

## MICROGATOR® 2.0

This powerful, single-point electric reinstatement cutter is equipped with many incredible features. The durable chassis deploys a high-powered cutting motor that is capable of getting through materials found in the sewer, with no disturbances from noisy compressors. The MicroGator® 2.0 also features the option for 4th Axis Articulation, allowing forward cuts with ultimate control. The IBAK CutterCam® is located directly behind the cutting motor, always ensuring a clear view of the work area. Depending on the conditions of your job site, there are many optional accessories available such as cutting motors, cutting shaft extensions, wheel sets, and more.

MicroGator 2.0  
Setup Guide



### 1 FRONT-VIEWING CAMERA

The BG 1 Motor allows users to install a front-viewing camera for better forward awareness while traveling down the pipeline.

### 2 MOTOR OPTIONS

Additional motor sizes are available, and designed for specific applications and job conditions.

### 3 CUTTING HEADS

MicroGator® systems come with three standard cutting bits, and additional bits are available for purchase from recommended third-party vendors or local hardware.

### 4 FOURTH AXIS ARMS

These optional arms can be attached to easily tilt your cutter head forward for ultimate control while removing intruding roots, reinstating laterals, etc.

### 5 IBAK CUTTERCAM®

The IBAK CutterCam® is located directly behind the cutting motor, always ensuring a clear view of the work area, and keeps the lens clean with our unique air-curtain technology.

### 6 ROTATING ELBOW

MicroGator® Systems allow for 400° rotations, so even the most complex geometry can be removed in a single cut.

### 7 HIGH STABILITY

With a small, compressed airbag, the stability arm can be raised/lowered as needed to achieve stability in the pipe.

### 8 WHEEL SETS

MicroGator® Systems use the same wheel sets as the popular T76 Camera Tractor for additional modularity.

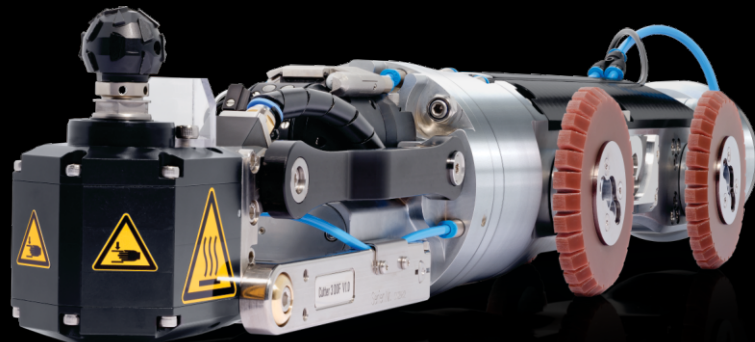


# MICROGATOR® 150

Don't let its size fool you - IBAK's compact cutter is small enough to fit in tight lines, but delivers the power that our MicroGator® product line is known for. The MicroGator® 150 was designed with versatility in mind, providing optional modular attachments to tackle any rehabilitation job. Simply attach your front-end attachment kits to transform your cutter system into a UHP jetter, top hat packer, etc. Interchangeable wheel sets are included and allow the carrier to squeeze into 6" pipes and up.



## INTERCHANGEABLE TOOL HEADS



MicroGator® 150



3-Axis Carrier Head



3-Axis Cutter Head



4-Axis Cutter Head

Dimensions	MicroGator 150	MicroGator Air	MicroGator 2.0	MicroGator GT
Range of Application	6" (150mm) and up	8" (200mm) and up	8" (200mm) and up	System Dependent
Cable Length	500' (150m)	Up to 1000' (300m)	500' (150m)	System Dependent
Cutting Motor Power Source	Electric	Pneumatic	Electric	System Dependent
Pressure Monitoring	●	●	●	●
Continuously Variable Speed	●	●	●	●
Observation Camera	●	●	●	●
Front Camera			●	
Reverse Camera	●	●	●	●
Camera Lens Cleaning	●	●	●	●
Inspection	●	●	●	
UHP Water Jet Cutting	●			●
Set Top Hats	●	●	●	
Set Sleeves	●	●	●	

## MICROGATOR® AIR

IBAK developed this affordable solution that is ideal for service providers seeking the benefits of having both a compact sewer cutting system, as well as a complete inspection system. Look no further than the MicroGator® Air, a pneumatic pipe rehabilitation tool designed with compatibility and convenience in mind.

The MicroGator® Air is modular by design, and is compatible with the components of our MainLite Systems and our SD inspection systems. All that is needed is an air hose and a compressor to complete your cutting system. Sharing many of the same features that make our MicroGator® 2.0 so great, this cutter system is worth a look if you're in the market to add rehabilitation services to your workflow.

### BS 7 - 10X

MicroGator® Air works seamlessly with the BS 7 - 10X controller.



