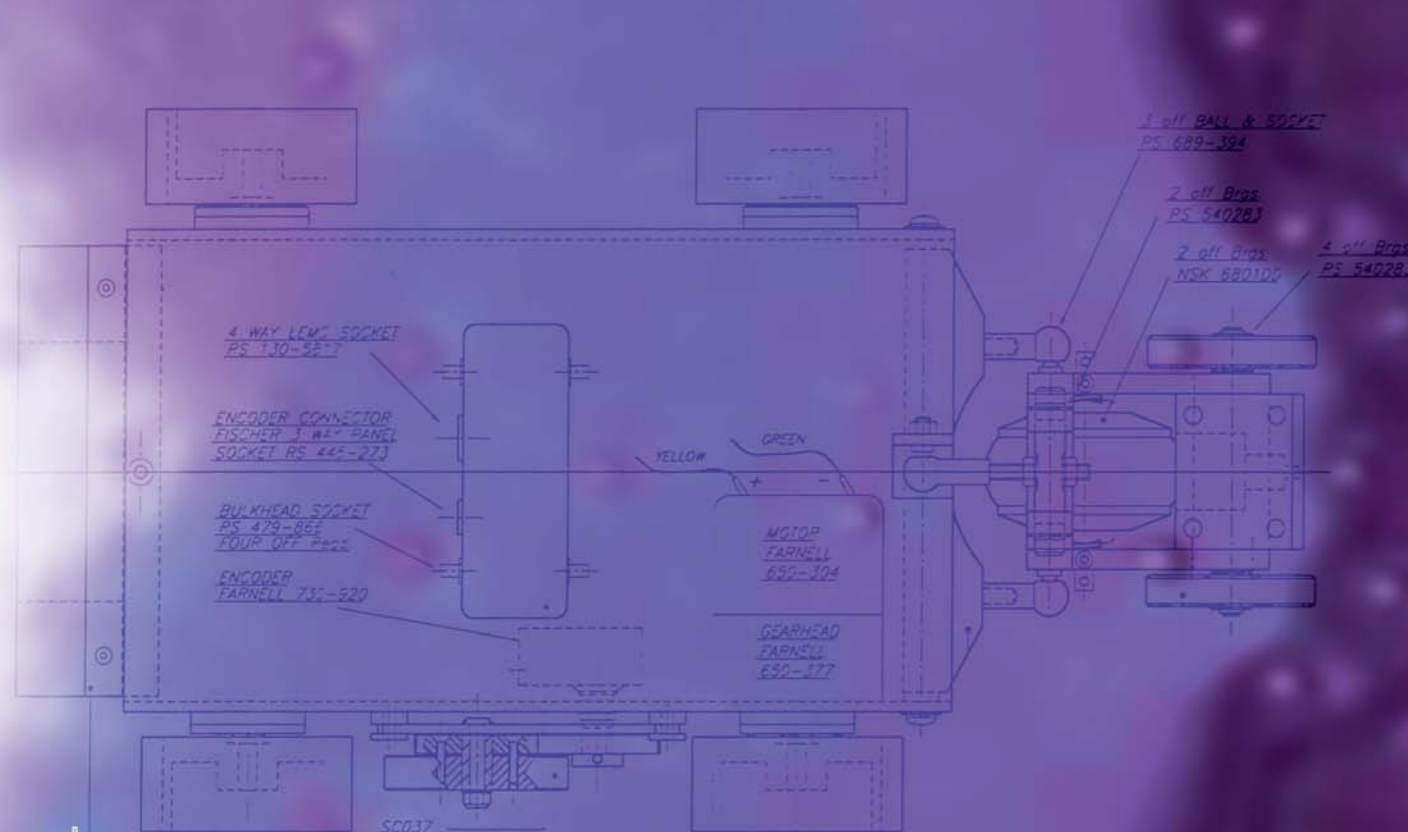


Technology Driven
Not Operator
Dependent



Technology Driven
Not Operator
Dependent



Industry

specialist equipment



power generation

leading manufacturer

tanks

Scorpion

inspection equipment

petro-chemical industry

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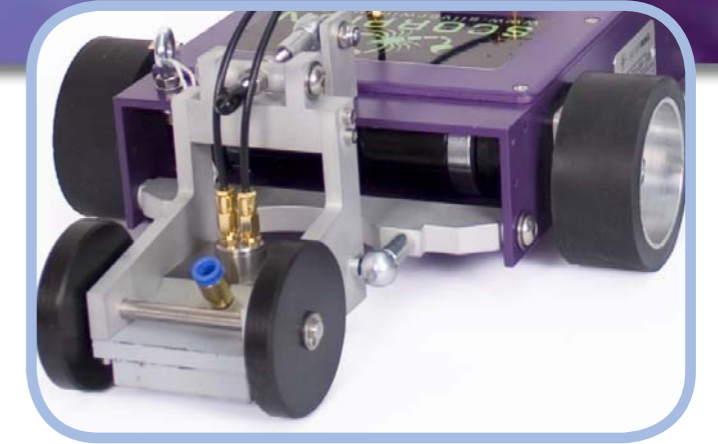
