



RapidView

IBAK

North America

ACCESSORIES

ACCESSORIES

The Right Tools For The Job.

Your inspection system will be delivered to you with everything you need to get started. Out of the box, we provide the most effective inspection and rehabilitation systems in the industry. However, our customers are often the people who expect more from themselves and their equipment. They tackle the impossible jobs and when they do, we have a large selection of accessories available to help them succeed. This book contains many of the accessories that we offer to expand your equipment's capabilities, increase your safety, and make you more productive. Please take the time to explore the options and contact your RapidView Representative or dealer for more information!



Additional Lighting



ZSW75 V6023001

The large light ring contains 252 adjustable, white LEDs. This light ring projects a clean, white light, to the sides as well as forward. This illuminates the pipe wall without needing to articulate. The LEDs are configured in parallel, so that if one fails it will not affect the others. The ZSW75 works with JUNO, ORION and ORPHEUS cameras on the T76 /T86 tractors or ARGO raft.

ZSW75 on T76 with CB, Elevator and Pneumatic Wheels



ZSW65 V6021001

A more compact version of the ZSW75, the ZSW65 contains 180 bright white LEDs. Perfect for JUNO and ORION cameras when used on a T66.

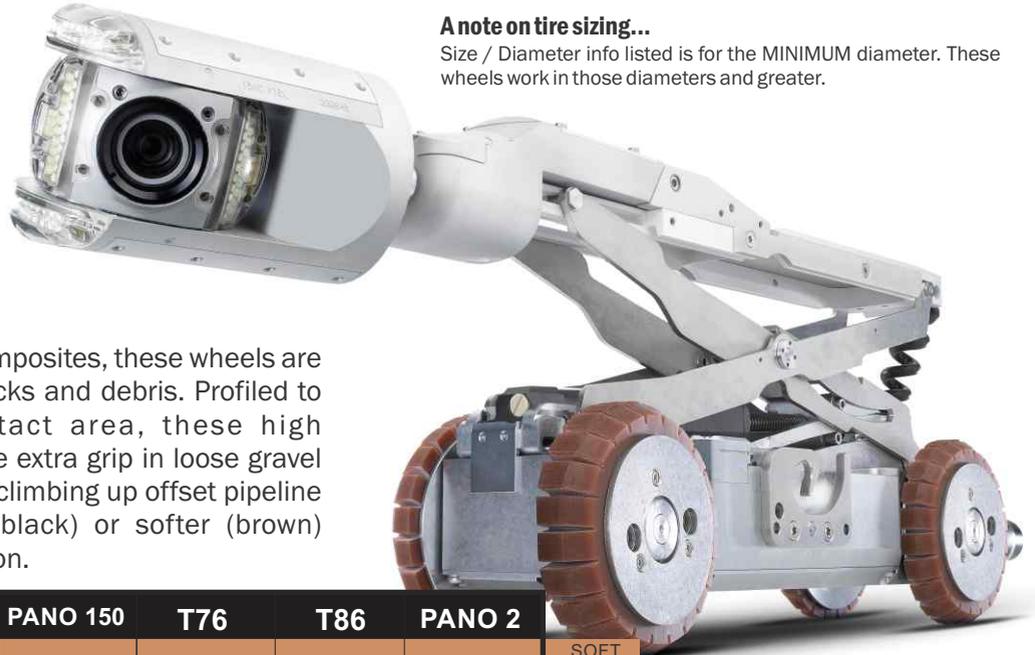
ZSW65 on a T66 with an accessory Weight Kit and CC5



Traction

A note on tire sizing...

Size / Diameter info listed is for the MINIMUM diameter. These wheels work in those diameters and greater.



