



PRODUCT OVERVIEW

Talk to the experts **1800 028 584** or visit us online **seca.com.au**

ENGINEERED INSPECTION EQUIPMENT

Leading supplier of global leading range of **Pipeline Inspection Equipment** such as **iPEK**, **Kepso**, **Envirosight** and **Camtronics** including asset management software from **WinCan**.



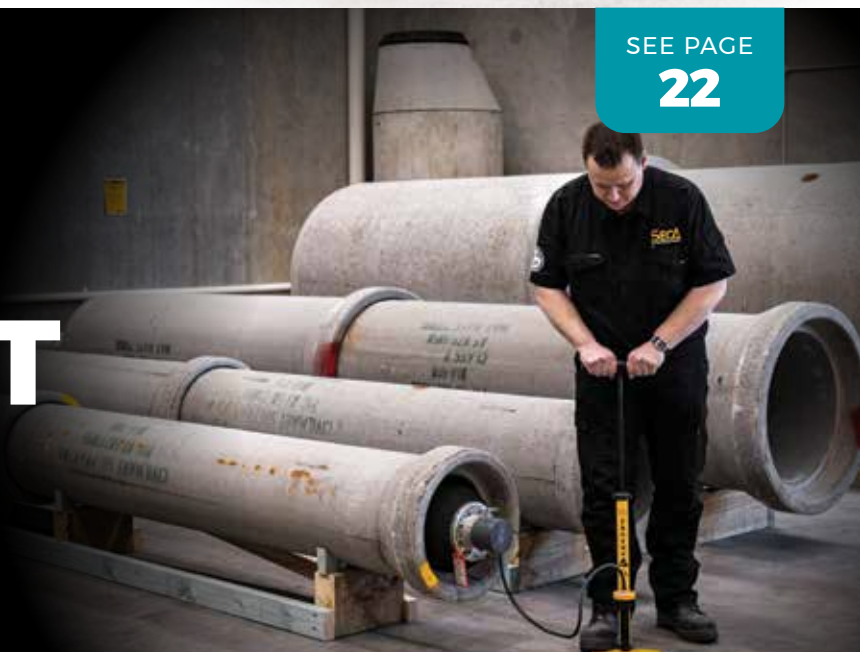
SUPERIOR CLEANING TECHNOLOGY

Nozzles, jetter accessories and a wide range of portable, skid and trailer jetting units that can be customised to suit your needs from industry leaders - **enz**, **Jetwave**, **US Jetting** and **Rioned**. Plus, stocking all your safety equipment and operator tool needs.



PIPELINE TESTING EQUIPMENT

In addition to advanced CCTV inspection equipment and top-tier water jetting machinery, we offer pipe testing equipment sourced from industry leaders from around the world.



REHABILITATION EQUIPMENT

A range of pipe repair and rehabilitation equipment sourced from all over the world with a diverse range of solutions, quality, and durability. We have scoured the world to bring you the latest advancements in pipe repair & rehabilitation technology from names such as **Uhlig**, **Dancutter**, **Trelleborg**, **Sewer Robotics** and **Hammerhead Trenchless**.

OPERATOR & MANHOLE TOOLS

An extensive catalogue of tools, sewer hose protection equipment, root cutters & blades, sectional rods, safety grates and manhole cover lifting equipment as well as PPE and safety barriers & safety signs.

TRAINING

Discover the added value of our product offerings with inclusive training upon delivery for the majority of our product line. Our commitment to your success extends beyond the initial purchase, as we provide continuous support throughout your journey. Elevating our services further, we proudly present Nationally Recognised Training programs specialising in CCTV Conduit Inspection and Drain Cleaning, ensuring you and your staff are equipped with comprehensive skills to do the job efficiently and safely.

SECA
THE FUTURE IN PIPELINE TECHNOLOGY

**TRAINING, TESTING
& DEMONSTRATION
FACILITY**



ABOUT US

WHO WE ARE

SECA is a fast, efficient, quality distribution of pipeline, sewer and plumbing equipment. Sewer Equipment Company (Aust.) - SECA is Australia's leading supplier of equipment for the cleaning, testing, inspection and rehabilitation of pipes, sewers and drains.

We represent the future of pipeline technology, and our experienced team will identify the right equipment you need. With our expert knowledge, service and support for over 50 years, we are your partners in productivity offering you a one-stop shop for all your business' needs from equipment, service and support right through to training. Products now available online from our secure store.

HISTORY

Established in 1967, the company has continued to expand its product range from many leading overseas suppliers and local manufacturers, to offer the most up-to-date and advanced equipment available. Today, SECA offers a comprehensive range of products from a simple plumber's drain cleaning rod, to the latest in high-tech CCTV inspection equipment and software.

Australian owned SECA now hold exclusive distributions rights in Australia and New Zealand for several companies.

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MEET THE FUTURE IN PIPELINE TECHNOLOGY

THE SECA LEADERSHIP TEAM



Mark
Co-Owner and Managing Director

Mark's journey is a testament to his dedication and expertise. Starting as a plumber in Sydney, after completing his apprenticeship, he mastered his skills and ventured into the world of pipeline inspection. His expertise in CCTV inspections and sewer pipe patch lining led him to SECA, where he joined as a Sales Rep in his late 20s.

Over the course of 30 years, Mark's unwavering commitment and profound product & industry knowledge have propelled him from Sales Rep to General Manager then to Managing Director, and ultimately to the joint acquisition of SECA in 2021 with his wife, Nicola. His passion for providing customers with the perfect solutions is evident, driven by his deep understanding of SECA's offerings. Leveraging an expansive global network of suppliers and contacts, Mark envisions a bright future for SECA. He aspires to make customers true advocates, enhancing their productivity through unparalleled service, support, top-quality products, expert advice, and cutting-edge technology.



Nicola
Co-Owner and Strategic Programs Manager

Nicola followed in the footsteps of her Father who grew his small business to become a worldwide supplier of sewer cleaning tools. Nicola's mechanical engineering studies led her to working in Project and Field Engineering roles, before joining SECA as a co-owner. Nicola manages special projects within SECA and engages closely with the team to continue driving a strong, values-based culture with a 'Customer First' approach. Additionally, she aims to position SECA as an employer of choice, solidifying the company's standing as an industry leader.



Colin
General Manager Operations and Innovations

Colin drives SECA's innovation strategy to source global leading products and bring them into the Australian market. Qualified as an electronics technician, Colin has succeeded in building the largest CCTV service team in Australia. With over 20 years' experience in the trenchless industry, Colin aims to deliver high quality technical and customer support, to every customer.



Paul
Head of Commercial

Paul has responsibility for the 'Go to Market' strategy within SECA and the customer experience. Paul understands the value of customer engagement and insights delivering market leading solutions ensuring sustainable growth to both SECA and its customers. With vast management experience in C-suite level roles, Paul's team delivers not just best in class products but a streamlined sales experience and ongoing support to customers.

THE SECA VALUES



Our customers come first.



Everyone matters.



We embrace change.



We are willing and eager to learn.



We want a safe work environment for all.



We take responsibility & ownership.



We strive to do our best.



EXPERT KNOWLEDGE, SERVICE & PRODUCTS FOR OVER 50 YEARS

We represent the **future of pipeline technology** and our experienced team will identify the equipment you need.

We supply world-leading brands across the following products:

- ✔ CCTV Pipe inspection systems including Wincan software.
- ✔ Pipe Cleaning - portable, skid, and trailer jetting systems to suit.
- ✔ Pipe testing & rehabilitation products for trenchless pipe repairs.

With the largest and most qualified service and support team in the industry:

- ✔ Across 5 locations in ANZ
- ✔ Backed by over \$2-million in spare parts
- ✔ Emergency support and next-day guarantees on some products

We have everything your bottom line needs. With **expert knowledge, service and support** for over **50 years**. SECA are your proven partners in reducing lost time. Talk to an expert today.

TRAINING, TESTING & DEMONSTRATION FACILITY



CERTIFICATION & EDUCATION PROGRAMME™

Tried and tested in our brand-new **Testing, Training & Demonstration Facility**, we ensure our equipment is engineered to perform better and last longer. We have everything your business needs to help improve your productivity.



THE LARGEST SUPPORT & SERVICE TEAM IN AUSTRALIA

CCTV Service Centre & Support

SECA No. 1 For Service in Australia

Get back on the job faster & maximize the return on your investment with the largest after sales service team in Australia. We have technicians located across 3 states ready to keep your business on the move.

CCTV

Our in-house technicians, factory trained in Europe, provide a complete service and spare parts inventory for the iPEK, MiniCam & QuickView systems. We have a new and extended CCTV workshop.

WinCan

We have two WinCan support specialists trained in Switzerland. We are able to offer full training in the use of WinCan, phone and remote support to help install, setup or fix any issues.