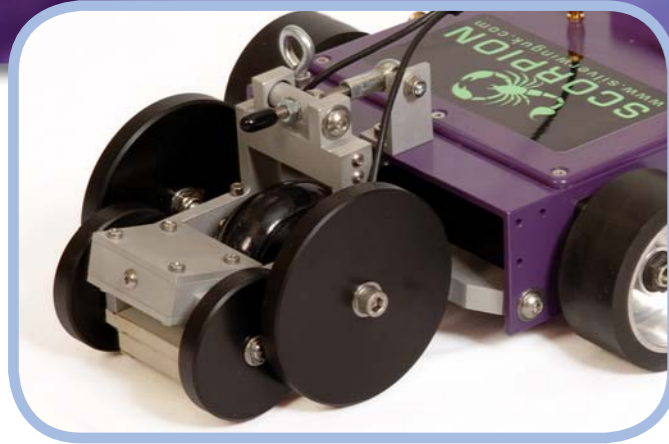
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Scorpion DCP

ONE SYSTEM TWO OPTIONS

Scorpion BP

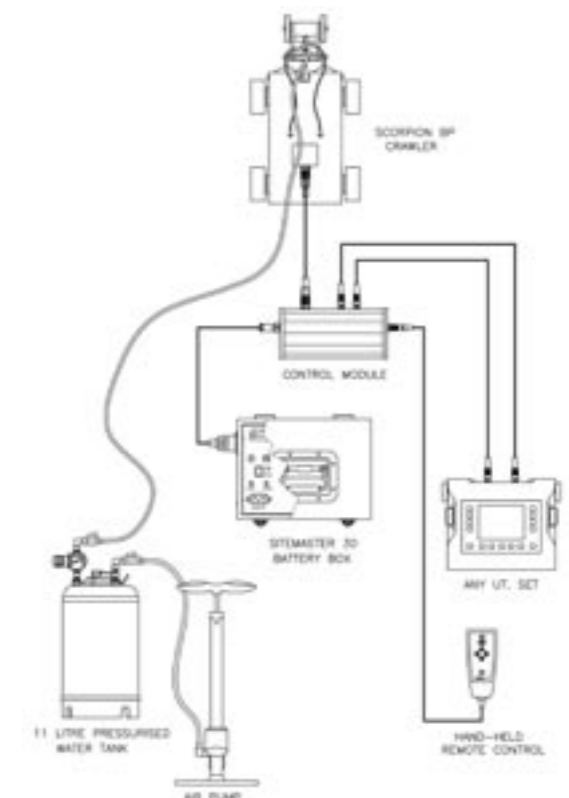
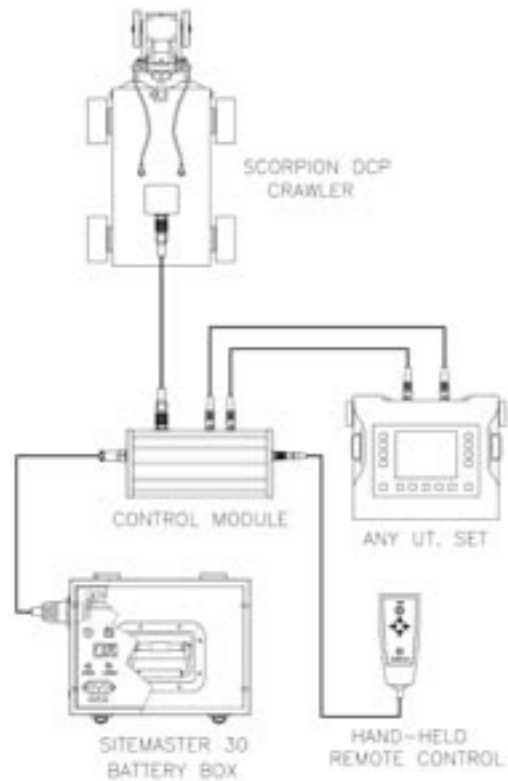
Scorpion is a rugged remote access crawler designed to allow cost effective ultrasound thickness measurements on above ground ferro-magnetic structures.



