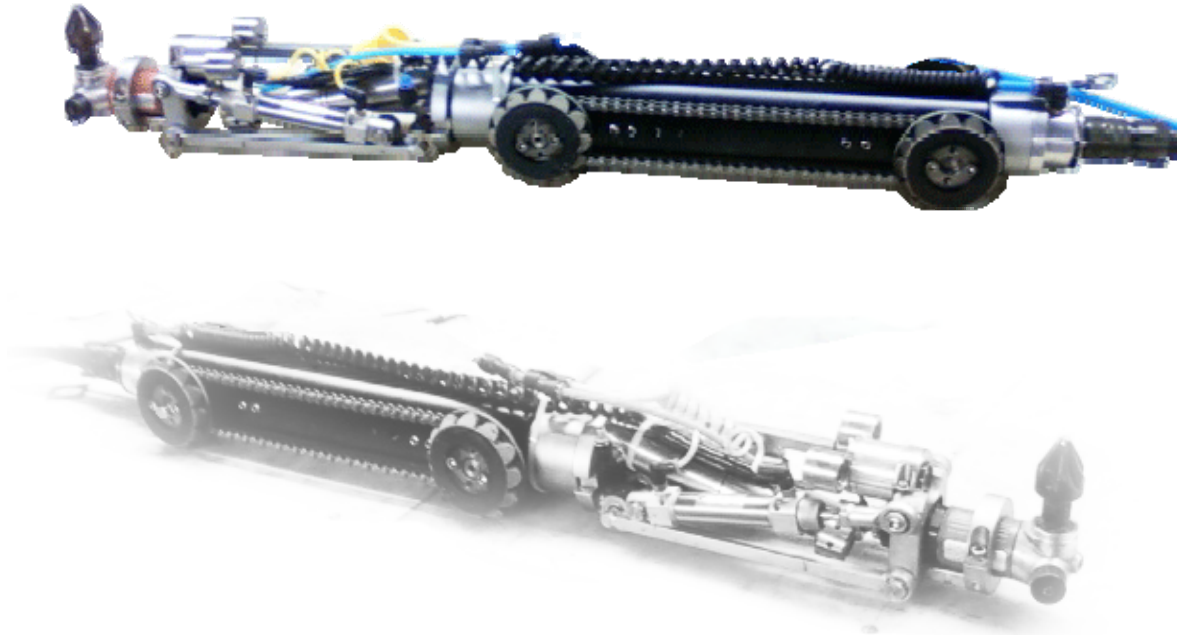


Clean Water

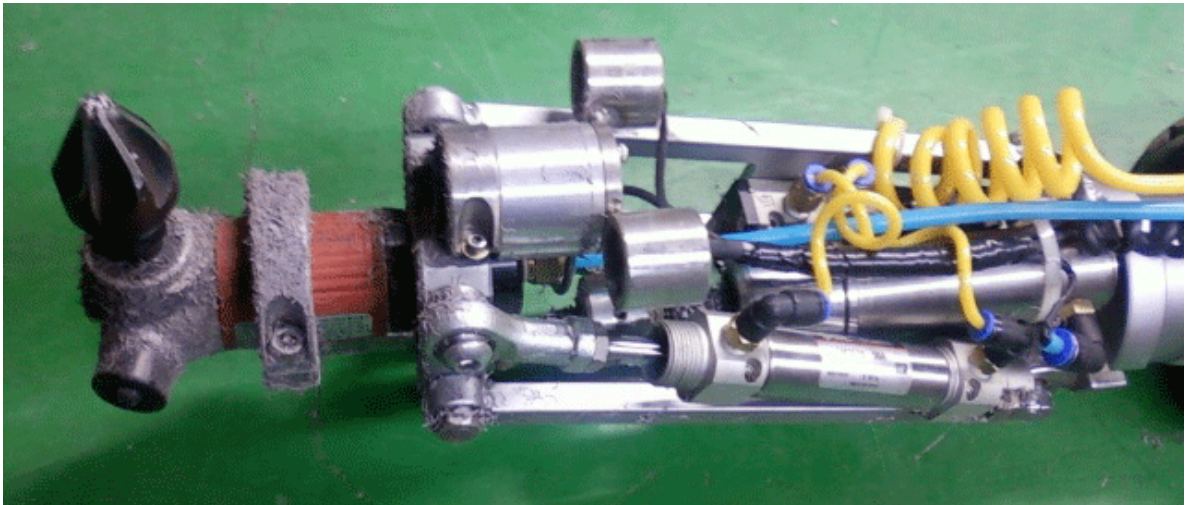
Pipe Inspection Tecnology

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Crawler with cutter for root removal in pipe



1. Robot arm head

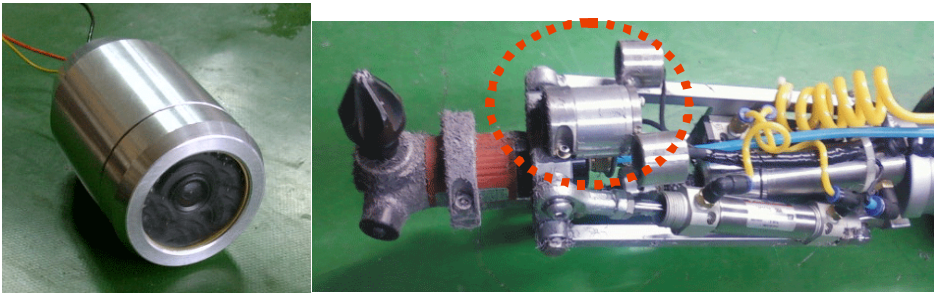


- using air pressure motor for arm operation.(very powerful and reliable)
- each elbow metal plate is assembled with metal joint, allowing easy replace at the operation site.
- head camera, air grinder is not included, (separate item)

2. Camera head

- Type : Color 1/3" EXview HAD CCD, PAL

- Detachable to Robot arm head.



3. Air Grinder

A photograph of an air grinder assembly, showing a metal body with a grinding wheel and a handle. A red dashed circle highlights a specific part of the assembly.	<ul style="list-style-type: none">- Any kind of grinder or driller, puncher is attachable to robot arm head.- we can supply air grinder but highly recommend to use local one for faster service.
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4. Lamp

A photograph of a small, cylindrical lamp component with a black cable attached to one end.	<ul style="list-style-type: none">- 10W * 2EA- High definition LED.
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5. Transporter body

A photograph of a four-wheeled transporter body, showing a black frame with four wheels and a central drive mechanism.	<ul style="list-style-type: none">- weight : 12kg.- adoptable from 135 dia mm pipe to Max 400 dia mm pipe.- Remote control drive- 4 wheel drive (ensure powerful driving)
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6. Balance weight



- This metal offer better balance for robotic cutter during operation.
- detachable to robotic cutter (the end of transporter body)

7. Cable drum



- weight : 15kg. (exclude cable)
- manual cable reel
- Cable's Dia.=8.2mmØ
- Standard length=100M
- Poly urethane jacket
- Pulling force : 400kg

8. Control Unit



- This metal case is for hot weather applicaion
- A portable brief case version is available
- With 9" (or) 12.1" TFT LCD monitor.
- Power ; 110~240ACV, 60Hz
- Size : 450(W) * 400(D) * 450(H)mm
- Weight : 15Kg