We service the following brands:

- ✓ IPEK – Rovion
- ✓ IPEK – Supervision
- ✓ IPEK – Rovver
- ✓ IPEK – Agilios
- ✓ Xpection
- ✓ Envirosight
- ✓ Kepso
- ✓ Dancutter
- ✓ **Electric Eel range of products** – We also offer a cable repair service for Electric Eel cables as well as general service and repair for all makes of drain cleaning equipment.
- ✓ **Nozzles** – We have a unique nozzle sizing program to perfectly match your pump output.
- ✓ **Cherne authentic service equipment** – Patch repair kits for smaller holes in pneumatic plugs (subject to inspection).



JETTER, PUMP, VAC & SEWER TRUCK SERVICING

Australia's most experiences & extensively trained team are ready to help.

Problem prevention – don't risk valuable downtime. Our Sydney Team offer fleet servicing support that will keep you in the game.

Rapid response – when something goes wrong, don't waste time. Bring it to us & we will diagnose any problem in less than 2 hours and fix minor problems in under 24 hours.*

*Sydney location, assuming spare parts are available.

We service the following brands:

- ✓ US Jetting
- ✓ Aplax
- ✓ Uraca
- ✓ Rioned
- ✓ Pratisoli
- ✓ CVS
- ✓ Myers
- ✓ Hammelman
- ✓ Liquid Ring
- ✓ Renzorato
- ✓ Speck
- ✓ General Pumps
- ✓ Roots Blowers

We stock an extensive range of spare parts for the following:

- ✓ Waterjets
- ✓ Rootcutters
- ✓ Electric Eel
- ✓ Cherne Pipe Plugs
- ✓ ProJet waterjets
- ✓ US Jetting machines
- ✓ KAISER Moro
- ✓ Root cutters
- ✓ Dancutters
- ✓ Hydraulics Cutters
- ✓ Piranha Sewer Hose



MiniFlex® 2

Your Curving King!

Known as the "Curving King" this sewer camera is equipped with a unique patented flexible element between camera head and the pushrod. With 20m cable, bullet shaped camera head, inspect pipes from 32mm to 80 mm on an easy to view integrated video and photo monitor.

FEATURES INCLUDE:

CAM19

- ✓ For pipe sizes 32 - 100mm
- ✓ Takes 90° bends with ease.
- ✓ Available in 15/20/30 and 40 m lengths
- ✓ Special wide-angle lens (100°)
- ✓ 7h battery life
- ✓ 512 Hz Sonde transmitter
- ✓ Record video and take photos

CAM36

- ✓ For pipe sizes 50-200mm
- ✓ Self-leveling camera head
- ✓ Slope indicator
- ✓ Available in 30/40 lengths cable with an adjustable brake
- ✓ 8" display with DVR
- ✓ 7h battery life
- ✓ Record video and take photos



MiniFlex®
Camitronics

iPEK AGILIOS™

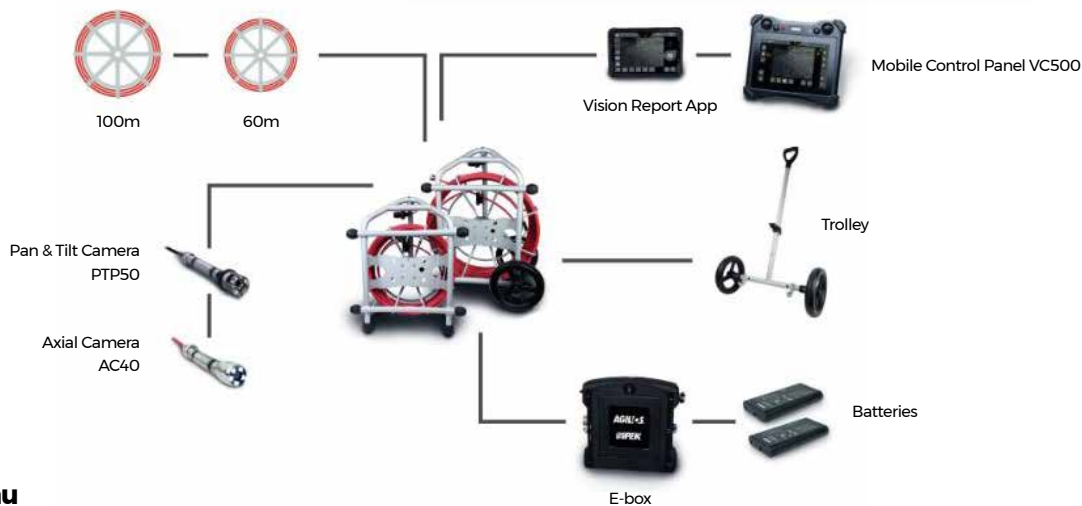
Powerful and maneuverable with high pipe bend mobility

FEATURES INCLUDE:

- ✓ Multi-functional, portable operator panel VC500
- ✓ For inspecting pipes 80mm - 300mm
- ✓ Cable lengths 60m & 100m
- ✓ Self-levelling high-resolution image
- ✓ Ergonomic handle for easy handling and comfortable transport
- ✓ Extremely robust, yet flexible push rod
- ✓ Export to USB or via WiFi
- ✓ Swivel arm to mount the mobile control panel VC500
- ✓ Mains or battery operation possible
- ✓ Power cable and battery pack
- ✓ Axial Camera (AC40) or Pan & Tilt Camera (PTP50)



iPEK
AGILIOS™



Hathorn Inspection Cameras

The brightest, impact resistant screens in the industry.

Crafted with precision across diverse landscapes from California to Canada and Australia, Hathorn cameras are engineered to excel even in the most demanding environments. Demonstrating unwavering performance day after day, these cameras ensure your uninterrupted workflow, enabling you to stay engaged on the job for extended periods. When it comes to selecting the ideal camera for pipe inspection tasks, choose Hathorn. Batteries not supplied*.



Hathorn H7 Standard Camera System

Elevate your residential plumbing, contracting, and home inspections with a top-tier solution. Engineered to excel in diverse markets, this all-in-one system boasts a seamless integration of cutting-edge features.

FEATURES INCLUDE:

- ✓ Available in 60m & 1.43 self leveling camera head
- ✓ 7" (17.8cm) impact resistant daylight readable LCD screen
- ✓ Screenshot option function
- ✓ Internal hard drive of 64GB
- ✓ 512Hz high power sonde
- ✓ Record to USB & HDD



*Uses a 18V Milwaukee battery (not included)

Hathorn H12+ Control Module (for standard reels)

Featuring a cutting-edge, impact-resistant 12" LCD screen that outshines the competition with nearly three times the brightness of conventional camera systems. Elevate your professional experience with the H12+, the preferred option for experts in all lighting scenarios, even under the most challenging conditions such as direct sunlight.

FEATURES INCLUDE:

- ✓ Light weight - only 4.5kgs
- ✓ Mains power adaptor supplied
- ✓ Standard reels come in 60m & 120m lengths
- ✓ Internal hard drive of 128GB
- ✓ Full size keyboard daylight readable display
- ✓ Screenshot function



*Uses a 18V Milwaukee battery (not included)

Hathorn Wi-Fi Cameras

Experience the future of visual exploration with Wi-Fi reels. Effortlessly stream real-time video feed directly to your mobile device. Seamlessly integrate with the Hathorn app, available for both Apple and Android devices, and unlock a world of possibilities - from capturing high-quality recordings and snapshots to adding your own voice commentary. Sharing files with convenience via text and email or by conveniently inserting a phone compatible USB drive (USB not provided).

FEATURES INCLUDE:

- ✓ Wi-Fi reel for use with phone or tablet
- ✓ Mains power adaptor supplied
- ✓ Stream & records to mobile device (device not included)
- ✓ Available in 60m or 120m lengths
- ✓ 6 to 8 hours of running time on a single charge
- ✓ Meter counter (feet or meters)



*Uses a 18V Milwaukee battery (not included)

Quickview® airHD

Optimized For Productivity

The QuickView airHD is the only zoom survey camera to offer these features to boost your productivity, detail and safety:

FEATURES INCLUDE:

- ✓ Powerful zoom optics (30X optical, 10X digital)
- ✓ Remote tilt adjustment
- ✓ HD video
- ✓ Cable-free (wireless) design
- ✓ Touchscreen tablet control
- ✓ In-manhole view centering
- ✓ Hands-free stabilization



quickview
airHD

ENVIROSIGHT

Quickview® 360

Prompt and precise insights with Automated Manhole Inspection Camera, delivering actionable results within minutes.