Treaded Tires

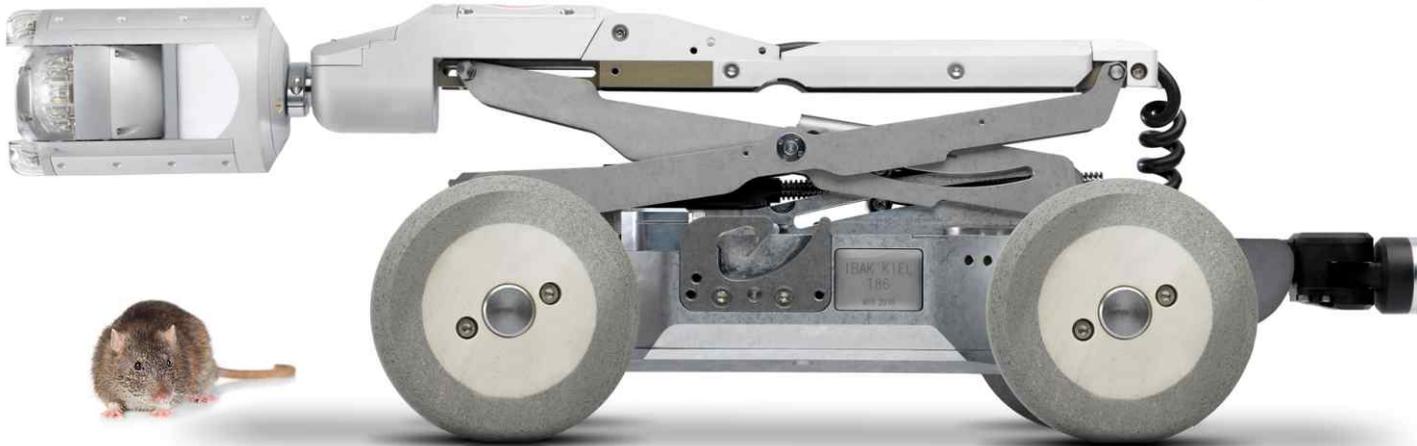
Available in two different composites, these wheels are perfect for climbing over rocks and debris. Profiled to maximize pipeline contact area, these high performance wheels provide extra grip in loose gravel and give you an edge when climbing up offset pipeline joints. Available in hard (black) or softer (brown) composites for any application.

Min. Diameter	T66	PANO 150	T76	T86	PANO 2	
5" / 125mm diameter	905212391					SOFT
	905210091					HARD
6" / 150mm diameter	905212491	905212391				SOFT
	905210191	905210091				HARD
8" / 200mm diameter	905212591	905212491	900410491	900410491	900410491	SOFT
	905210991	905210191	900410391	900410391	900410391	HARD
10" / 250mm diameter		905212591				SOFT
		905210991				HARD



Rubber Tires

Our standard rubber tires perform remarkably well in most applications. The soft rubber tires conform to the inside of the pipeline, maintaining a large area of contact that provides constant traction in normal conditions. Consult your manual for more information on these standard tires. These tires are inexpensive and easy to replace.



Granulated Rubber Tires

Formulated specifically for PVC pipelines these wheels work well in all slippery pipes. Designed to avoid damaging the pipe wall, they utilize a granulated rubber composite which improves traction without cutting into the pipe surface. Over time they will wear, and become even more effective. If you are a contractor or city who inspects new PVC or pipe with FOG (Fats, Oils & Grease) then you need a set of our granulated rubber wheels.



Min. Diameter	T66	PANO 150	T76	T86	PANO 2
5" / 125mm diameter	905210291				
6" / 150mm diameter	905210591	905210291	900401691	900401691	900401691
8" / 200mm diameter	900401491*	905210591	900401491	900401491	900401491
10" / 250mm diameter			900401591	900401591	900401591

* Requires 902202191 Wheelset adapters

Weight Kits

Adding Weight to your tractor can dramatically increase traction and pulling distance. This is easily one of the most cost-effective and reliable ways to increase your capabilities. **Multiple weights available for all tractor systems!**



Weight Kit	T66	PANO 150	T76	T86	PANO 2
Heavy/Light Combo Kit	905211031	905501631			
Standard Weight Kit			903911531		
Heavy Weight Kit			903911031	904115031	Included



Traction = Wheels & Weight



Pneumatic Tires

These air-filled tires are great all-purpose tires for use in larger diameter pipes. Use them to climb over obstacles and power through silt and debris. Pneumatic tires are available in multiple sizes for the larger tractors. If you inspect large diameter pipelines, you cannot afford to overlook these wheels.