BS 7 - 10X  
Controller



MicroGator® Air

ST 100  
Air Hose Reel



KW 207  
w/ Portable Cart

### AIR COMPRESSOR *(not pictured)*

An industrial air compressor is required to operate the MicroGator® Air.  
**(70 ft<sup>3</sup> / 2m<sup>3</sup> at 7.0 BAR minimum)**

### ST 100 AIR HOSE REEL

The ST 100 Air Hose Reel was designed to be 100% compatible with the MicroGator® Air. An air hose reel is required for operation.  
**(Air Compressor required)**

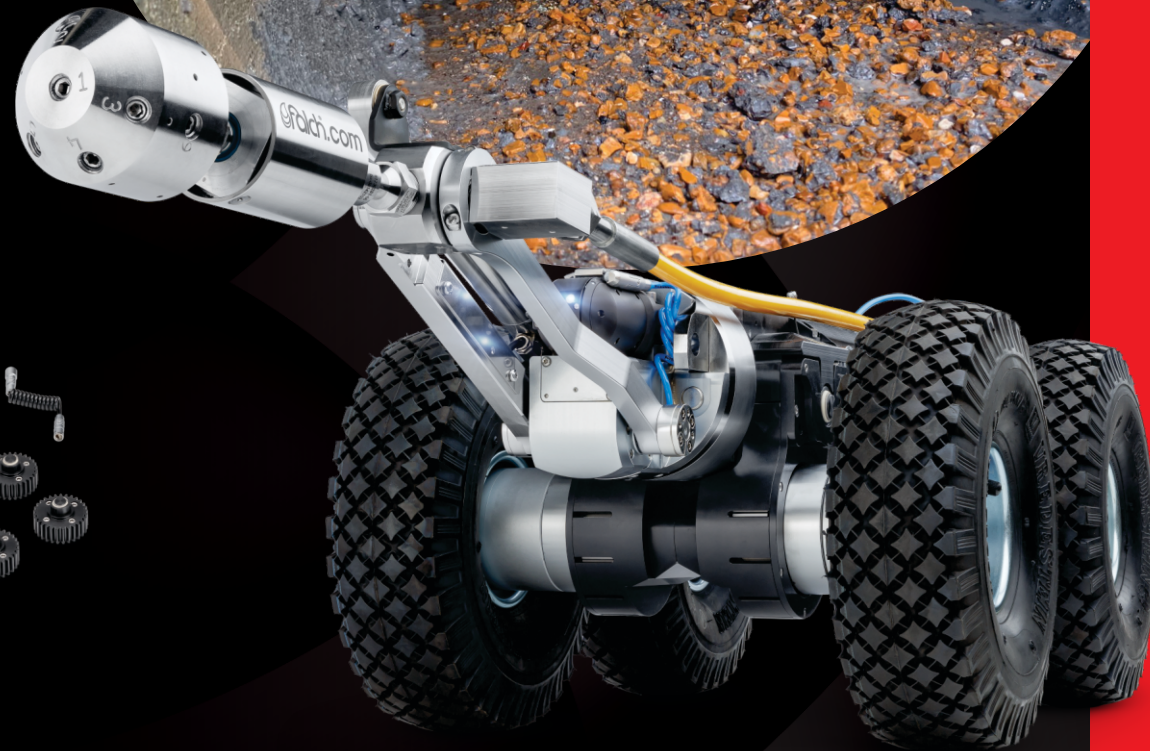
### KW 207 CABLE REEL

MicroGator® Air is compatible with our portable and vehicle-mounted MainLite® Cable Reels. Conveniently add a MicroGator® Air to your existing MainLite® inspection system.  
**(Hose reel + Air Compressor required)**

## MICROGATOR® GT

The MicroGator® GT creates new possibilities for the controlled removal of large, resistant deposits in the pipeline. The rotating water-jet nozzle can be attached to your MicroGator® tractor, with an additional high-pressure water hose, to transform your cutting and grinding robot into an Ultra-High-Pressure water jetting system. The MicroGator® GT has infinitely adjustable working pressure from 9,000 to 37,000 PSI and 3 to 13 GPM (gallons per minute). The CutterCam® provides a constant view of the operating area so you can see exactly what you are cutting/jetting. The MicroGator® GT has a large range of motion with a 400° Rotating elbow, full pan & tilt functionality, as well as 4th-Axis Articulation, giving operators ultimate control during operations. There are a variety of different nozzle types available for purchase, including point blasting. Elevate the rehabilitation services you offer with this next-level upgrade to your MicroGator® system.

MicroGator GT  
Demonstration



*MicroGator® GT with Universal Lift Kit*

## UNIVERSAL LIFT KIT

Expand your range of applications with one lift kit for all of your IBAK systems. The Universal Lift Kit is compatible with our MicroGator® rehabilitation systems (excluding MicroGator® 150) as well as our T76 camera tractors for pipe inspection.