

FAST RVI PLATFORM



DIGITAL
MEASUREMENT



COST
EFFICIENT



100%
SAFE

MOBILE ROBOT

There are two ways to carry out a visual inspection in confined spaces. The traditional way is to physically enter the confined spaces. This way, besides costly organizational issues such as confined space permit, scaffolding placing to enter confined space and ventilation is always dangerous for inspectors. Nowadays, there is a much more advanced way to carry out a visual inspection without the need of a inspector entering the confined space. A pan-tilt-zoom (PTZ) camera can be mounted either on a stick or a mobile robot.

The FAST platform is a mobile robot that can reach the inaccessible places. With a camera mounted on the mobile robot, the whole storage tank can be inspected internally and externally. The biggest advantage is that the security risk is dramatically reduced.

MOBILE MAGNATIC RVI PLATFORM

The robotic system is equipped with powerful permanent magnetic wheels that can climb easily on metal structures. With the help of a control unit the platform can be controlled from a safe distance by one inspector.

BENEFITS

- 100% safe, no man entry necessary
- In 100% toxic environment possible
- No scaffolding
- Time saving by less permit requirements
- Reaching inaccessible areas
- Less cleaning necessary
- Traceable inspection results



SPECIFICATIONS

PLATFORM

Dimensions	Length 250 mm (9,9") x Width 490 mm (19,3") x Height 160 mm (6,3")
Weight	9,3 kg (20,5 lb) without camera
Payload	15 kg (33 lb)
Speed	fully adjustable, max. 60 mm/s (2,4"/s)
Motor	2 integrated motors with 48V brushless DC-motors
Power supply	48V via cable from external power supply
Cable length	60 m (197 ft)

CAMERA

- Zoom: RT
- 36 x optical zoom
- Adjustable light

OPTIONAL

- Adjustments platform
- Manhole camera



MORE INFORMATION

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