Min. Diameter	T66	PANO 150	T76	T86	PANO 2
10"/250mm diameter	902211090	902211090	900406690	900406690	900406690
12"/300mm diameter			904110390	904110390	Included
14"/350mm diameter			904100890	904100890	904100890





Tungsten Carbide High Traction Tires

With imbedded tungsten carbide shards that are almost as hard as diamonds, these heavy, specialized wheels provide incredible traction in nearly any pipe. These wheels power their way through debris, finding traction through grease or scramble over rocks and offset joints. Just be careful that you don't damage the pipe in the process!

Min. Diameter	T66	PANO 150	T76	T86	PANO 2
4" / 100mm diameter	905215791				
5" / 125mm diameter	905216291	905215791			
6" / 150mm diameter	905215991	905215991	904401491		
8" / 200mm diameter			900406691	900406691	900406691



Auxiliary Cameras and Sensors



V4011001

RETRUS Reverse Camera

Most of our systems are synchronized to make sure that you do not back over your cable while retrieving, but occasionally it is helpful to have a rear-facing view when returning to the manhole. The RETRUS automatically changes your view when the system is reversed allowing you to avoid dangers on the return trip.



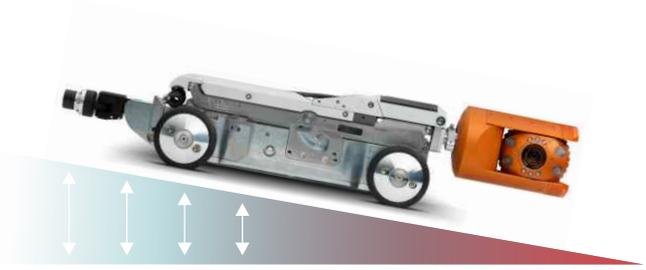
CERBERUS Manned-Entry Camera V4007001

Manned-entry inspections are challenging, but occasionally necessary. The CERBERUS camera allows you to conduct these inspections quickly and safely using your existing drum, cable and controller. The CERBERUS features laser measurement, zoom and two ultra-bright LED lights. The camera cable serves as an added tether to increase safety, and bi-directional microphones keep everyone in communication. *The CERBERUS will require an extension kit. Which kit you need will depend upon your specific system configuration. Please contact your RapidView representative to help choose the correct kit.*



Temperature Sensor 904113531

This unique sensor attaches to the rear of the tractor and allows the user to measure the temperature at the sensor remotely. The sensor can be used to discover the presence of inflow since groundwater is cooler than the effluent in the pipeline.



T66	PANO 150	T76/T86	PANO 2
V0000228	V0000228	V0000228	905131041

Inclinometer Option

All tractors have the option to include an inclination sensor which allows you to measure the tilt of the system as it travels through the line. The inclination reads out on-screen, and can be output to 3rd party data logging softwares.



Lateral Launch Accessories



Our lateral launch system is the most modular and capable system on the market. Large Diameter kits allow you to expand your system even further in order to launch from mainlines up to 48"/1200mm in diameter. The kits come in two sizes.

Large Diameter Kit V9053004

Includes an additional color placement camera and lighting, weight and height adjusting plates and additional launching funnels. Increases diameter capability from 12"/300mm to 24"/600mm.

X-Large Diameter Kit V9053005

Includes additional placement funnels, weight and height adjustment plates and accessories. This kit increases diameter capability from 24"/600mm to 48"/1200mm.

