

System components

FAST RVI crawler

1

The FAST RVI is a reliable, field service proven robotic inspection system, equipped with strong magnetic wheels it can easily climb metallic structures and perform remote / overhead inspections. Navigation aids and a wide angle top view camera (optional) support the operator. The basic robotic crawler consists of main chassis with 2 wheel drive units



Top View Navigation Camera

2

HD wide angle camera to mount on FAST RVI platform.

- built-in high power LED lights
- including 10m cables (PWR/COM) to connect to interface box
- integrated in control software



10m cable hose

3

10m standard cable hose to connect FAST RVI to interface box

- 2x control & power for crawler wheel drives
- covered in plastic protection tube

ICS - Integrated Control Station

6

Fully rugged remote control station to operate Inspection Robotics platforms. Built in a hard case shell with integrated Touchscreen and Joystick.

- 48V GE IR control station
- integrated computer
- integrated touchscreen monitor
- integrated navigation joystick



Interface (Manway) box

4

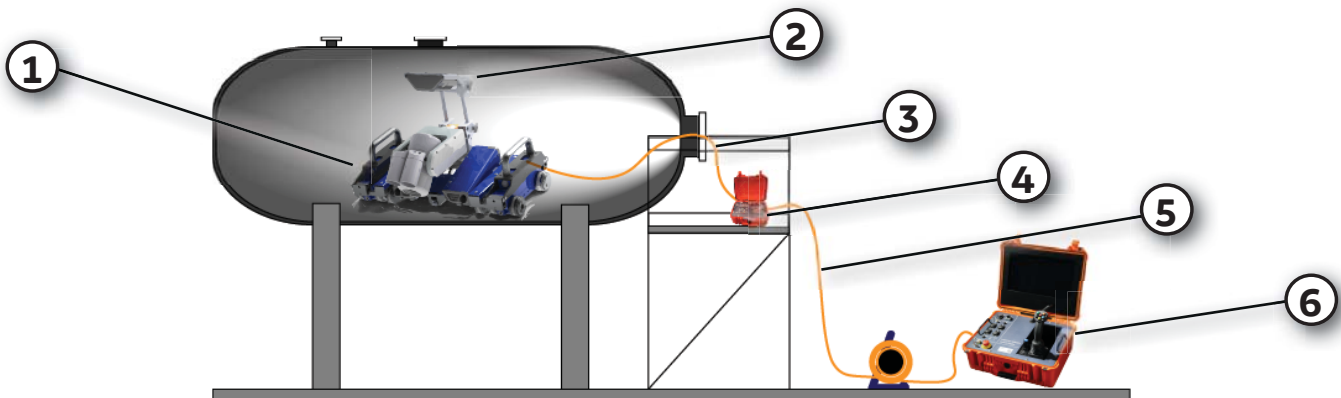
Rugged interface box to connect FAST RVI crawler to Control Station. Box to be positioned at the entryway of test specimen (manway).



30m umbilical

5

33m umbilical cable on a reel to connect interface box to Control Station



What you need to get started

FAST RVI Inspection Kit

The FAST RVI Inspection kit comprises of standard components needed to safely operate the inspection system. This kit includes:

- FAST RVI main chassis with 2 wheel drive units packed in rugged hard shell case
- inspection camera adapter for GE Ca-Zoom PTZ inspection camera
- Top view navigation camera with integrated LED lights
- 10m standard cable hose (control & power for crawler + navigation camera in plastic tube) to connect FAST RVI to interface box
- Rugged interface box (to be positioned at entryway)
- 33m umbilical cable on cable reel to connect interface box to Control Station
- Integrated Control Station (Rugged hardshell with integrated computer, touchscreen, joystick, motor control)



note: GE Ca-Zoom PTZ 140 inspection camera is not included