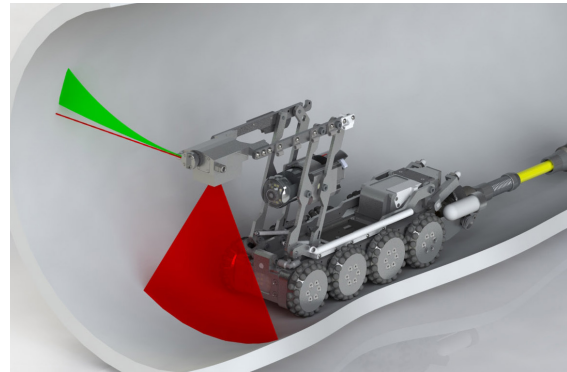
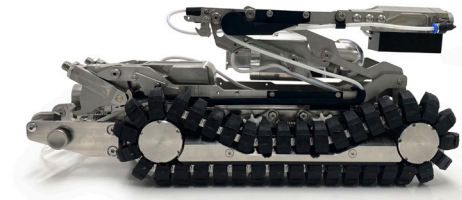


Intelligent robotics system that inspects and seals joints on large diameter Metallic live gas mains

STASS (System Two Assess and Seal Solution) travels within low pressure live gas mains locating and applying an anaerobic sealant to joints to prevent them from leaking.

This award winning NIA funded project has been developed in conjunction with Northern Gas Networks and ALH Systems and combines Synthotech's Synthotrax™ robotic platform and ALH Flexspray sealant.

Operation of STASS is undertaken by Synthotech's Technical Support Engineers as a Specialist Service.



- Survey up to 120 meters each way from a single excavation.
- For use on 12" - 48" Metallic Mains up to 75mbarg.
- Can seal up to 64 joints from one excavation.
- Access is via ALH System 3 or ALH Bond and Bolt technology for mains 24" and above, 200mm AVK under pressure tee via a 555/158 Donkin Valve for mains below 24"
- Uses SynthoTRAX technology including skid steering allows full remote manoeuvrability, even turning in its own footprint.
- SynthoCAM™ TITAN pan and tilt technology provides full circumferential vision.

- Sealant repairs existing main removing the need to relay, reducing costs.
- Live gas access system means minimal interruption to consumer supply.
- Can also Investigate and locate bends, syphons, internal mechanical seals and service connections.



CONTACT OUR TEAM TODAY TO DISCUSS YOUR REQUIREMENTS
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