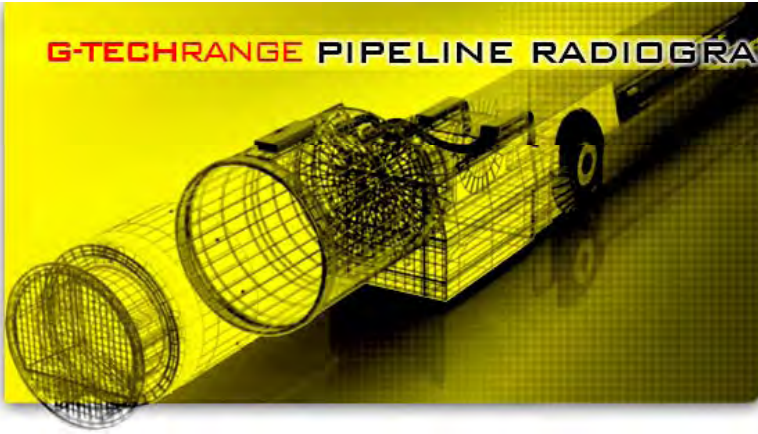


G-TECH RANGE PIPELINE RADIOGRAPHY CRAWLER



INTRODUCTION

The G-TECH range of pipeline radiography crawlers is a versatile, efficient and high specification pipeline crawlers. Field tested, designed and constructed to an extremely high standard to meet the requirement of

Radiography Non-Destructive Examination in circumferential butt weld, steel tubular installations in oil and gas transmission pipelines.

All stainless steel welded construction modular section, are extremely compact and lightweight, enabling internal panoramic (single wall, single image, SWSI) radiography to be carried out in pipelines of diameter from 6" to 60 ".

STANDARD FEATURES

- Optional radiography source;
 - ❖ Panoramic X-Ray tube heads
 - ❖ Gamma Isotope heads
- Full remote control exposure by shielded control isotope.
- Powered by rechargeable sealed lead acid batteries.
- 4 wheel drive system specially designed for onshore pipeline.
- Backed by 12 months warranty.
- Three range available;
 - ❖ G-Tech6 Small range
 - ❖ G-Tech10 Medium range
 - ❖ G-Tech24 Large range

GENERAL DESCRIPTION

The crawler is basically a battery powered unit, fully remote controlled from outside of the pipe by means of a low-radiation (20 millicuries) Caesium 137 signal isotope.

The construction of the crawler system includes;

1. Chassis and traction unit
2. Microprocessor Control Unit
3. Detector Unit
4. Battery Pack
5. Wheel Spacers
6. Radiography source unit (X-Ray or Gamma Head)

CHASSIS

Fully stainless steel to withstand the tough operating environment of pipeline radiography.

The chassis traction unit can be easily setup with the appropriate module due to its simple modular section design.

G-Tech Small 6"



G-Tech Medium 10"



G-Tech Large 24"



Small



Medium



Large

For more
information visit...