LISY Storage "Holster" 905302331

When you remove your LISY attachment from your T76 or T86 you need a place to keep it safe. The LISY Storage Holster is a convenient bracket to hold the LISY drive when not in use.



PHOBOS 4 nozzle on magic pushrod



LISY Lateral Cleaning Attachment V9053014

This attachment allows you to turn your LISY lateral launch system into a lateral cleaning unit. The PHOBOS nozzle propels the pushrod up into the lateral from the LISY unit, cleaning while it goes. The nozzle not only cleans, but increases the distance possible by providing more thrust. The Lateral Cleaning Attachment is quick and easy to install, and can be used in conjunction with the large diameter kits to clean laterals in larger pipelines. If you are a contractor you can use this accessory to add a unique service to your offering. And, if you are a municipality who is responsible for the laterals in your community, why not clean them as you inspect?



LISY with the Cleaning Accessory Package and a Large Diameter Attachment



Camera Deployment



ARGO Camera Float V9056001

If you work in large partially-filled sanitary lines, the ARGO Camera Float is the perfect accessory for you. Designed specifically for your RapidView IBAK system and formed out of high-strength ABS plastic, the ARGO keeps you above water and protects the camera system. There are two camera mounts to choose from. You can use a mounting bracket which accepts a standard KKD Adapter (see next page) or a larger mount which accepts the standard Camera Base Mount from a T76/T86, allowing you to use a light ring. *Cameras and connectors not included.*

Camera Adapter V9056003

Accepts the Camera Adapter. Will not accept a light ring.

CB Mount V9056002

Accepts the standard Camera Base Mount from a T76/T86, allowing you to use a light ring.

Camera Protection Cage (Recommended) 905600601



Manhole Adapter 803250020

This adapter allows you to connect a JUNO, ORION, ORPHEUS, and ARGUS camera. Simply install the camera, connect your mainline cable and you have a tool which can be used to inspect underground structures, tanks or any confined space. Two powerful LED lights provide amazing illumination allowing you to see into dark corners.