The Scorpion DCP remote access crawler uses a unique "Dry Coupled" wheel probe eliminating the need for traditional couplant. This allows the crawler to travel vertically, horizontally or even inverted whilst still fully functional. Compatible with ANY ultrasonic system, a 50 metre umbilical cable allows access to the furthest point of most structures without the need for scaffolding. Powered by the Sitemaster 30 battery pack, the system is capable of 8 hours continuous operation on a single charge.

The Scorpion BP remote access crawler comes supplied with an irrigated dual 5MHz transducer fed from a pressurised stainless steel reservoir. Compatible with ANY ultrasonic system, a 30 metre umbilical cable with water feed allows access to the top of the highest storage tank for remote access measurements.

Powered by the Sitemaster 30 battery pack the system is capable of 8 hours continuous operation on a single charge.



Technical and Performance Specification

Dimensions:	Length 385 mm x Width 222 mm x Height 102 mm
Weight without cables:	4.75 Kg
Adhesion:	Neodymium iron boron magnets mounted in centre of carriage
Pull off force:	13.6 Kg
Drive:	four (4) independent 12 volt Dc motors
Drive wheels:	coated in special non-slip synthetic rubber compound
Speed:	25 mm/second
Umbilical Cable:	length 50 metre
Transducer:	Dry coupled wheel using "Ro-Cee" rubber 5 Mhz dual / twin compression transducer
Near surface resolution:	2.5 mm
Power supply:	28 Ah sealed lead acid gel battery pack with integral charger
Test time:	8 hours complete system

- **Unique dry coupled wheel transducer**
- **Remote operation with NO height restrictions**
- **12VDC self contained system**

- **Pressurised water supply**
- **Remote operation with height restrictions**
- **12VDC self contained system**

Technical and Performance Specification

Dimensions:	Length 385 mm x Width 222 mm x Height 102 mm
Weight without cables:	4.75 Kg
Adhesion:	Neodymium iron boron magnets mounted in centre of carriage
Pull off force:	13.6 Kg
Drive:	four (4) independent 12 volt Dc motors
Drive wheels:	coated in special non-slip synthetic rubber compound
Speed:	25 mm/second
Umbilical Cable:	length 30 metre
Transducer:	Water irrigated 5 Mhz dual / twin compression transducer
Near surface resolution:	2.5 mm
Power supply:	28 Ah sealed lead acid gel battery pack with integral charger
Test time:	8 hours complete system