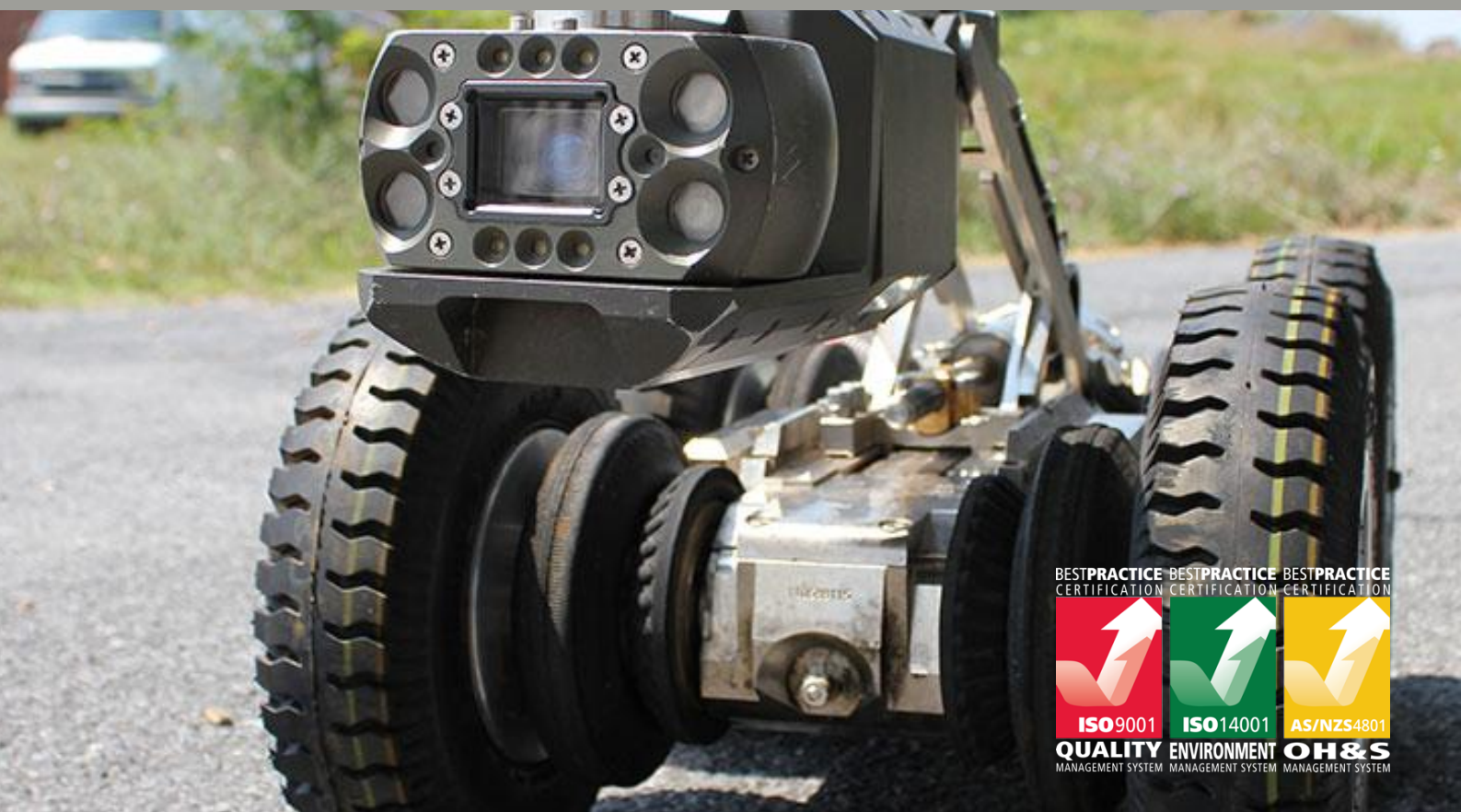




1800 23 CCTV | draintechaustralia.com.au | info@draintechaustralia.com.au

FLEET & EQUIPMENT TECHNOLOGY





CCTV TECHNOLOGY AND EQUIPMENT

CCTV INSPECTION UNIT & RAUSCH MOBILE PRO

- Equipped with an integrated touchscreen Panel PC
- Controlled by touch screen display and advanced multifunction joysticks
- 300m of cable length
- 2019/20/21/23 Renault Master Van
- Inclination and laser measurement/ profiling
- Wincan VX reporting software and technology
- WSAA certified/ qualified staff
- Electronic brake and self-camera retrieval
- 100% solar powered equipment with green power saving technology
- Back screen live video monitor viewing
- Lifting winch to eliminate any heavy lifting
- Full range of CCTV inspection 100mm – 3M+
- Pipe size verification laser measurement
- Internet ready access on all PC's



POWERED BY SOLAR ENERGY



CAMERA'S AND TRACTORS



Rausch L 135 & KS135 camera tractor

SPECIFICATIONS

- Pipe range 150mm > 3m+
- 300m of cable length
- Inclination fall and tilt sensors
- In built laser profiler measurement technology
- Pipe size verification
- Robotic 360° tractor mounted camera
