

WEASEL1

PIPELINE INSPECTION CRAWLER

GET THE FULL PICTURE

AN AFFORDABLE SOLUTION
TO INSPECTION



FORBEST

FORBEST PRODUCTS CO.

WEASEL 1

PIPELINE INSPECTION CRAWLER



GET THE FULL PICTURE

The WEASEL 1 Crawler is a robust all-in-one inspection tool, providing a full scope solution for remote visual inspection across a range of applications. Made for the field, The WEASEL 1 is deployable in internal spaces ranging from 8" (200mm) to 40" (1000mm) in diameter. Provide a comprehensive image using Forbest's powerful C60B pan and tilt camera affixed to the crawler.



SIMPLE

Easily set-up and deploy into the field. User-friendly technology allows the WEASEL 1 to efficiently navigate the most challenging inspections while avoiding complications. Power through your projects with confidence and ease, with lifetime support and an expert service team.



ROBUST

Dependable and sturdy, the WEASEL 1 is designed with durability and longevity in mind. Four-wheel drive moves the system's stainless steel and aluminum alloy tractor body, climbing over offsets and debris.



ADJUSTABLE

Complete with everything needed and more for efficient inspection. The WEASEL 1 system offers adaptability with easy to swap tires, accessories, parts, and more for the utmost productivity on-site.



VERSATILE

Built to power through various environments and different industries. Scope out large diameter pipelines, confined spaces, offshore platforms, marine vessels and more. The WEASEL 1 is trusted through Pipeline, Trenching, Energy, Mining, Oil & Gas, and Utilities industries.



CONTROL STATION

- Clear 720p 10" LCD Monitor with Dual USB & SD Card Recording
- Multifunctional Control Station encases Dual Joystick
- Durable Keyboard Pad for Typing and Editing Function
- Anti Glare Screen Visor
- Microphone for Voice Over Recording
- Wireless Remote Controller
- Heavy Duty Waterproof Case

CRAWLER

IDEAL FOR LINES 8" - 40"
(200mm - 1000mm)

- 4-Wheel Drive Crawler
- Lifting up to ~14" (350 mm)
- 30m/min Max Driving Speed
- Pan-Tilt 360°/180° Color Fixed Focus Camera Head includes 4 LED lights, 6 auxiliary LEDs and nine-axis sensor

ADDITIONAL

- All Inclusive Tool Kit
 - Wrenches
 - Inner Hexagonal Wrenches
 - Spare Screw Pack
 - Pump
- Edge Protection Kit



LIGHTWEIGHT CABLE CAR
400ft. (120m) Cable and Footage Counter

SONDE TRANSMITTER
512 Hz



GAIN DEEPER INSIGHT



Auxiliary LEDs
Powerful LEDs provide maximum brightness and illumination to any large pipe



Durable Design
Aluminium alloy and stainless steel body includes a detachable U-shape collision frame



C60B Pan & Tilt Camera
360° Pan and 180° Tilt with built in nine-axis sensors for optimal imaging



Set of Easily Interchangeable Wheels

- 2.5" (68mm) outer diameter rubber wheel
- 5" (120mm) outer diameter rubber wheel
- 6" (150mm) outer diameter pneumatic tire

SPECIFICATIONS

THE HIGHEST STANDARD TO TRUST.

FULL SYSTEM: THE WEASEL 1

Pipeline Sizes	200mm-1000mm / 8" - 40"
Rated Power Consumption	95W
Power Adapter	220/110V adaptive power adapter. The output power is 400W.
Tether/Cable Length	120m / 400ft.
Max Speed	30m/min / 98.4 ft./min
Max Lifting Height	350mm / 13.7"
Net Weight	39.6kg / 87.3lbs

CRAWLER

Waterproof	IP68
Dimensions (W x H x D)	590mm x 130mm x 120mm / 23.2" x 5.1" 4.7"
Weight	5.4kg / 12lbs
Materials	aluminum alloy, stainless steel
Max Lifting Height	350mm / 13.7"
Camera	Pan-Tilt 360° / 180°
Camera Head Diameter	60mm / 2"
Camera Head Weight	0.4kg / 0.88lbs
Lighting	4 LED Lights & 6 LED high-brightness lamp beads
Sonde Transmitter	512 Hz
Crawler Controller	2.4G Wireless Remote Controller
Drivetrain	4 x 4
Wheelbase	68mm, 120mm, 150mm / 2.5", 5", 6"

CABLE CAR

Dimensions (W x H x D)	580mm x 320mm x 450mm / 22.8" x 12.5" x 17.7"
Weight	24.1kg / 53.1lbs
Cable Length	120m / 400ft.
Cable Diameter	6.5mm / 0.25"
Take-Up Cable	Manual

CONTROL STATION

Type	Multifunctional Control Station w/ Durable Keyboard Pad for Typing and Editing Function
Screen Size	10.1"
Resolution	720P
Joystick	Duel (2 Joysticks)
Storage	SD Card & USB Drive
Battery	Rechargeable 6600mA Li-ion Battery Lasting 4 Hours

SYSTEM PRODUCT #: FB-YL-150-01



1 YEAR LTD. WARRANTY

1-877-369-1199
www.ForbestUSA.com



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