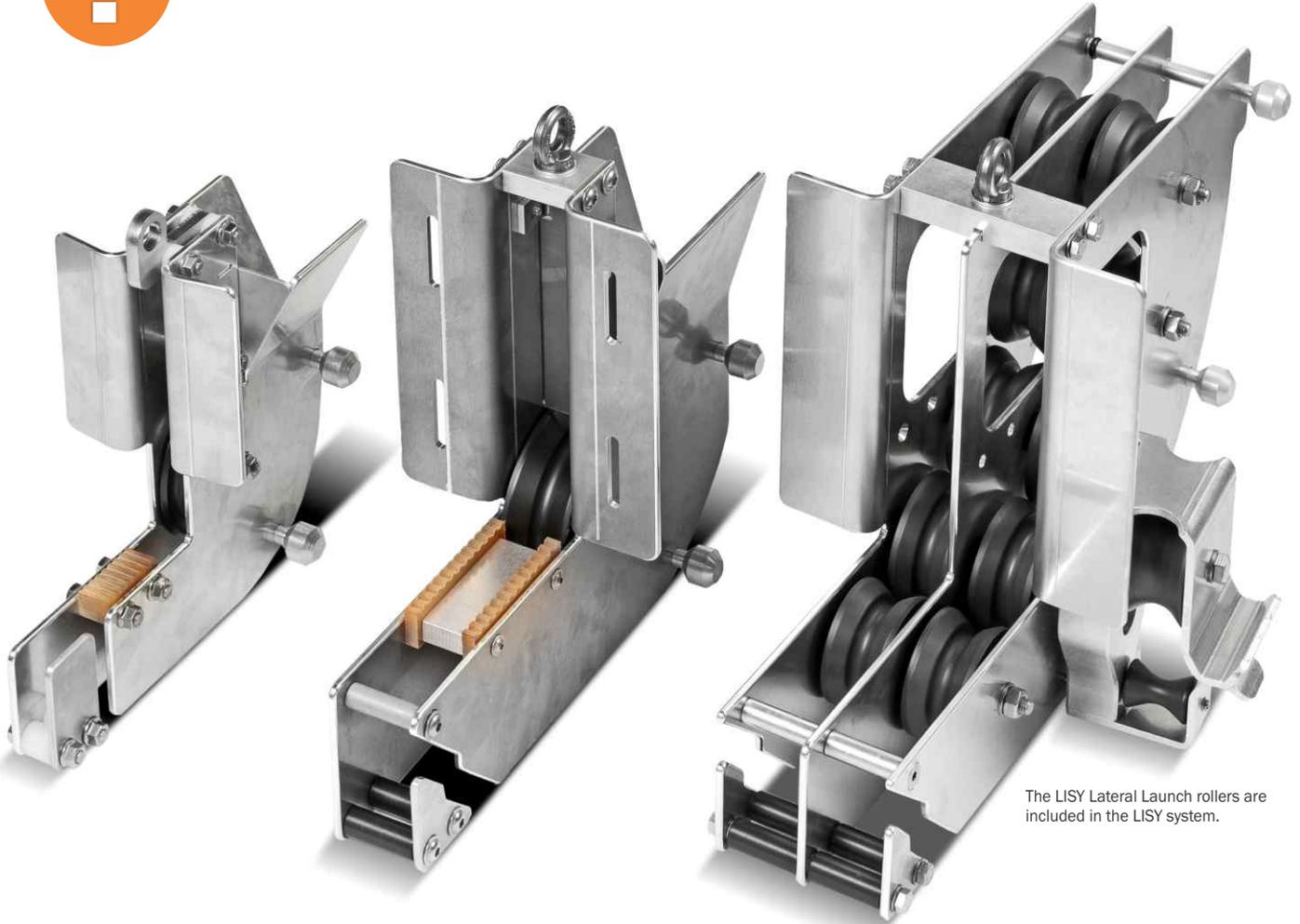


Camera Adapter 802300430

The Camera Adapter allows you to connect any camera directly to the mainline cable. This can be used to conduct down-hole inspections of confined spaces, shafts, underground structures, tanks, etc. A versatile tool, and a must-have accessory for anyone doing work in industrial spaces.



Cable Protection and Safety



The LISY Lateral Launch rollers are included in the LISY system.

Downhole Rollers

Operators who protect their equipment with the use of Downhole Rollers will see an increase in production and an overall reduction of repairs and maintenance costs. Rollers protect the cable from cuts, reduce friction, wick water off the cable and increase the distance your system can travel down the pipeline. You wouldn't buy a high performance car and then put cheap tires on it, would you? Of course not! Protect your investment with a set of downhole rollers.

KUV 5.5 902313020

The smaller size is useful in smaller diameters of mainline (4"/100mm - 6"/150mm), or when you have limited access.

KUV 2.7 904350020

This roller features heavier construction, a larger pulley and a longer grip strip, making it perfect for 8"/200mm and larger pipelines.



Upper Deflection Pulley

802617031

If you occasionally have to set up off the road or any distance from the inspection vehicle, you simply must have an Upper Deflection Pulley. This pulley converts the lateral force exerted onto the cable, turning into vertical force which allows your synchronized KW305 or KW505 to operate effectively. This simple attachment protects the cable, reduces the strain on the entire system and helps you travel greater distances in the pipeline!

KUV3 Manhole Top Roller

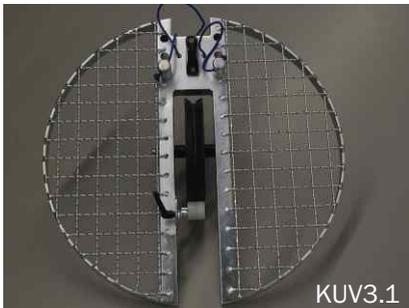
900300130

The KUV3 inserts into the top of the manhole and provides a roller down into the manhole. Perfect for setups away from the mainline system.