- Centre of pipe 1800mm
- Skid steer technology
- Electronic lift
- Extra lift kit and wheel balance technology
- Extra lighting for large pipes
- Locating sonde for deflection, alignment and defect locating
- Steerable 4WD robotic tractor
- Remotely operated in vehicle unit

Rausch L 90 & KS60DB camera tractor

SPECIFICATIONS

- Pipe range 100mm > 600mm
- 300m of cable length
- Inclination fall and tilt sensors
- In built laser profiler measurement technology
- Robotic 360° tractor mounted camera
- Skid steer technology
- Tractor lift
- Wheel balance technology
- Light weight
- Extra lighting for large pipes
- Steerable 6WD robotic tractor
- Locating sonde for deflection, alignment and defect locating
- Remotely operated in vehicle unit



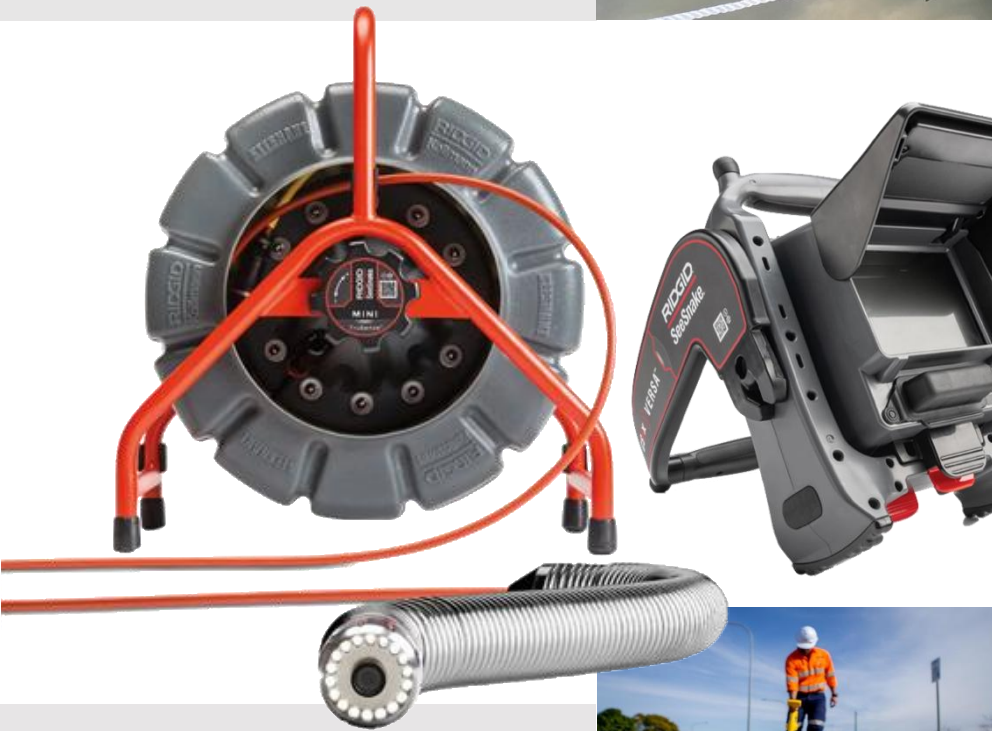


CCTV FLOAT | PUSH CAMERA | CCTV LOCATING

CCTV Rausch Camera Float

SPECIFICATIONS

- Pipe range 600mm > 3m+
- 300m of cable length
- Able to CCTV pipes that are permanently holding water/ tidal influenced
- Robotic 360° tractor mounted camera
- Electronic lift
- Extra lighting for large pipes
- Remotely operated in vehicle unit



