



AGILIOS™ HD PUSH ROD SYSTEM



1080p
FULL HD

◀ With VC500 HD

XR60 with PTP50
(pan & tilt) camera
head ▶

INSPECTIONS IN ALL SITUATIONS

The AGILIOS™ HD push rod system is designed to handle inspections in any situation with ease. Built for maximum stability on construction sites, its lightweight coiler ensures effortless maneuverability, while dual battery packs deliver up to 6 hours of continuous operation—no power source needed.

With crystal-clear Full-HD imaging, even the smallest defects in pipes are easy to spot. Plus, its adjustable controls and ergonomic design allow for comfortable, precise operation, no matter the challenge.

AGILIOS HD: Smarter, clearer, and built for every inspection.

The modular AGILIOS HD sets give you the freedom to choose whether you need a simple inspection system or a professional documentation solution. If you notice later on that you want to do more, the AGILIOS HD offers you easy upgrade options. With its exchangeable components - E-Box and reel - the AGILIOS HD is easy to service and thus offering less downtime.

- Versatile application – Designed for pipes ranging from DN50 to DN300, ensuring broad inspection capability.
- Crystal-clear Full-HD resolution – Easily detect even the smallest sewer damage with sharp, high-definition imaging.
- Ergonomic & user-friendly – A lightweight coiler with flexible positioning and a detachable control unit for effortless operation.
- Modular & future-proof – Easily upgrade from coiler to control unit, adapting to your evolving inspection needs.



AS DIVERSE AS YOUR DAILY CHALLENGES



Coiler 11mm
100m



Coiler 9mm
60m

VC500 HD



Camera heads

PTP50 HD
(pan & tilt)



AC40 HD
(self leveling)



Picture coming soon

VisionControl Case



Handle



Wheels

E-Box



Batteries



coming soon

ALSO SAFE IN THE EX-ZONE



Maximum safety is crucial for inspections in potentially explosive environments. With the AGILIOS HD EX optional version inspection system you can safely operate in areas with explosive atmospheres (ATEX zones 1 and 2). Thanks to the individually pressure-encapsulated system components, short set-up times and easy service are always guaranteed.

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AGILIOS™

ACCESSORIES

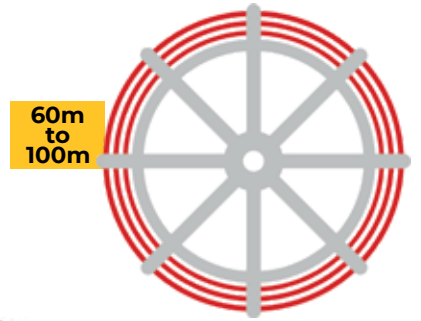


COILERS

Coilers offer a safer working environment by adjusting to the operators working environment.

ROD

Our push rods are flexible and extremely stable so you can focus on the job and provide an accurate report.



60m
to
100m



AC40 HD Camera Head

The application area starts at DN50 and already offers a pipe bend mobility of 90 degrees from DN75. Available as EX or non-EX version.

PTP50 (pan & tilt) HD Camera Head

Range of application from DN60 to DN300, high bend capability from DN75 with integrated laser and location transmitter.



Handle

For Agilios XR60

Wheels

For Agilios XR60



Power Battery Pack

Two (2) Li-Ion battery pack for AGILIOS XR60 / XR100. Battery voltage: 14.4V



VC500 HD Control Unit

Do simple projects or advanced WSA WinCan reports. Same functionality as a mainline Rovion System.

Same control unit as Rovion System



SKIDS & ROLLER SKIDS

Roller skids for centering the camera heads up to DN300.

VC500 HD ALL MEASUREMENT TOOLS AT A CLICK

Document the whole inspection process via touchscreen, comment on videos and create standard compliant reports at the push of a button.