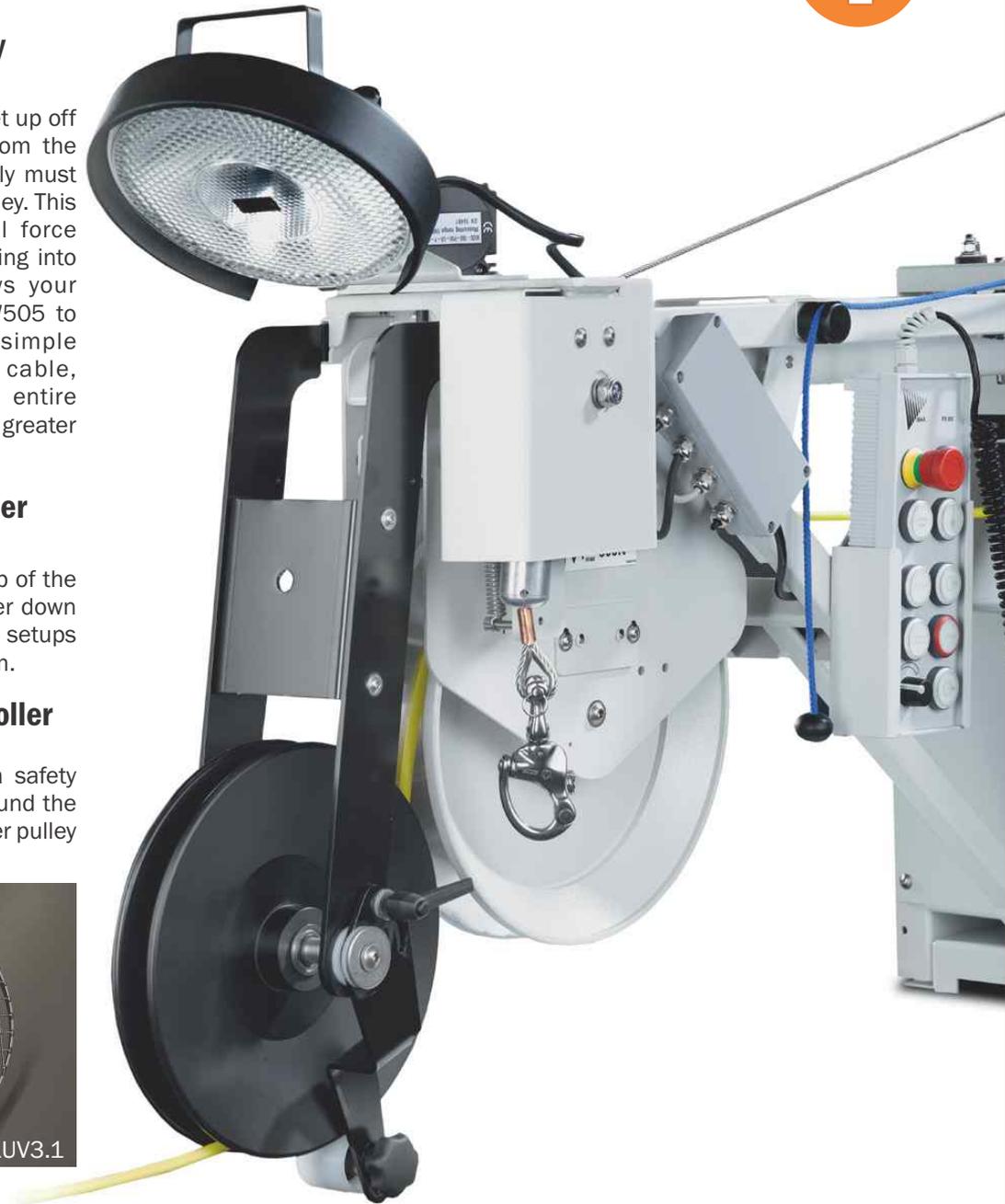
KUV3.1 Manhole Top Roller

900300030

The KUV3.1 also includes a safety screen to improve safety around the open manhole and a tensioner pulley to keep the cable safe.