FEATURES INCLUDE:

- ✓ Image based quick manhole inspection
- ✓ Seamlessly transmit results to the cloud via the WinCan web app (WinCan mobile)
- ✓ Designed to work as part of the WinCan suite



ENVIROSIGHT

enz® Camera Nozzle

The only camera nozzle that cleans!

The enz® Camera Nozzle – a cutting-edge addition to our nozzle lineup! Its modular design ensures compatibility with various nozzle types like eBomb and eBulldog, guaranteeing streak-free cleaning across applications. Equipped with HD-ready resolution and 12 powerful LEDs, it provides high-quality video for inspection, documentation, and quality control. Seamlessly manage data through the integrated WiFi interface and enz® Cloud connection. Automatic Google Maps integration plots videos to map manholes and channels. The enz® Camera Nozzle is user-friendly, swift, and rugged, boosting productivity without compromising cleaning performance or quality.

FEATURES INCLUDE:

- ✓ Available in 150 - 400 mm pipe and 250 - 400 mm pipe
- ✓ Operates with iOS and Android
- ✓ Integrated data management
- ✓ User friendly App
- ✓ Data management using enz cloud
- ✓ 24 GB camera memory



enz

JetCam 4.0

Steerable Lateral Inspection Camera and Cleaning

JetCam - Turn your jetter into an inspection camera and prove that the pipe is clean.

FEATURES INCLUDE:

- ✔ Inspect pipes as well as cleans
- ✔ Traverse multiple bends in the pipe
- ✔ Simple operation
- ✔ Records to removable SD card
- ✔ Battery operated - rechargeable



Viper Compact

Jet-powered, steerable HD video nozzle

The VIPER® allow for smooth maneuvering around branches. A switchable forward jetting nozzle for clearing obstructions and the Full HD live camera facilitate effective work, even in tricky-to-access locations.

FEATURES INCLUDE:

- ✔ For pipe Sizes 3" - 24" (DN 75-600)
- ✔ Passes through and steers into multiple 45 degree bends in lines 3" (DN75) and larger
- ✔ Passes through and steers into multiple 90 degree bends in lines 4" (DN100) and larger
- ✔ Working pressure up to 4350psi (300 BAR)
- ✔ Hose diameter 3/8" (DN 10) thermoplastic HP jetter hose 3/8" (DN 10) or 1/2" (DN 13)
- ✔ Camera cable integrated in the jacket of the HP-hose



CleverScan

Perform Rapid, Automated Manhole Inspection with SECA's CleverScan

With the press of a button, **CleverScan** performs a rapid, high-res, fully automated manhole inspection.

FEATURES INCLUDE:

- ✔ Get a high-res image scan and dense 3D point cloud in 2-3 minutes from set-up
- ✔ Suits manholes up to 1200mm wide 10m deep
- ✔ Deploys from any vehicle with only one operator
- ✔ Battery operated - rechargeable
- ✔ Included software shows scan image and 3D view
- ✔ Fully compatible with ArcGIS, WinCan, and MACP
- ✔ Employs five HD cameras and laser array



RYCOM SNAPTRACK® LOCATOR

POWERFUL AND FEATURE-PACKED UTILITY LOCATOR. MAKES ACCURACY SIMPLE, FAST, AND AFFORDABLE.

Multiple active frequencies allow the user to accurately locate with a minimum of interference while maintaining the ability to continue locating past faults and around conduit bends. Passive frequencies identify "live" and charged lines by their naturally occurring electromagnetic fields. The **SnapTRACK®** offers multiple passive frequencies -- 50Hz, 60Hz, Radio Frequency, Cathodic Protection Rectifier & CATV - allowing line locating without the use of a transmitter.



iPEK Rovion®

ROVION. One system - all options!

Australia's most popular CCTV pipe inspection system. With over 150 Rovion systems in operation across Australia and NZ from small pipes to large pipes Rovion has you covered. Designed for Sewer, Storm-water, Civil, Local Government inspections.

Perfect system for Local Government, Water Authorities, Contractors and Hire Companies

FEATURES:

- ✓ High-resolution Zoom camera
- ✓ Suits pipes 95mm to 2000mm
- ✓ Cable length 200m to 500m
- ✓ Modular design for future growth and expansion
- ✓ Inspects all types of pipes to WSA & NZPIM standards communicates directly with WinCan reporting software
- ✓ Multiple configurations available to suit any operational needs
- ✓ Fully supported by SECA's German factory trained technicians in Sydney, Melbourne & Brisbane



VC500 control with RM200 reel & RX95 crawler and PTC50 camera

Standard Range - 200m portable system 100 - 300mm*
*with extra-large wheel set

POPULAR SYSTEM SETUPS



VC500 control with RAX 300 reel, RX130 crawler & RED200 Elevator

Medium range - 300m system 150-750mm*
*with optional extra - large wheel set



DCX5000 control with RAX500 reel & RX400 crawler

Long Range - Built-In 500m system 150mm - 2000mm



Accessories



RED200 Elevator

Increase the height of your RX130. Electronic lift with additional light mount.



RCR1000 Carrier

Increase the range of the RX130. Centres RX130 with RED200 in 1m pipe wide stance & high clearance.



FLOAT

Turn your RX130 into a floating inspection tool with tether points at front and rear.



RCC90

Inspect shafts with your standard camera. With focused lighting and additional light mounts.



LSS Laser Scanner

When inspecting manholes and pipeline systems the Laser profiler serves as an accessory for pipeline inspection systems allowing the exact determination of the diameter and the detection of deformations.

Crawlers



RX95 Crawler

For pipes DN100 up to DN300



RX130 Crawler

For pipes DN 150 up to DN1000 (with carrier & elevator)



RX400 Crawler

For pipes DN400 up to DN1300 (optional up to DN2000)

Asset Management Software for Waste Water Infrastructure

WinCan Inspection Software

WinCan VX is the core of the entire WinCan product family.

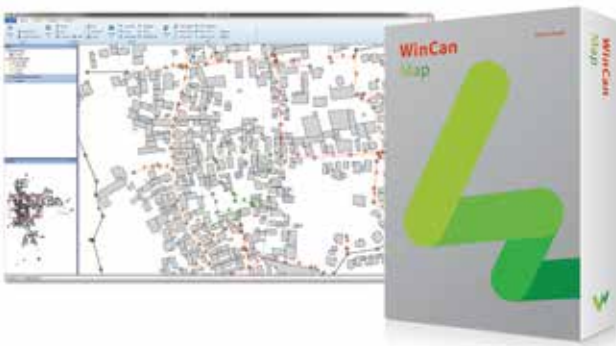
It offers the core functionality you need to collect pipe inspection data, organize it into a database, and generate inspection reports that graphically display the pipe and its defects.

WinCan VX also allows you to manage data in the office post-inspection, share it with clients using free viewer software, and export it in a variety of formats. Various report templates present a concise summary of asset condition and can be fully customized to individual needs.

ADVANTAGES

- ✓ Universal Compatibility
- ✓ Common Platform
- ✓ Supporting Beginners and Experts
- ✓ Flexible Reporting
- ✓ Graphical Presentation
- ✓ Flexible Interface
- ✓ Entry-Level Interface
- ✓ Extendable Design

SECA has been selling and supporting WinCan to both contractors & authorities throughout Australia since 1999.



WinCan Map

The geographic information system for sewer networks

Navigate and analyse your inspection data using familiar GIS views and tools. WinCan Map VX accepts all major GIS data formats (ESRI, AutoCAD, DXF / DWG, MapInfo, OpenStreetMap, etc.).

ADVANTAGES & FEATURES

- ✓ Flexible Interface
- ✓ Lateral Inferencing
- ✓ Asset Geolocation
- ✓ Data Visualisation
- ✓ Direct Integration
- ✓ Data Transfer
- ✓ Scalability

WinCan Web

An Introduction

WinCan Web is a cloud delivery and storage solution for CCTV inspection data collected by WinCan. The way data has been presented and ultimately delivered by WinCan has evolved over the years. We started with printed reports and video tape, then the world went digital and moved to CD and DVD delivery, as storage became larger and cheaper hard drives and USB memory sticks have become more and more popular. The biggest downside with all these possibilities is they require physical delivery of the report and video. Normally this involves posting a DVD to the customer. This takes time which ultimately delays the report delivery and decision making.



SECA Customised Vehicle Builds

Each van fit-out is designed to suit your individual needs. Variables such as van size, system configuration, load capacities, storage requirements, etc., are taken into consideration when planning the design.