- ✓ Suitable for daylight and construction sites
- ✓ Easy data exchange:
 - USB
 - XML File (WinCan, Project)
 - WIFI (WinCan Web)
- ✓ Upgradable software for WSA compliant inspections
- ✓ Same control unit as Rovion System
- ✓ Touch operation, more ergonomic thanks to the 2m coiled cable



PTP50 HD PAN AND TILT CAMERA FROM DN60

- ✓ Wide field of vision, 100° Angle High
- ✓ pipe bend mobility, 2 x 90° for DN75
- ✓ Rugged Design stainless steel front for more protection
- ✓ Integrated laser for crack and diameter measurement
- ✓ Integrated location transmitter (33 kHz, 512 Hz and 640 Hz)
- ✓ Panning range from -90° to +122°



AC40 HD SELF LEVELING CAMERA

- ✓ Hi resolution colour camera
- ✓ Self leveling
- ✓ 100° field of view
- ✓ Multi frequency sonde 33 kHz, 512 Hz, 640 Hz



SPECIFICATIONS

AC40 HD Camera Head



Nominal pipe width	DN50 - DN225
Bend Radilis	from DN75/90°
Pressure tightness	up to max. 1 bar
Illumination	LED
Focus	4 cm up to ∞ (fix)
Resolution (horizontal)	Full-HD resolution
Light sensitivity	0.4 Lux
Upright picture	Yes (self leveling)
Location	512 Hz/640 Hz/33 kHz (can be activated, switchable)
Internal pressure sensor	Yes
Protection class	IP68 up to 10 m of water depth

PTP50 HD Camera Head



Nominal pipe width	DN60 - DN300
Bend Radilis	Starting at DN 90/90°
Pressure tightness	up to max. 1 bar
Viewing range	-55° to +152°
Panning range	-90° to +122°
Rotation range	Endless
Illumination	LED
Angle of view	80° (horizontal)
Focus	1 mm to endless (adjustable)
Resolution (horizontal)	Full-HD resolution
Light sensitivity	0.4 Lux
Location	512 Hz/640 Hz/33 kHz (can be activated, switchable)
Laser Pointer	Yes
Internal pressure sensor	Yes
Protection class	IP68 up to 10 m of water depth

VC500 HD Control Unit



Display type	TFT (2-fingers multi-touch)
Display size (diagonal)	10.1"/257 mm
Display resolution	Full-HD resolution
Display brightness	1280 cd/m²
Viewing angle (hor./vert.)	150°/150°
Interfaces	2 x USB 2.0 (type A) 1 x Ethernet (RJ45) 1 x HDMI 1 x analog Video Out (BNC) 1 x WIFI
Internal memory	32 GB
Video format/picture format	MPEG4/H.264/JPEG or PNG (selectable)
Protection class	IP55
Weight	Approx 1.8 kg (without spiral cable)
Wincan Inspections	Optional WSA/NZPIM2006
Inspection Catalogue Embedded	Optional



XR60

Application area	DN50 - DN300
Push rod length	60m
Push rod diameter	9 mm
Material (frame/basket)	Aluminium (powder coated)
Dimensions* (WxHxD)	580 x 706 x 323 mm
Weight*	17kg
Meter counter	Yes
Reel brake	Yes, adjustable
Voltage	110 - 230 VAC and 12 - 24 VDC
Exchangeable battery	2 pieces (with system)
Battery type	Li-ion
Battery life**	approx. 6h (3h/battery)
Battery capacity	6900 mAh/battery
Protection class	IP 55

XR100

Application area	DN50 - DN300
Push rod length	100m
Push rod diameter	11 mm
Material (frame/basket)	Aluminium (powder coated)
Dimensions* (WxHxD)	645 x 856 x 474 mm
Weight*	27kg
Meter counter	Yes
Reel brake	Yes, adjustable
Voltage	110 - 230 VAC and 12 - 24 VDC
Exchangeable battery	2 pieces (with system)
Battery type	Li-ion
Battery life**	approx. 6h (3h/battery)
Battery capacity	6900 mAh/battery
Protection class	IP 55

* incl. push rod, without camera, batteries, control panel and trolley.

** battery life depending on the used control panel, camera and environmental condition.



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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.

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

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