KUV3.1





Cable Protection and Safety

SI Positioning Device 802970021

This unique accessory can be used to move the cable into a position closer to the center of the manhole opening. This makes it invaluable when used with the PANORAMO SI system. Avoid repositioning the inspection vehicle and save time with this accessory.



Winch Foot Control 800500841

Protect your equipment from damage by making sure you have both hands available when lowering the inspection system into the manhole. This durable foot control plugs directly into KW305 and KW505 winches.

Height Attachments



Height Attachment - T76/T86

This large attachment adds considerable height and weight to the system. This makes sure you are up out of the water while maintaining a low center of gravity. The large attachment includes additional weight which hangs below the carriage. The large attachment is the same for both the T76 and T86 tractors, but require different mounting brackets.

	T76	T86
Large Height Attachment	902405121	902405121
Required Mounting Bracket	902406090	902408090
Overturn Protection Outriggers	903915531	904111031

Height Attachment - T66

V9052005

The T66 attachment increases the unit's height and weight, turning the incredibly small, yet powerful T66 tractor into a system capable of inspecting 12"/300mm pipelines and larger. Pneumatic Wheels sold separately.





Camera Protection



Overturn Protection Outriggers

If you work in oval pipe - this accessory is a must! The outriggers help keep the tractor in the center of the pipeline and prevent tip overs which can damage equipment. These systems are available for T76, T86 and PANORAMO® 2 Systems. They also work when used with the LISY Lateral Launch attachment.

T66	T76	T86	PANO2
905255021	903915531	904111031	905135031

HYDRUS Skid 49806942

This useful little skid centers, protects and supports the HYDRUS cameras in 4"/100mm pipes.





V0494020

Rolling Skid for JUNO + ORION

The Rolling Skid for JUNO and ORION cameras centers and protects the camera during push operations. The roller system reduces friction and increases push distance in 6"/150mm pipes.





T66 Camera Connections



CC1 for T66 905200831

The CC1 provides horizontal flexibility and vertical rotation. This flexible connection allows easier insertion into tight access points.



CC2 for T66 905200931

The CC2 is the choice for most T66 tractors. This sturdy connection will accept JUNO, ORION, ORPHEUS, and even ARGUS cameras.



CC3 for T66 905201031

The CC3 is designed to accept the camera and a ZSW65 light ring.



CC5 for T66 905202521

The CC5 was designed for larger pipe diameters. A manual lift allows you to raise the camera. It includes a connection port for ZSW65 light rings.



Our T66 tractor is the most versatile, small tractor in the industry. With the ability to inspect very small pipelines up to and over 24" lines means that your T66 is often the only mainline tractor you need to purchase.

The various CC (Camera Connection) options allow you to add lighting, provide more flexibility or raise the camera into the center of the pipeline. These connections are easily exchanged in a matter of minutes.



The Choice is Yours.

We will not tell you what to buy, but we will arm you with the information you need to make your own choice.

When you work with RapidView and our knowledgeable dealer network, you will be treated with respect. No one knows the challenges your team faces as well as you do. It is our job to arm you with the best information possible and let you make your own choices regarding pipeline inspection equipment. From the latest, cutting-edge technologies to a simple accessory that can save your crews time each day, we will make sure that you have the information you need and can make the smart choice. If you have any questions regarding RapidView IBAK pipeline inspection equipment or accessories please contact your representative. We are ready to assist you.



RapidView IBAK North America

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