

## Proteus Lateral System

The LAT150 is a mainline to lateral inspection crawler designed to offer range, reliability and functionality. Whether you're offering pre-acceptance inspection, searching for cross bores or inflows or conducting a structural survey, Minicam's self-propelled LAT150 has you covered.

The LAT150 offers a multitude of options to help overcome challenging situations and give complete control of each launch. The system has flexible but easy to use options available such as, various configurations and sizes of wheels, deployment tubes and the lateral pin.

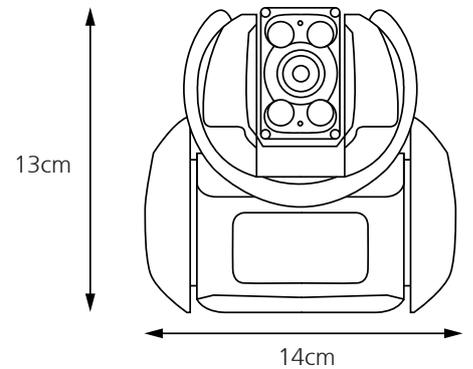
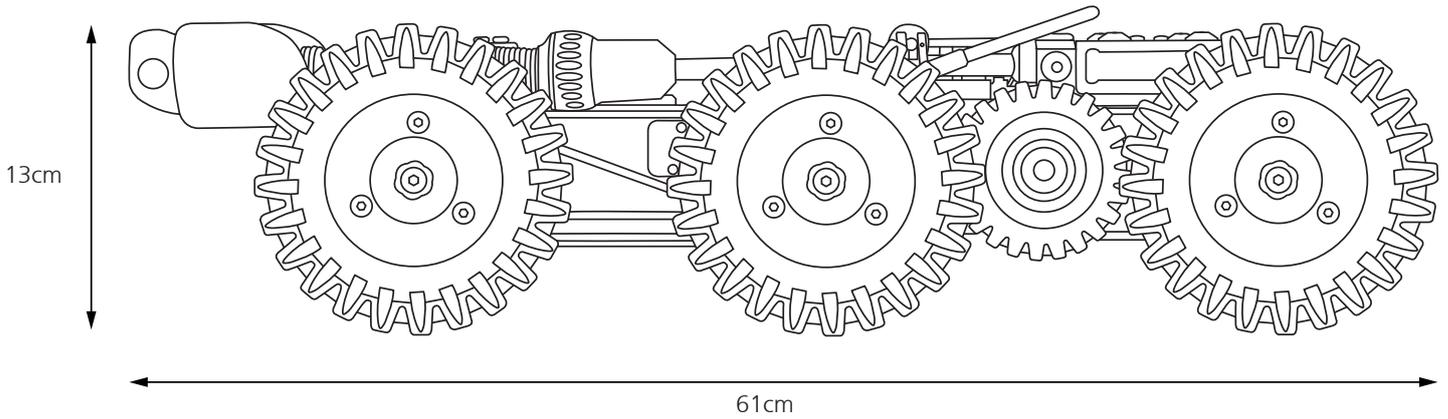
To enable accurate positioning of the camera in larger mainlines, the LAT150 can be fitted with various sized deployed tubes. The unique design of the pivot provides quick, easy and tool-less attachment of deployment tubes in any size.



## Technical Data

|   | US                  | UK                   |
|---|---------------------|----------------------|
| Crawl Distance  | 1150ft              | 350m                 |
| Launch Distance   | 150ft               | 45m                  |
| Obsrvation Camera Lines   |                     | 740TVL               |
| Drivetrain Configuration  |                     | 8x8x (8 Wheel Drive) |
| Wheel Compatability   | 3.5, 4.5, 5.5 inch  | 90, 115, 140 mm      |
| Minimum Access Size   | 12 inch             | 300mm                |
| IP Rating   |                     | IP68                 |
| Maximum Water Depth   | 33ft                | 10m                  |
| Internal Pressure (operational)   | 14.2PSI             | 1 bar                |
| Sonde   |                     | 33k 521 60Hz         |
| Mainline Diameters  | 6 - 80 inch         | 150 - 2000mm         |
| Material (front body)   |                     | Brass (Zinc Coated)  |
| Material (rear body)  |                     | Brass (Zinc Coated)  |
| Material (lateral drive module)   | Adnodized Aluminum  | Anodised Aluminium   |
| Dimensions L x W x H  | 24 x 5.5 x 5.1 inch | 61 x 14 x 13 cm      |
| Height with Observation Camera  | 6.3 inch            | 16 cm                |
| Continuous monitoring of speed, internal pressure inclination and temperature |                     |                      |
| Dual axis inclination sensor  |                     |                      |
| Rear articulated knuckle connector  |                     |                      |
| Quick change wheel lock   |                     |                      |

# LAT150 Crawler



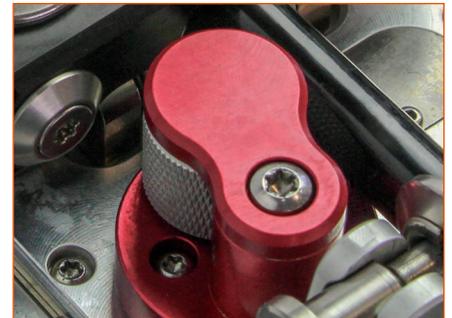
## Hinged Mid-Section

The hinged mid-section allows for easier mainline entry access and reduces overall length making it easier in 6 inch pipes with front wheels drive so there is no need to lock the hinge when inserting into mainline pipe.



## Lateral Drive Belt

The drive belt's flexible tread grips the push rod but prevents dust and dirt from building up with user replaceable belt tensioners allows for quick changeover on site.



## Meterage Counter

Close to deployment for an accurate lateral distance measurement.

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