Photo is of Mercedes Benz long wheeled base van. Other branded vans and sizes can also be done*

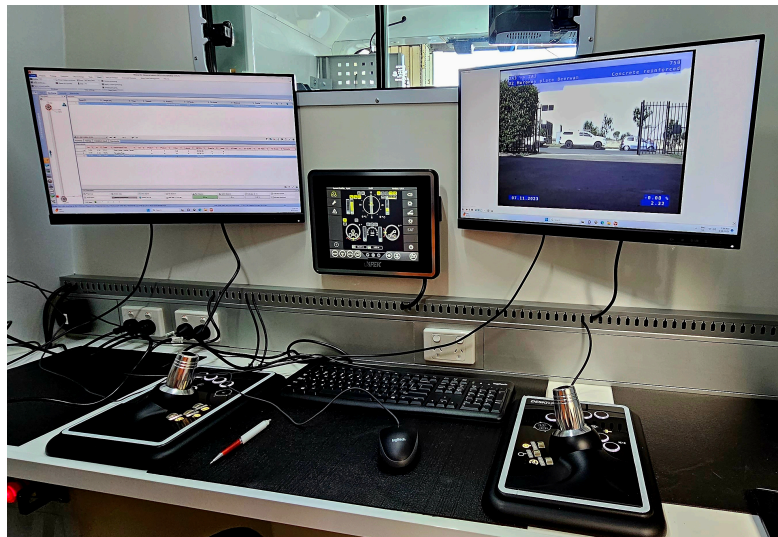
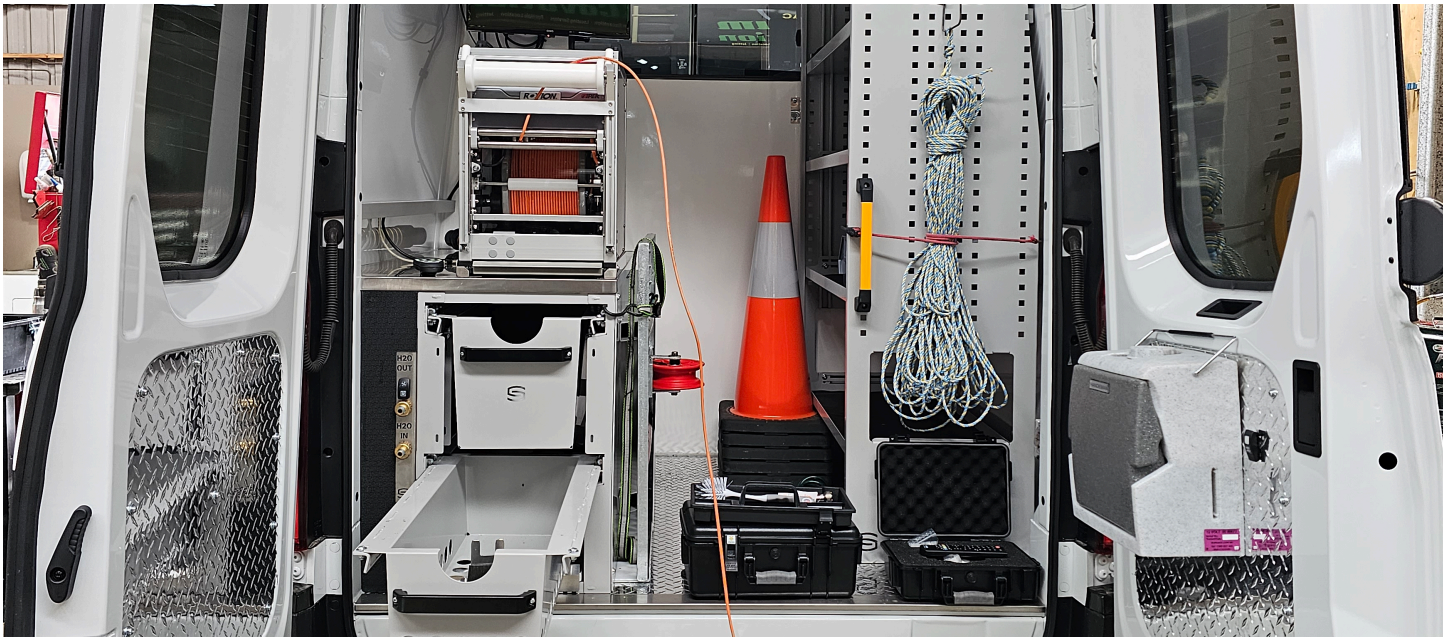


Picture of a Hino Hybrid truck fitted with the electric eCityJet Jetter by Rioned and iPek Rovion Camera system



CUSTOMISED BUILDS

TALK TO THE EXPERTS
1800 028 584



VISIT US ONLINE **seca.com.au**

Rioned MiniJet

The MiniJet is a professional high-pressure jetting machine, that can be taken everywhere without problems. It is suitable to clean drains from 25 - 100 mm.

- ✓ Professional HP jetting machine
- ✓ Powerful pump
- ✓ Easy to transport
- ✓ With separate detachable motor / pump unit
- ✓ For drains from Ø 25 - 100 mm
- ✓ Fit for NW5, NW6 and NW 8 hoses
- ✓ Ergonomic



Rioned MultiJet

The Rioned MultiJet is a high-pressure jetting trailer designed and built with our latest jetting technology and is suitable for unblocking and cleaning drains and sewers up to 600 mm.

- ✓ Robust and durable
- ✓ Designed for intensive use
- ✓ Patented 90° + 180° pivoting high pressure hose reel
- ✓ Very stable road holding
- ✓ Various flows and pressure available

Rioned.



Rioned ProfiJet

The ProfiJet T4 van-pack jetter is the most powerful, emission compliant drain jetter. Harnessing the Kubota 65 HP diesel or 44 HP Diesel engine, it is the cleanest, strongest and most efficient drain jetter for that meets Tier 4 (US) and Stage V (Europe) legislation in relation to exhaust emissions of industrial diesel engines.

- ✓ Fuel-efficient Tier 4 and Stage V complaint jetter engine
- ✓ Complying to current and future NRMM emission regulations
- ✓ Lightweight due to aluminum frame
- ✓ Control+ user interface with integrated hose meter counter
- ✓ 270° pivoting and rotating hosereel



Rioned AquaJet

The AquaJet has a very compact design. It fits almost every lightweight van and pick-up, such as Toyota Hiace, MB Vito, VW Transporter, VW Caddy, Peugeot Partner. Alternatively, it could also be fitted to a small pantech. The machine leaves a maximum loading space inside the van for storing other tools and equipment without exceeding the maximum payload weight. The machine can be fitted very easily. The AquaJet is suitable for unblocking and cleaning drains and sewers up to 350 mm.



Rioned CityJet

The CityJet is the latest compact skid mounted jetting unit and is especially developed to be built into small and medium size vans; e.g. MB Vito, VW Transporter, Renault Trafic and Toyota Hiace. Alternatively it could also be fitted to a small pantech. The 135° pivoting high pressure hose reel ensures an optimal and ergonomic ease of operation. The hose reel is supplied with a new hose guidance system and swings out at 135° direction. The control box always moves with the hose reel at perfect working height. The CityJet is suitable for unblocking and cleaning drains and sewers up to 450 mm.



Rioned eCityJet

Rioned developed the world's first fully electric sewer cleaning machine for pipes with a diameter of up to 350mm. The fully electric CityJet jetting machine uses state-of-the-art technology, and features a strong electric motor powered by an extremely efficient battery pack. This means the machine produces zero emissions, which makes the eCityJet ideally suited as a van-pack for use in city centres where strict emission requirements apply and in areas that are completely or partially enclosed.

- ✓ Zero emission
- ✓ Top up the charge during the day for longer flushing
- ✓ Ideal for work in ultra low emission zones
- ✓ Empty machine weighs approx. 690kgs



DRAIN CLEANING MACHINES

TALK TO THE EXPERTS
1800 028 584

Renzorato

THE FLEXIBLE NEW WAY OF DRAIN CLEANING

The new Renzorato high-speed flexible shaft drain cleaning machine has been designed for the rapid removal of rust, cement, lime, and small tree roots in concrete, cast iron and PVC drains up to 125 mm. Producing up to 3,000 RPM, the high rotation speed means the specialised selection of tools covers every part of the drain wall for thorough cleaning. This makes the machine ideal for sewer cleaning, CIPP preparation and cutting applications. The spring is protected with a flexible outer cover that allows the cable to go through the tightest of bends. The Renzorato can be supplied with a range of specialist cleaning heads for optimal operation in different drain types and diameters.



Accessories

CHAINS & DRILLER HEADS



Chain Knocker 50mm



Chain Knocker 75mm



Pipe Master 15mm



Driller Head 40mm



Pipe Master 150mm

CUTTERS



Wing Cutters



Grinder Hub 75mm



Sandpaper



Grinder



Rubber

For our full range please visit our website.

