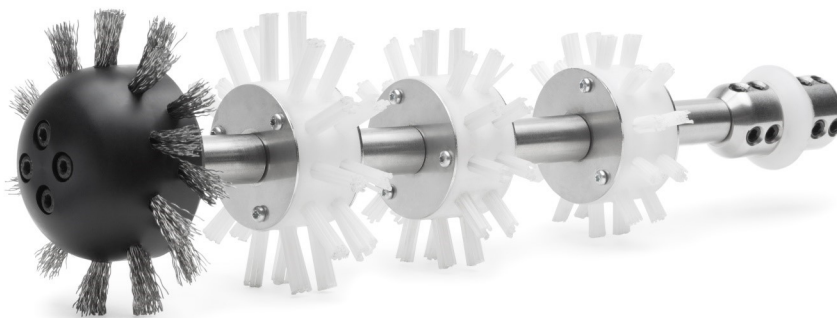
NEW

The **Twister Metal Grinder** can be used to grind most metals, for example nails, screws, steel rods & lead joints. A safe option even inside PVC or clay pipes. Available in 4" for use with the Midi or Maxi Miller.



****COMING SOON** TWISTER METAL GRINDER FOR 6" PIPES**

TWISTER CLEANER



The **Twister Cleaner** is a gentle option for PVC pipes. Suitable for cleaning 4" this useful tool is effective at removing small inconsistencies inside pitch fibre pipes. Use with the Midi Miller or Maxi Miller for outstanding results.

SPECIALIST TOOL FOR GENTLE CLEANING OF PVC PIPES

HIT THE TARGET

NEW

WITH THE **PICOTE LINING CANNON**



Shoot CIPP branch lines with precision and control with a transparent design and compact structure. Enables you to work where cumbersome inversion drums can't to install short liners down to only 2" in diameter. Simply shoot and cure multiple liners with the Picote Cannon Fast Lock System.



The Picote Cannon is a light, transparent installation tool, allowing the user to watch the lining process in real time.

Picote Cannon Fast Lock System for 2", 3" and 4" pipes includes multiple Inversion Heads and a Fast Cap (included in the Cannon package).

Compact design fits easily in tight spaces. Available in two lengths, Mini & Original.

Fast and practical - constructed from heavy-duty polycarbonate and aluminum.

Easier to operate than standard inversion drums.

Safe to use with two independent pressure release systems and a maximum operating pressure of 2 bars/29 psi.

Easy to transport and carry.

Available with an option to insert a CCTV camera inside the cannon.

Picote curing caps and Liner Compressor also available when shooting longer liner with a drum.



PICOTE GRABBER

NEW

Ever lose a tool or other important item down the drain? Avoid digging up costly mistakes with the Picote **Grabber**. Now available in two sizes. Simply select and attach the best grabbing head for the job and reclaim that tool or item, weighing up to **80lb (Original Grabber)** or **150lb (Large Grabber)**. Push the cable into place and switch on the air supply. The customized steering function allows the grabbing head to rotate due to the cable inside, making it much easier to grip the item. Pull the tool out of the drain and turn off the air to release it. Add a 32ft extension if required. The **new** Large Grabber is designed to remove bulkier objects from the drain, for example bricks.



SENTINEL LINER GUARD



The Sentinel is used in monitoring three distinct parts of the lining process: **pressure of the liners, power supply and water levels** in pumping stations. Featuring a remote alarm, The Sentinel sends a text message alert via the GSM network to a cell phone should there be a power outage, fluctuation of the pressure outside the limits, or should the water level in a pumping station rise too high. Pressure data can be requested via text message. Features: illuminated LCD screen with polycarbonate shield, military grade connectors, battery back-up, user adjustable GSM numbers, user adjustable limits for high/low pressure with values IP67 sealed closed and IP64 open. CE & FCC approved.



CONTACT US

CONTACT YOUR RESELLER/SALESPERSON/PICOTE

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ASK ABOUT TECHNICAL TRAINING OPTIONS

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Mika Lokkinen, Chief Inventor of Picote, hard at work with the Maxi Power+

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