



## **RODDERS AND JETS SUPPLY CO**

**PO BOX 2577**

**SUMTER, SC 29151**

**TOLL FREE: 1-800-293-2012**

**FAX: 803-773-3666**

**WEB: [RODDERSANDJETS.COM](http://RODDERSANDJETS.COM)**

**EMAIL: [RODDERSANDJETSCO@AOL.COM](mailto:RODDERSANDJETSCO@AOL.COM)**

### **ARIES MPF SPECIFICATIONS**

#### **1- Aries Pathfinder All-In-One Controller, Including:**

- 8.4" color flat screen TV monitor
- Sealed connector for interconnect cable to reel

#### **1- Camera control interface including control of:**

- Zoom control
- Joystick pan/tilt control
- Lighthouse intensity adjustment
- Focus in/out
- Iris open/close
- Star-lite function
- White balance
- "home" function
- Laser on/off with indicator LED
- Diagnostic report toggle on/off
- Camera select PE36XX/PE34XX/PE35XX with indicator LED

#### **1- Tractor Control Interface Including Control Of:**

- Joystick direction control
- Speed control
- "cruise" control function with indicator LED
- Auxiliary lighthouse on/off with indicator LED
- Front/rear camera selection
- Camera power lift control up/down
- Internal diagnostic report toggle on/off
- Tractor select TR33XX/34XX with indicator LED

#### **1- Reel Control Interface Including Control Of:**

- Clutch engage/disengage
- Speed control

**1- Integrated DVR With Interface Including Control Of:**

- Record
- Pause
- Stop
- Back
- Menu
- OK(enter)
- Select up
- Select down
- Snap shot (still frame)
- USB output and storage
- USB keyboard interface
- BNC video output

**1- Integrated Video Overlay Module With The Following Prominent Features:**

- On screen display including applicable survey information (I.e.; footage, date, time, section ID...etc.)
- Ability to export serial communications to external inspection software
- Decode footage encoder data to provide accurate linear estimations
- USB keyboard interface

**1- Mobile Pathfinder Cable and Reel Assembly, Including:**

- Lightweight frame with casters and handles
- Drum and motor assembly with clutch and cable level wind assembly
- Sealed continuous contact collector assembly, 12 conductor rings minimum
- Distance encoder
- Emergency/manual operation hand crank
- Emergency stop button
- **1000'** of lightweight low-friction multiconductor cable
- Spare termination kit
- AC power switch
- Universal power input plug with cord
- Resettable 15 amp integrated circuit breaker
- Manual clutch disengagement mechanism
- Adjustable friction brake
- Manual mechanism for level wind position adjustment
- 2 Integrated floor mounting brackets
- Removable drip pan assembly

**1- Aries PE3530 Pathfinder Series Zoom Pan and Tilt Camera w/ High Intensity LED Light Ring and Integrated Self-Cleaning Lens Wiper System, Including:**

- Pathfinder zoom pan and tilt camera w/ multi-axis continuous rotation
- Integrated self-cleaning lens wiper system
- 40X zoom (10X optical & 4X digital)
- Maintenance-free forward facing true color warm white directional LED lighting modules, positioned in the arms of the camera

- Maintenance-free true color warm white directional LED directional lighting system with for inspecting up to 36" pipelines
- White balance optimization with (4) selectable settings
- "Starlite" light enhancement feature with (4) user selectable enhancement steps
- "One Touch Scanning" feature with (2) user selectable continuous joint scan presets
- "Quick Look" preset view positions (6) (Up, Down, Right, Left, Lat R, Lat L)
- Fast-check pressure monitoring system
- On-screen camera diagnostics functions including:
  - Camera model, serial number, software revision
  - Camera operating hours, regulated voltage value, head temperature
  - Camera internal pressure, control error recognition, LED current value
- Camera storage and transportation case
- Camera re-pressurization kit

**1- Aries TR3300 Pathfinder Steerable Self-Propelled Transporter for Relined 6" to 15" lines, Including:**

- Tractor assembly with continuous duty drive motors
- Manual camera lifting mechanism
- (6) 3<sup>3</sup>/<sub>8</sub>" rubber wheels for relined 6" lines
- (4) 4<sup>3</sup>/<sub>8</sub>" rubber wheels for 8"-12" sewer lines
- (4) 5" rubber tires for 12"-18" sewer lines
- **Rear viewing camera** with LED lighting
- Auxiliary high power detachable light head with integral **512Hz** locating beacon
- Storage and transport case
- Set maintenance parts
- Tractor power supply and control interface box to SCU
- **512 Hz** locating beacon

**1- Cable Manhole Guide System Including:**

- Manhole top roller assembly
- Manhole bottom roller assembly and adapter hook
- Insertion and extractor pole assembly and tractor adapter
- (4) Extension poles, fiberglass
- Tiger tail bottom cable guide
- Tool kit