Flexible Shafts

The Flexible Shafts is the ideal entry-level tool for unclogging and cleaning short pipes in kitchens and bathrooms. Blockages in smaller diameter pipes are removed in an instant with this handy high-speed cleaner. Due to its ease-of-use, safety features and low weight, the Flexible Shafts has become an indispensable tool for installers, plumbers and sewer cleaners.



*Picture for illustration only. Carry case not included

VISIT US ONLINE **seca.com.au**

We provide a wide range of Electric Eel models and parts. Full range can be viewed on our website.

Electric Eel Model C

75mm to 250mm lines

Easy, one man operation. Direct drive self feeding cable. Direct cable drive off front of machine allows 500rpm rotation and distances over 60m. Enclosed 3/4HP capacitor motor with custom built gear mechanism gives you longer life and plenty of power. Weighs only 34kg for easy handling and transporting. Folding handle makes for compact storage and allows use in crawl spaces.



Electric Eel Model K

32mm to 75mm lines

Economical Model K comes standard with 15m of 12.5mm cable and 3 cleaning tools. Weighs only 23kgs. Cage can hold 30m of cable. Cable is certified music wire with genuine galvanised aircraft wire inner core for longer life.

Large crank handle provides firm grip for easier turning. Nickel plated cable cage rotates freely on self aligning bearings. Thumb screw at front of cage anchors cable securely. Heavy duty steel frame is reinforced on both sides with steel braces.

Tools included are General Purpose, Stoppage tool and Finishing tool.



A Larger Range Of Tools Also Available

Finishing Tools



EA-13/14DC



HDD "S" Shaped



ST-2 Bulb Shaped

Grease Tools



U-3

Retrieving Tools



HDD-7



HDD-2A

Heavy Duty Root Saw Tools



HDD-3S



HDD-7S



HDD-4S



Starting Tool

Sectional Rodding Equipment

'Rose' Rod Turning Machine

The Rose Rod Turning Machine is powered by a 5.5 HP Honda petrol engine, which is equipped with an oil alert, and On/Off switch. Power is transmitted to the Snow-Nabstedt reduction/reversing transmission via Vee belts and from the transmission to the torque limited rod drive shaft via a chain drive. The torque on the rod shaft is limited to 3.5kgfm and the rod turning speed is limited to 120 rpm.



Tools



Corkscrews (various)



Heavy Duty Flat Root Saw Blade



Assembly Turning Handle



Augurs



Sewer Brushes



Sewer Rods

JETTER ACCESSORIES, NOZZLES & HOSES

TALK TO THE EXPERTS
1800 028 584

RootX & GreaseX

RootX is a simple, cost-effective and proven way to kill pipeline roots blocking sewer lines and septic systems.

Please note sold as a case of 12 of Jars available in 908g or 1.8kg Jars and to Licenced Plumbers only



Grease-X Jet is a fast-acting product that's specially formulated for use with jetter units. When used with your jetting equipment, it quickly unblocks FOG-choked pipelines and immediately restores pipe flow capacity. Grease-X Jet is effective on all types of animal, vegetable and petroleum greases, fats and heavy oils.

Grease-X Jet is also ideal for cleaning jetting equipment after use. 19L ... (5 US Gallon) Bucket



Nozzles

enz

Innovative solutions for sewer, pipe cleaning, surface and tube. Top standards for top satisfaction. enz has brought innovations to the water jetting market since 1985. By asking for constant feedback from Local Government and industrial firms, enz set top quality standards. enz offers a suitable tool for every application. Manufactured 100% in Switzerland, high-tech products are unsurpassed when it comes to workmanship quality and effectiveness.



Standard Nozzles



Pointed Nozzles



Grenade Bombs



Gliding Nozzles



Rotodrill



Rotopulse



Propeller Nozzles



Rotating Nozzles



Chain Flail



Impact Cutter

enz Bulldog

This controlled rotation nozzle has been built with a clever oil free braking system and can be used with either fresh or recycled water. The bulldog is almost maintenance free and is very easily handled, offering the user a very efficient cleaning system. The slow rotating speed results in a longer jet time on targets and is devastating to even the toughest pipeline deposits.



Bulldog 037



Bulldog 060



Bulldog 080



Bulldog 100



enz Bulldog (low flow)

EASY TO HANDLE AND PRACTICALLY MAINTENANCE-FREE.

The Bulldog Nozzle has been designed for operation with recycling water and freshwater.



Mini Reel



Mini Reel c/w valve, gauge & swivel



Mini Reel c/w valve, pressure gauge, swivel & 60M of 1/4 inch hose

NOZZLE EXTENSION BAR - RATED TO 350BAR

The Nozzle Extension Bar is used as a safetyliner to prevent nozzle turnback in pipe. Available in 20mm(3/4") and 25mm (1")



enz 5 piece nozzle kit includes:
1/4" BSP or quick connect bent rotodrill, penetrator, button, pointed and grenade nozzles.



*Also comes in 3/8" BSP connection.



enz Bent Rotodrill

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Piranha Sewer Cleaning Hose

APPLICATIONS:

- ✓ **High Pressure Sewer Cleaning** - Applications for commercial, industrial and residential.
- ✓ **Tight Pipe Bends** - Slick, Slither™ cover affords an easier handling hose to get the job done.
- ✓ **Jetting/Lateral Line** - Used for jetting equipment.

TEMPERATURE:

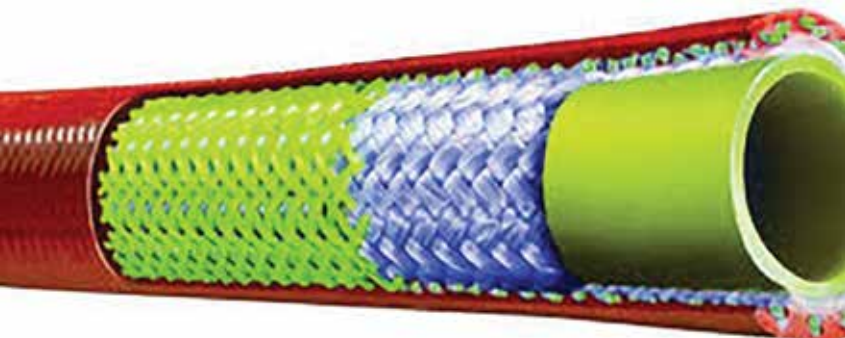
- ✓ **Hose Temperature Range** - For the diameters of 1/2", 3/4", 1", 1 1/2" and 1 3/4" is -4°C to +66°C
- ✓ **Hose Temperature Range** - For the diameters of 1/8", 3/16", 1/4" and 3/8" is -4°C to +71°C

CONSTRUCTION:

- ✓ **Inner Tube** - Yellow Polyolefin. (Sewer Cleaning Hoses, 2,500 & 3,000 PSI) Yellow seamless thermoplastic (Jetting/Lateral Line Hoses, 4,000 & 5,000 PSI)
- ✓ **Reinforcement** - High tensile one or two synthetic fibre braids.
- ✓ **Cover** - Abrasion resistant polyether-urethane. (Standard)
- ✓ **Slither™** - Polyether-urethane low coefficient of friction. (Most SECA hoses are Slither)

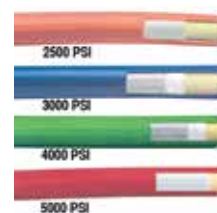
FEATURES & ADVANTAGES:

- ✓ **Materials** - Constructed to provide rugged and reliable service under the most severe and demanding conditions.
- ✓ **Yellow Color Tube** - Assures the user that they are using a WASTEC designated Piranha Hose Product.
- ✓ **Polyolefin or Seamless Thermoplastic Tube** - Provides maximum resistance to hydrolysis.
- ✓ **High Tensile One or Two Synthetic Fibre Braids** - Contributes to low volumetric expansion and eliminates loss of strength from moisture absorption.
- ✓ **Abrasion Resistant Polyether-Urethane** - Polyurethane cover provides exceptional cut, abrasion and fungus resistance.
- ✓ **Slither™ Cover** - Cover is ultra-slippery; allows hose to manoeuvre around and through difficult sewer bends.
- ✓ **Pressure Testing** - All Piranha factory-assembled hoses are 100% pressure tested.
- ✓ **Reel Installation** - Ideal for truck and trailer mounts.



INDUSTRY STANDARDS:

- ✓ **Orange Cover = 2,500 PSI**
- ✓ **Blue Cover = 3,000 PSI**
- ✓ **Green Cover = 4,000 PSI**
- ✓ **Black Cover = 4,000 PSI (High Burst)**
- ✓ **Red Cover = 5,000 PSI**



LENGTHS:

- ✓ **Stock Lengths** - 1/2" to 1 1/2" available in 120m, 150m and 180m rolls 3/16", to 3/8" available in 40m, 60m, 80m and 120m rolls
- ✓ **Custom Lengths** - Available and made to order.