Push Camera

SPECIFICATIONS

- Pipe range 50mm > 100mm
- 100m of cable length
- CCTV pipes that are in remote area
- Hard silicone cable for pushing around pipe bends
- Locating sonde
- Extra lighting for large pipes
- Remotely operated with live video screen
- Battery powered and operated

Camera Locating

SPECIFICATIONS

- Pipe range 50mm > 2m+
- 300m of cable reach
- CCTV pipes that are in remote area
- 3-5m deep
- Defect locating
- Pipe alignment locating
- Confirm buried assets exist & mark locations
- Metal detecting equipment



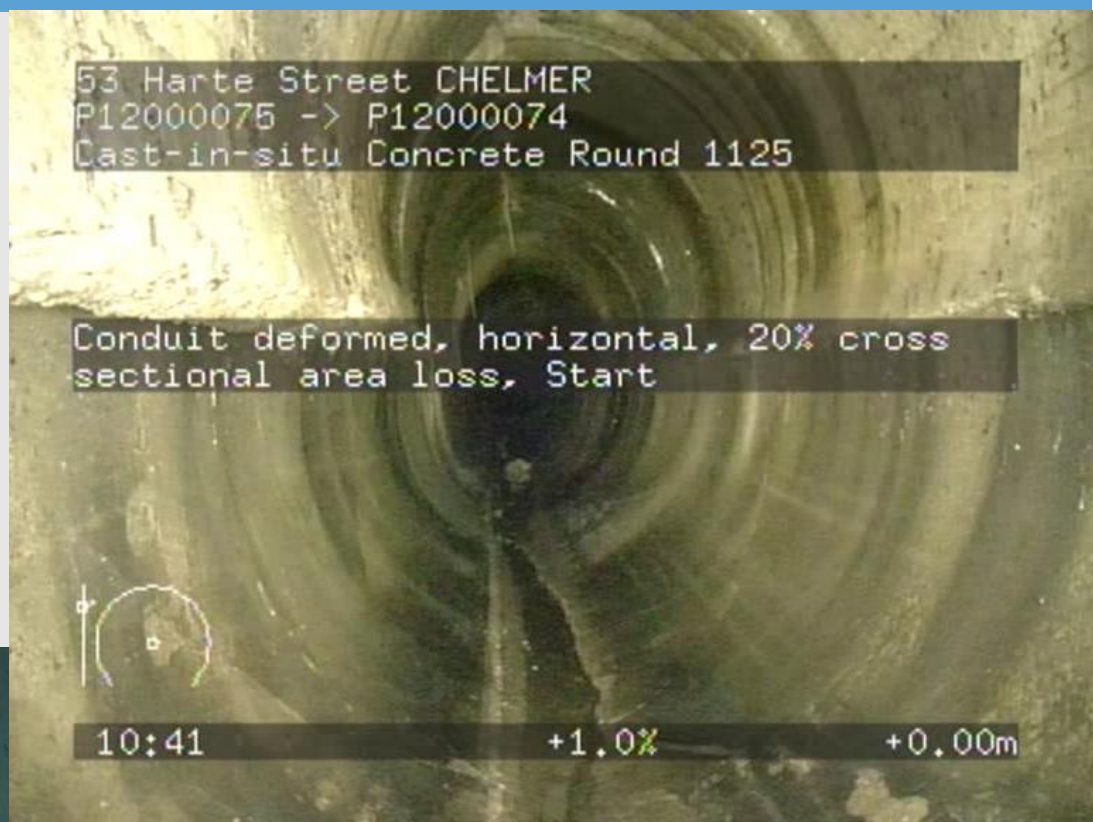


LASER PIPE PROFILING | PIPE SIZE VERIFICATION

Laser Pipe Profiling & Pipe Size Verification

SPECIFICATIONS

- Pipe range 150mm > 1800mm
- Creates 2 & 3D viewer
- Detailed interactive viewer software
- No confined space entries required
- Self-calibrating technology no manual interference or calibration
- Same day detailed reporting / results
- Pipe size verification or entire pipe length profile ovality measurements

