



# Magnetic Remote Transport Vehicle

## CRAWLER

Use the part numbering system below to designate the crawler



AAA003-

- A - No Attachments
- BCMAPRB - Camera & Probe Lift Actuator
- BCMAPG - Camera (see options) & expanability for future Probe Lift
- CPR - Probe Lift Actuator (see options)
- CPG - Expanability for future Probe Lift
- E - Rear wheel Encoder (see options)
- N - No Encoder on rear wheel

### Encoder

An optional encoder is available to provide positional feedback. Custom encoder input cable are available for all major instrument manufacturers.

E

### Probe Lift Actuator

A small, lightweight linear actuator is available to lift a probe or inspection device from the driving surface. The actuator has 1" of vertical travel and is controlled with the handheld control unit.

PR

- F - 3/8" Dia Probe Clamp
- G - 3/4" Dia Probe Clamp
- H - 0.8" Dia Probe Clamp

### Video Camera System

A video camera can be mounted on the Tripod for visual inspection or as a driving aid. All cameras are watertight. Mounting hardware is provided to mount the camera to the Tripod body. The video feed is sent down the standard umbilical; no extra cabling is required.

CMA

## SYSTEM COMPONENTS (Required)



### Controller

AAS021

Hand held controller used to remotely drive the Tri-pod via the control cable. It consists of 2 joystick controls, 2 selection buttons and a LCD screen housed in a rugged plastic enclosure.



### Power Supply

AAS064

85 - 264VAC 45 - 65 Hz 1 phase power supply.



### Control Cable

AAS055-

The control cable is used to connect the controller to the main umbilical. Standard cables are available in 6,9,15 and 30m lengths. (Contact Jireh for custom cable lengths)

Cable Length (m)	
06	15
12	30



### Umbilical

AAS037- A-

Rugged polyurethane umbilical. Includes 4 RG-174/U coaxial conductors and a Polyurethane water line.

Cable Length (m)	
23	38
30	46



### Flux Breaker Mat

AAS061

The flux breaker mat is used to mount and remove the Tri-pod from

## SYSTEM ACCESSORIES (Optional)



### TriPod Case

**AAS059**

A rugged water tight case with custom foam interior.



### Case for P/S & Control

**AAS060**

A rugged water tight case with custom foam interior.

### Water System

**CMA001-** 

The Tripod is available with a 60psi positive displacement pump, 1 liter accumulator tank, and valving mounted in a rugged plastic case. This pump system plugs directly into the breakout bell of the Tripod

A - Large Case - Pump and umbilical storage

B - Small Case - Pump