1", 3/4" & 1/2" Leader Hose

A hose of a different colour to main hose. Lets the operator know where the nozzle is. Specify size & colour when placing order. Available in 3m, 4m or 5m.



Tiger Tails

Protect your hose with Tiger Tails. Available in 2" & 3"



Warthog Drain Cleaning Nozzles

Drain Cleaner Nozzles or Drain cleaning tools from Warthog offer superior drain cleaning. Warthog nozzles are engineered to handle the roughest sewer cleaning applications.



Warthog WC



Warthog WH



Warthog WS



Warthog WT

Hydraulic Rootcutter

Hydraulic Rootcutters are available in 1/2" - 3/4" - 1"
Rootsaw blades available from 100m to 450mm

*Product shown with blades. Blades not included, please purchase separately in the drop down below.



Hydraulic Rootcutter Kit

Hydraulic powered root cutter - 1/2" - 12.5mm for pipes from 100 to 225mm.
Will operate on flows from 38lpm (10gpm) to 56lpm (15gpm) at pressure from 55bar (800psi) 138bar (2000psi). Do not operate over 2000 psi.

Kit includes: 3 saw blades and skids for pipes 100 - 225mm, toolbox and manual.
Spare parts/skids e.t.c are available.

Heavy Duty Flat Root Saw Blades

The Heavy Duty Flat Root Saw Blades is the most superior blade on the market. It is unmatched in overall strength and performance.

The heavy duty materials increases the life of the saw and eliminated deterioration. Tougher and longer lasting than any saw blade made.



Cherne®

We stock a wide range of test ball and muni balls plugs, grippers and remo plugs in various sizes, plus pillow type test ball and muni plugs. Read Back Hoses with gauge. Air-Loc Leak Location Kits, Line Acceptance Kits and Smoke Testing products from Cherne. Check out the full range and sizes on our website.



Test-Balls



Muni-Balls



Gripper® Plugs



I-Series Test Ball & Muni-Ball



Remo Plugs

Testers And Location Kits



Cherne® Air-Loc® Smoke Testing Products

Smoke testing sewer systems was introduced in the early 1960's as a method of identifying areas where extraneous water was entering sanitary sewer systems.

Today, smoke testing is known to be a proven method of effectively identifying inflow (storm/ground water entry into sanitary sewer), connected roof and basement drains, yard drains, illegal taps, and storm sewer cross connections.



Cherne® Air-Loc® Leak Location Kit

A leak location (segment) test is accomplished by first stringing the sewer line using a Cherne® Air-Loc® Line Stringer or float line.

Once strung, a winch cable is used to pull two Air-Loc® Leak Locator plugs,

which are attached together with an interconnect hose, through the pipeline in 22' intervals. Air is introduced between the plugs at each 22' increment until the test fails. Then, by moving the plugs back and forth, the leak can be isolated within two feet.



Cherne Air-Loc® Manhole Testers

Air-Loc® Manhole Testers provide the most efficient, accurate, and cost effective method of testing new, existing, and rehabilitated manholes. Vacuum testing identifies infiltration and ex-filtration problems.



Cherne® Residential Plumbing Smoke Blower

The Cherne® Residential Plumbing Smoke Blower provides fast and easy leak detection in plumbing systems. Long lasting, dense smoke can be used

indoors and is pumped through the plumbing system to identify leaks quickly and efficiently. Cherne Industries is a global leader in pipe plugs, blocking and testing.



Cherne® Air-Loc® Hydrostatic Test Pump

Designed for pressure testing water lines and sewer force mains as prescribed by AWWA Standard C600 Installation of Ductile-Iron Water Mains and C605 Installation of PVC Pressure Pipe. Cherne® Air-Loc® Hydrostatic Test

Pumps are designed to be the most user friendly in the industry. Both Diaphragm and Piston Style pumps are available and come powered by either a Honda or Briggs & Stratton engine.

Manhole Lubricant & Sealant



Cherne Shutout seals and lubricates manhole covers to reduce inflow. Shutout is a safe, jobsite ready solution compatible with most manhole installations.



EHLE Smoke Machine

'Fog-smoker' is a compact but powerful unit with integrated fan. This unit is especially suited for professional inspection of tubes, sewers, and tanks to locate leaks and wrong connections.

10 different air and fog volumes can be selected at the control panel (soft keyboard). The fog fluid creates a dense white fog, but no health hazard.

*smoke fogger fluid also available.

PIPE REHABILITATION EQUIPMENT

TALK TO THE EXPERTS

1800 028 584

Dancutter Mini Bike

Incredibly Flexible & Powerfull In A Small Package

KEY FEATURES DC MINI BIKE:

- ✓ 50 - 70mm pipe diameters
- ✓ 5m air supply hose
- ✓ Full 360° rotation
- ✓ Air motor driven at 15,000 rpm
- ✓ Travels through a 50° bend in a 50mm pipe
- ✓ Travels successively through 90° bend/angle of 70mm pipe
- ✓ Extremely flexible and powerful
- ✓ Optional 9.5M available



Dancutter SuperFlex

Extremely flexible and user-friendly cutter that can work in small pipes.

KEY FEATURES DC SUPERFLEX:

- ✓ 5 - 150mm pipe diameters
- ✓ 25 or 50m air supply hose
- ✓ Full 360° rotation
- ✓ Air motor driven at 15,000 rpm
- ✓ Side-mounted spray nozzle for cleaning the camera lens while cutting
- ✓ Travels through two successive 45° bends in a 75mm pipe
- ✓ Travels through a 90° bend/angle of a relined 110mm pipe
- ✓ Built-in 12.1" colour monitor
- ✓ Extremely flexible with great performance



Dancutter Diamond Tools



Diamond Mushroom
70mm plate
DANDD70M8



Diamond Head
30 x 15mm
DANDD3015



Diamond Head
53 x 26mm
DANDD4623

Dancutter Cutter Heads & Discs



Cutting Discs
DANDD



Globe Milling Tool
DNDKA



Carbide Globe
Cutting Tool
DANDKA



Carbide Tapered
Cutting Head
DANDJ



Carbide
Cutting Head
DANDK

*visit our website to view full range and sizes.

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Bluelight LED CIPP System

Light years ahead! Work at light speed with the Bluelight LED lateral lining-system

The pinnacle of light-curing technology for lateral and small drain pipes. Designed to empower CIPP lining professionals, this advanced system eliminates time constraints found in other methods. The unique resin exclusively cures under the "blue" wavelength, granting installers a significantly extended window between liner wet-out and curing. Once in place, the automated curing system swiftly guides the LED light head through the liner, achieving rapid resin curing – up to five times quicker than alternatives. Say goodbye to hours of waiting; now, a 50' sewer line can be fully cured in just under 10 minutes.

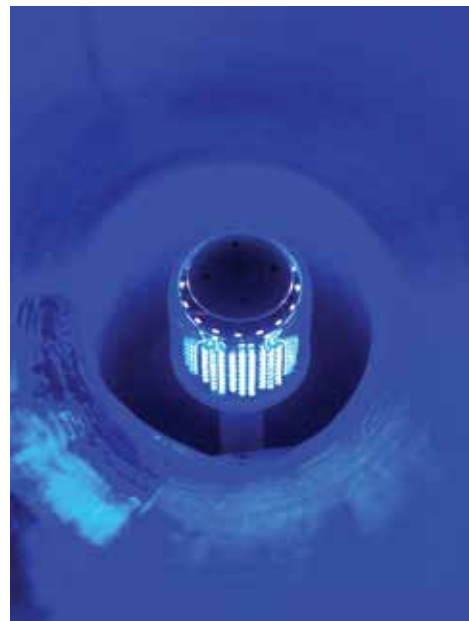
FEATURES INCLUDE:

- ✓ Rehabilitate pipes 3" to 10" in diameter 3 light head options
- ✓ Touch screen interface
- ✓ Interchangeable reels
- ✓ Screen mount can be rotated and repositioned for ideal viewing
- ✓ Lightweight frame design for easy portability
- ✓ Integrated camera for easy viewing of quality and installation progress
- ✓ Cure resin 5 times faster than other methods



ENVIRONMENTALLY SAFE

Controlled manufacturing process ensures quality and resins that are free from styrenes, odors or VOCs.



*picture used for illustration purposes only

PIPE REHABILITATION EQUIPMENT

TALK TO THE EXPERTS
1800 028 584

Sewer Robotics

ONE SYSTEM FOR MULTIPLE APPLICATIONS

A streamlined and economical system that swiftly eliminates root intrusions, trims protruding taps, restores lateral connections, applies spot repair systems, and clears stubborn grease, excess concrete, calcium, and scale deposits from pipes and service laterals ranging from 150mm to 1000mm below ground.