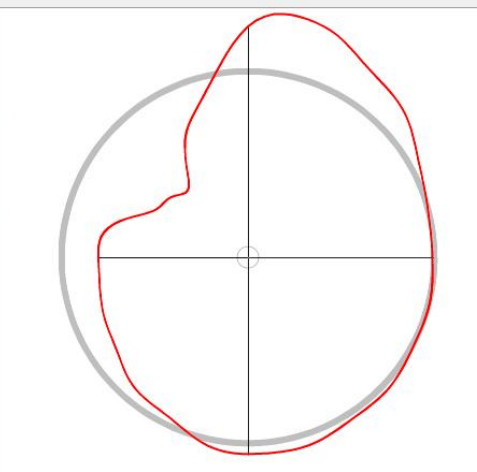
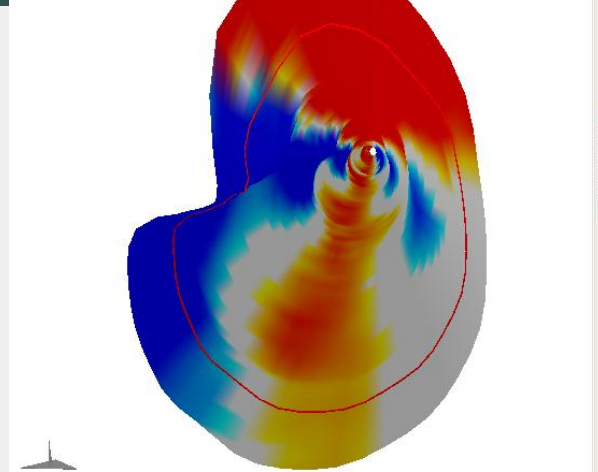
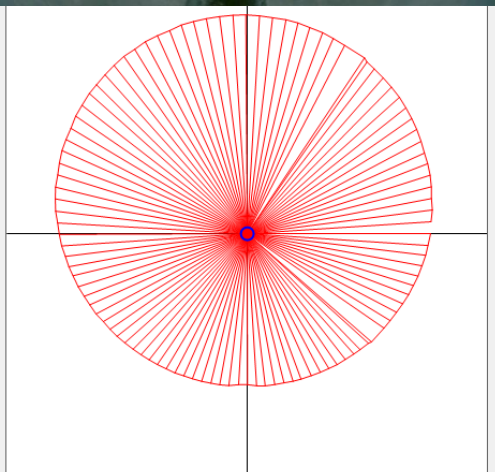


Compare CCTV footage to profiling results helps verify asset information & internal integrity



Material	Diameter	Inspection length	Sewer type	Path length
Concrete	1125	89.27m		1.80

Horizontal	-109mm
Vertical	156mm





ASSET MAPPING & DRAIN CLEANING



Online Asset Mapping GIS

SPECIFICATIONS

- Using our interactive mapping software, we can create detailed maps off council GIS information to verify location, direction and as per CCTV survey to a PDF & video for your reference spatially via Wincan VX integration
- This helps our customers determine location, comments, defects & program status in real time.
- Used in conjunction with council's identification arcGIS information or we can label this for you if unmapped as per clients specifications & attached to CCTV report

Drain Cleaning

SPECIFICATIONS

- UDOR 100 LPM @ 3000 PSI
- 3/4 inch x 150m, 4000 PSI Jetting hose
- Autec Industrial remote control
- Can be used in conjunction with CCTV05 to clean and CCTV all in one
- Able to access the most remote locations
- 1150 L water tank
- 180 Degree pivoting hose reel with multi point locking
- Drain sizes 100-800mm
- Various Jett nozzle for different application ranges, pipe materials, pressures/ flow and obstructions



SPECIFICATIONS

CCTV01 374XUV (CCTV unit 1):

- 2 x WSAA trained and accredited staff
- 2018 Renault master van
- 2018 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/ camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.