MULTI-FUNCTIONAL CRAWLER

Effortlessly swap between job-specific equipment modules in just 60 seconds to facilitate underground pipe inspection, cleaning, cutting, and rehabilitation tasks.

Available in various configurations from:

- ✔ 150 - 600
- ✔ 200 - 750
- ✔ 250 - 1000

Compatible Modules Available for Each Multi-Functional Crawler:



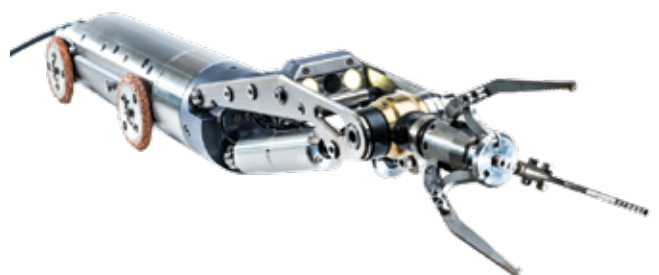
UHP Precision Water Jet Cutting



Lateral Reinstatement Cutter



HD CCTV Inspection



Solid Debris Removal Gripper

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SEWER ROBOTICS - MOBILE CONFIGURATION

This adaptable mobile economic system seamlessly integrates with a range of SEWER ROBOTICS CRAWLERS and dedicated modules, enabling tasks such as UHP water jet cutting, lateral reinstatement, and CCTV inspection within pipelines ranging from 150mm to 1000mm.



HH100 hybrid cable reel and CP3DP mobile control unit with HA195 cutter and WJ125 water jet



Mobile configuration inside aluminum shipping box with HA125 cutter



Skid with MH200 reels and HA125 cutter inside a compact trailer

CUSTOMISED VEHICLE BUILDS

Each vehicle fit-out is designed to suit your individual needs. Variables such as vehicle size, system configuration, load capacities, storage requirements, etc., having to be taken into consideration when planning the design. Contact us to find out about what vehicles we can fit-out and any other options available.

SEWER
ROBOTICS



Trelleborg Pipe Seals

Trelleborg are a leading supplier of pipe seals and repair solutions for concrete and plastic pipes, manholes and connectors used for potable water, sewerage and drainage. Below are some of the most common used trenchless solutions. Check out the full Epros range on our website.

Drain Systems

Certified pipe rehabilitation solutions from the drain to the treatment plant

FEATURES:

- ✓ No social disruption (roads, pedestrians)
- ✓ No nuisances for residents/neighbours from noise, smell or dirt
- ✓ No or just brief disruption of operations (industrial plants)
- ✓ Low level overall cost
- ✓ Potential to prevent full rehabilitation or full renewal, and thus to avoid essentially higher costs, by early renovation (preventative action)
- ✓ Compliance with current standards and regulations by certified methods
- ✓ High rehabilitation potential by sectional repair of part lengths or full renovation of longer pipe runs



Drain Packer

The Drain Packer method is suitable for the sectional repair of damaged buried gravity sewer pipes and pressurized pipelines.

FEATURES:

- ✓ Repairs damage in the pipe and joint region over a length of 0.5 metres to 5 metres even in case of string infiltration
- ✓ Enables installers to close lateral junctions
- ✓ Repairs pipes of nominal diameters from DN 50 to DN 1200 (DIBt approval for DN 100 to DN 800)
- ✓ Is also used for egg-shaped pipes of different sizes
- ✓ Can repair circular and egg-shaped pipes made of concrete, asbestos cement, plastics (PVC PP, HDPE), cast iron, ductile cast iron, reinforced concrete and vitrified clay.

PRODUCT RANGE INCLUDES:

1. Flex Packers
2. Lateral Packers
3. Short Packers
4. Long Packers



Resin Systems

Resin systems for full rehabilitation and sectional renovation of pipes and sewers.

Trelleborg Pipe Seals manufactures high-quality resin systems for the rehabilitation of sewers and wastewater pipes.



THREE BASIC RESIN TYPES ARE AVAILABLE:

- ✓ EpoxyResins for CIPP lining applications
- ✓ SilicateResins for lateral connection repairs and patches. Available in fast WOI. Winter and Summer

ResinSystems have gained worldwide acceptance and are very popular among installers due to their patented technology and their permanently high quality.

Our broad range of resins and hardeners offers you the optimal solution for any case of repair (e.g. extreme infiltration).



Trelleborg Drain Packer Patch Kit

A PERFECT START INTO "NO-DIG" BUSINESS

You always need high-quality equipment to obtain high-quality results. The equipment tailored to the needs of the Trelleborg ShortLiner system offers all that is necessary to achieve high-quality results.

The Trelleborg ShortLiner Patch Kit makes it easy on you. It is available in different configurations – ready to go – for single repairs in pipes ranging from 4" to 15" in diameter, and in repair lengths ranging from 2 ft to 5 ft.

Building Chemical Supplies (BCS Australia)

Building Chemical Supplies (BCS) provides asset remediation, repair and maintenance services with a specialist focus on concrete crack, waterproofing and spalling repairs. Projects are delivered across Australia with a strong emphasis on distribution, rail and civil services.

BCS imports all construction chemicals and specialist equipment from world-renown industry partners, MC Bauchemie GmbH and Desoi GmbH of Germany. These strong partnerships enable BCS to provide exceptional services and leverage world-wide expertise.

Injection Gun & Cartridges

MC-FASTPACK SYSTEM FEATURES:

- ✓ Ready-to-use system, no separate mixing of material, pre-set mixing ratio
- ✓ No material wastage through mixing up too much material, cleaning the pump etc
- ✓ No additional cleaning of pump and equipment, no thinners involved
- ✓ No additional; waste disposal of liquid waste or reacted materials
- ✓ Ensures always the optimal viscosity as mixing occurs just before injection
- ✓ Lower purchase cost compared to pumps
- ✓ No maintenance required
- ✓ One-man injection job, only minimum training required
- ✓ Easy to control injection jo only minimum training required
- ✓ Easy to control injected amount of material



MRT Manhole Rehab

CONTROL UNIT FOR BLASTING AND SPINNING UNIT

Operation during substrate preparation and coating is carried out from outside the manhole. This elevates the requirement to access into the shaft. Easy handling and rapid operation on site characterises the system.

BLASTING UNIT - AUTOMATED SURFACE PREPARATION

The MRT Blasting Unit is a fully automated and controllable water/granule blasting unit for preparation of manhole surfaces.

SPINNING UNIT - AUTOMATED COATING OF WALL SURFACES

The MRT Spinning Unit is a fully automated and controllable application head, used for rehabilitation and coating of manholes with Ombran MHP-SP. The time saving compared to hand application is up to 80%.



PN1025 Injection Pump

ADVANTAGES

Big material passages - highly viscous material can be used
All parts in contact with materials are made of stainless-steel
Tensioning of seals is not required

INCLUDED WITH THE PUMP

Tripod or Moving frame with wheels, 5 m HP material hose Ø 6 mm and HP ball valve with 6 litre material container with lid and instruction manual.

SINGLE COMPONENT RECIPROCATING PUMP PN-1025

Used for pre mixed, single component resins such as Epoxy and Polyurethane. The pneumatic reciprocating pump PN-1025 combines a high flow rate with compact design. The seal sets are directly mounted onto the piston which eliminates the need for manual tensioning and thus makes this pump very low maintenance. All internal parts in contact with the materials are made of stainless steel, preventing reactions with the resins



Adhesive Plugs & Sealers

Cement based surface sealing and cement based water plugs



PIPE REHABILITATION EQUIPMENT

TALK TO THE EXPERTS
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Quick-Lock

Positioned usually by a crawler and expanded pneumatically, Quick-Lock's rehab sleeve provides structural, trenchless pipe repair with heavy-gauge 316 stainless steel, plus infiltration abatement with an EPDM rubber gasket.

Quick-Lock

Quick-Lock is the solution for:

- ✓ Infiltration.
- ✓ Longitudinal cracks.
- ✓ Circumferential cracks.
- ✓ Holes.
- ✓ Separated joints.
- ✓ Offset joints.
- ✓ Abandoned laterals.
- ✓ Root intrusion.
- ✓ Quick-Lock sleeves in the smaller range are available in diameters ranging DN100-DN825, and in lengths of 400mm, and 500mm.
- ✓ DN825-DN1800 pipes are also catered for under confined space entry with the Quicklock Big seal.
- ✓ Multiple sleeves can be interleaved to perform longer repairs (JDL's) and for radial displacements (JDR's) choose the new Quick-Lock Flex seal.



Quick-Lock BIG

The Quick-Lock BIG sleeve is a product for permanently and tightly sealing leaking pipe joints, radial cracks, and longitudinal cracks in large pipes and manholes of DN 800 and larger.