CCTV UNIT 2

SPECIFICATIONS

CCTV02 091YYN (CCTV unit 2):

- 2 x WSAA trained and accredited staff
- 2019 Renault master van
- 2020 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/ camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.





CCTV UNIT 3

SPECIFICATIONS

CCTV03 765CX3 (CCTV unit 3):

- 2 x WSAA trained and accredited staff
- 2021 Renault master van
- 2021 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/ camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.



CCTV UNIT 4

SPECIFICATIONS

CCTV04 120GB5 (CCTV unit 4):

- 2 x WSAA trained and accredited staff
- 2022 Renault master van
- 2023 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/ camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.

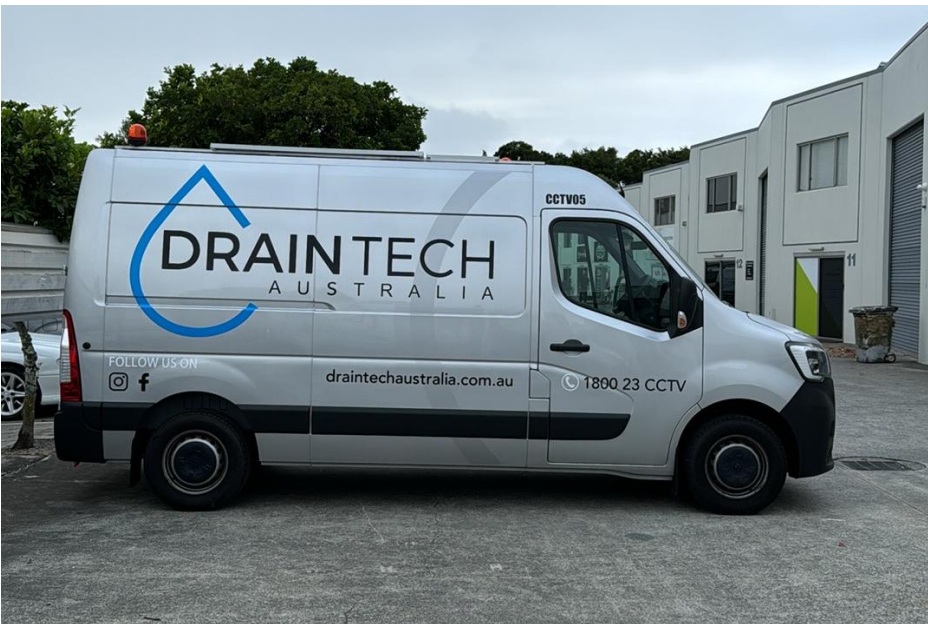


CCTV UNIT 5

SPECIFICATIONS

CCTV03 765CX3 (CCTV unit 5):

- 2 x WSAA trained and accredited staff
- 2024 Renault master van
- 2024 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.



CCTV UNIT 6

SPECIFICATIONS

CCTV06 558 MM5 (CCTV unit 6):

- 2 x WSAA trained and accredited staff
- 2025 Renault master van
- 2025 CCTV Rausch HD system inspection
- 4WD robotic HD cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 300m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/camera location.
- **100% powered by our innovative solar technology**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.





CCTV UNIT 7 (Portable unit)



SPECIFICATIONS

CCTV07 615JQ6 (CCTV unit 7):

- 2 x WSAA trained and accredited staff
- 4x4 2020 Ford Ranger – able to access even the most remote locations
- 2024 CCTV Rausch system inspection
- 4WD robotic cameras (pan and tilt) and tractors x2- Application range 100mm to 2100mm plus with all extra's
- 200m of cable
- Full laser profiling capabilities
- CCTV float inspection device
- Inbuilt sonde and detector for locating defects/ camera location.
- **100% powered battery powered and remote. Can access anywhere it can be wheeled to.**
- Full Wincan VX software license
- Windows 10 computer, full internet capabilities, using Map Info GIS software to read and utilise the Principal's GIS shapefiles and associated GIS datasets.
- Fully equipped and stocked with all necessary safety equipment, workman signs, flashing lights, PPE, traffic cone bars, traffic cones and hard copy safe working procedures.