- ✓ The sleeve is 20 cm wide.
- ✓ The sealed area (between the circumferential seals) is approximately 12 cm.

(The distance between the circumferential seals is approximately 14 cm. However, these are pulled together when the jacket is expanded so that the sealed area is 12 cm wide.)

The system is made from V4A stainless steel of grade 1.4404 (AISI 316L) and an EPDM compression seal.

- ✓ The materials used are permanently resistant in municipal wastewater systems.
- ✓ Their suitability must be ascertained for use in industrial or polluted wastewater.



*shown with install device

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Manhole Safety Grates

Available in Standard Circular or Folding Circular Grates

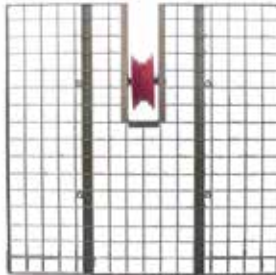
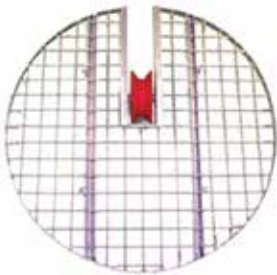
Benefits of Safety Grates:

- ✔ Provides easy access for services or equipment with a hinged service hole
- ✔ Eliminates falls from heights where work is conducted near or over sewer openings
- ✔ Allows work to be conducted harness-free both at and below ground level
- ✔ Is easily installed and removed while workers are in confined spaces
- ✔ Stops large objects falling into confined spaces
- ✔ Enables people to move freely while cables are in use due to its unique cut-out slot design
- ✔ Is self-ventilating allowing for natural airflow and / or smoke testing (square grates).



Manhole Grate with Roller

Offers protection over open Manholes while still allowing jetting, rodding or CCTV inspection to be carried out. Square Grates also available on request



Digital Manhole Measuring Device

The Digital Manhole Measuring Device 'DiaMeter' is a laser measuring device for pipe diameters. With it, diameters and inlets of manholes can be determined quickly and easily. The articulated joint allows the measuring head to measure the manhole rings in a vertical position and the pipe inlets in a horizontal position. The depth is determined by means of a laser range finder supplied.

This device can only be used in round pipes or manholes.

FEATURES:

- ✔ 3 infrared laser ToF distance sensors, 120° offset, measure the respective distance to the pipe wall
- ✔ Large, easy-to-read display
- ✔ The measured value output is in whole millimetres
- ✔ By means of an articulated joint, the measuring head can measure the manhole rings in a vertical position and the pipe inlets in a horizontal position.
- ✔ The measuring head also has a high-power LED for illumination to make it easier to recognise and measure the pipe inlets.
- ✔ The measuring device is battery-operated, the running time is approx. 6 hours with full light.
- ✔ Aluminium telescopic rod extendable up to 3.5 with Power-Grip locking technology for fast and safe telescoping
- ✔ Includes inbuilt switchable torch
- ✔ Only works with round pipes or manholes.

Safety

Yours and your customer's safety is important to us, so we carry large range of safety equipment such as high-pressure gloves, barriers and safety signs to keep you and the public safe.

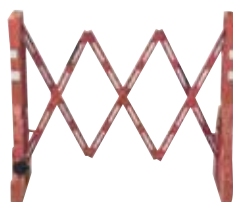
High Pressure Water Jetting PVC Sign



High Pressure Jetting Safety Gloves



Various Safety Barriers



Raptor 3000 Manhole Lifter



Jetting Safety Plate

Prevents hose from coming back up the drain.



Mighty Probe

Rated to 50,000 Volts.



TRAVERSE FOR THE SKORPION WS-016 LEVER

The traverse is a device that, when used with the Skorpion® WS-016 lever, is used to detach sewage grates, manholes with a central hole in the lid. The diameter of the lids of the grilles' manholes from ø30cm to ø100cm. The traverse is a device that allows you to vertically pull out hatches, lids and grilles, (up to 15 cm). The lever conveniently comes with 2 attachments with 4 ends.



SKORPION WS-016 LEVER

The Skorpion® WS-016 lever is a device with a unique design that combines three levers in one. This innovative solution makes it an extremely effective tool for loosening jammed manhole covers grates etc without the risk of damage.

The Skorpion® WS-016 lever is a unique and universal tool for loosening jammed manhole covers. Thanks to the patented, innovative design, the use of the Skorpion® WS-016 Lever does not require the use of force. The time needed to unseal a jammed well lid is just a few seconds!



SKORPION WS-10 HOOK

The Skorpion® WS-010 hook is a unique and universal design that is safer and more efficient. The unique shape and comfortable working position contribute to the elimination of occupational diseases and injuries of the skeletal system.

Working in tandem with two hooks is half the effort for operators. The work of the employee using the Skorpion® WS-010 hook is safe, as it forces the operator to be in a vertical position (the spine is in a vertical position).

Operator Tools

Various Operator Tools available – check out our website for full range of PUMA tools. We stock a large range of operator and manhole tools. Below are a few popular items the rest can be viewed on our website.



Mighty Probes



Manhole Lid Lifters



Manhole Lifters



Pike Pole Attachments



Steel Debris Grabbers



Fibreglass Poles Weight Standard Weight



Manhole Bursting Chisels



Handy Hook Manhole Cover Lifters



Pry Bars



Puma Grabber



Telescopic Fibreglass Poles



Handy-Clams One Piece Or Knockdown Models



Heavy Duty Plunger



Manhole Safety Chisel



Camlock Safety Bumps



Steel Reinforced Fibreglass Poles – Quick Connect



Catch Basin Spoon Assemblies



Foam Filled Poles For Extra Strength



Chisel Popper



The Hooker Pick Tool



Fibreglass Poles



Wood Handles Spoons



Insert Nozzle Guide



Pole Carriers

Manhole Tools For Fibreglass Poles



PUMA Sewer Spoon



Scoopas



Scoopa Screens



3 Pronged 90 degree rake



3 pronged debris grabber



Bitz Rake



Grabber Claw

*more options available

Various Camera Hooks For Fibreglass Poles



SECA ACADEMY!



CCTV Courses

Conduit Inspection and Reporting training provides students with the knowledge and skills expected of a qualified CCTV operator undertaking conduit inspections and reporting in Australia.

A student will be fully exposed to the Conduit Inspection Reporting Code of Australia WSA05, given an introduction to conduit inspection software, and shown how to perform a thorough CCTV conduit inspection.

*Please note that although students do use a CCTV crawler system during the practical, this course mainly focuses on conduit inspection reporting codes

CCTV Combined (Supervisor/Operator)

Units of Competency

- NWPNET037 - Inspect Sewer or Stormwater Assets (previously NPWNET016)
- NWPNET059 - Supervise and Report on Conduit Inspections (replaces NWPNET017)

Inspection)

Units of Competency

- NWPNET037 - Inspect Sewer or Stormwater Assets (previously NPWNET016)

CCTV Supervisor (Pipeline Inspections)

Units of Competency

- NWPNET059 - Supervise and Report on Conduit Inspections (replaces NWPNET017)

CCTV Operator (Pipeline



Water Jetting Courses

Drain Cleaning System

This course provides a drain cleaning operator with the necessary knowledge to supervise a drain cleaning operation and be responsible for a crew of drain cleaning workers. It covers a more in-depth knowledge of industrial drain cleaning operations, managing worksites, safe work practices and associated law, and emergency and rescue practices.

High Pressure Water Jetting

This course covers the water jetting equipment, how to operate the equipment safely, the dangers of HPWJ, safe work practices and associated law, work permits and emergency response practices. The end result producing an operator that requires supervision but more than capable of carrying out high pressure water jet work.

MSMSS0003 - Use High Pressure Water Jetting Equipment (HPWJ Assistant)

Units of Competency

- MSMWJ201 - Use high pressure water jetting equipment
- MSMWHS200 - Work safely
- MSMPER200 - Work in accordance with an issued permit
- MSMWHS110 - Follow emergency response procedures

MSMSS0004 - Operate a High Pressure Water Jetting System

Units of Competency

- MSMWJ301 - Operate a high pressure water jetting system
- MSMWHS200 - Work safely
- MSMPER200 - Work in accordance with an issued permit
- MSMWHS110 - Follow emergency response procedures
- MEM09002B - Interpret technical drawing

MSMSS0005 - Operate a Drain Cleaning System

Units of Competency

- MSMWJ302 - Operate a drain cleaning system
- MSMWHS200 - Work safely
- MSMPER200 - Work in accordance with an issued permit
- MSMWHS110 - Follow emergency response procedures
- MEM09002B - Interpret technical drawing

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course
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enrollment.



PRODUCT OVERVIEW

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