CCTV08 (Manhole Inspections | Quickview CCTV | CSE | Push Camera CCTV)

SPECIFICATIONS

DCT01 801UQV (Drain Cleaning Trailer unit 1):

- HPWJ trained and accredited staff
- 2023 SEWERJETT Ranger Turbo R50T-100
- UDOR 100 LPM @ 3000 PSI
- Enivroline E-Jett Control system
- Safety beacon, lighting & tools
- 3/4 inch x 150m, 4000 PSI Jetting hose
- Autec Industrial remote control
- Can be used in conjunction with CCTV05 to clean and CCTV all in one
- Able to access the most remote locations
- 1150 L water tank
- 180 Degree pivoting hose reel with multi point locking
- Drain sizes 100-800mm
- Various Jett nozzle for different application ranges, pipe materials, pressures/ flow and obstructions





Drain Cleaning Trailer 1

SPECIFICATIONS

DCT01 801UQV (Drain Cleaning Trailer unit 1):

- HPWJ trained and accredited staff
- 2023 SEWERJETT Ranger Turbo R50T-100
- UDOT 100 LPM @ 3000 PSI
- Enviroline E-Jett Control system
- Safety beacon, lighting & tools
- 3/4 inch x 150m, 4000 PSI Jetting hose
- Autec Industrial remote control
- Can be used in conjunction with CCTV05 to clean and CCTV all in one
- Able to access the most remote locations
- 1150 L water tank
- 180 Degree pivoting hose reel with multi point locking
- Drain sizes 100-800mm
- Various Jett nozzle for different application ranges, pipe materials, pressures/ flow and obstructions



Drain Cleaning Trailer 2



SPECIFICATIONS

DCT01 801UQV (Drain Cleaning Trailer unit 2):

- HPWJ trained and accredited staff
- 2023 SEWERJETT Ranger Turbo R50T-100
- UDOT 100 LPM @ 3000 PSI
- Enviroline E-Jett Control system
- Safety beacon, lighting & tools
- 3/4 inch x 150m, 4000 PSI Jetting hose
- Autec Industrial remote control
- Can be used in conjunction with CCTV05 to clean and CCTV all in one
- Able to access the most remote locations
- 1150 L water tank
- 180 Degree pivoting hose reel with multi point locking
- Drain sizes 100-800mm
- Various Jett nozzle for different application ranges, pipe materials, pressures/ flow and obstructions



Drain Cleaning Trailer 3

SPECIFICATIONS

DCT01 354 UUO (Drain Cleaning Trailer unit 3):

- HPWJ trained and accredited staff
- 2022 SEWERJETT Ranger Turbo R50T-100
- UDOR 100 LPM @ 3000 PSI
- Enivroline E-Jett Control system
- Safety beacon, lighting & tools
- 3/4 inch x 150m, 4000 PSI Jetting hose
- Autec Industrial remote control
- Can be used in conjunction with CCTV05 to clean and CCTV all in one
- Able to access the most remote locations
- 1150 L water tank
- 180 Degree pivoting hose reel with multi point locking
- Drain sizes 100-800mm
- Various Jett nozzle for different application ranges, pipe materials, pressures/ flow and obstructions



Heavy Cleaning (Combo – Jet + Vacuum)



SPECIFICATIONS

- Cappellotto Combo drain cleaning unit
- Hydro Excavation Capability
- Vacuum Capability
- Remote Control Operation
- Stainless Steel Sludge Tank/Water Tank - 8,000L
- Sludge Tank Capacity - 4,300L
- Water Tank Capacity - Hibon Blower
- Vacuum Pump @ 2,822m³/hr –
- Hydro excavation pump @ 280bar –
- Overhead boom with 270 degree rotation