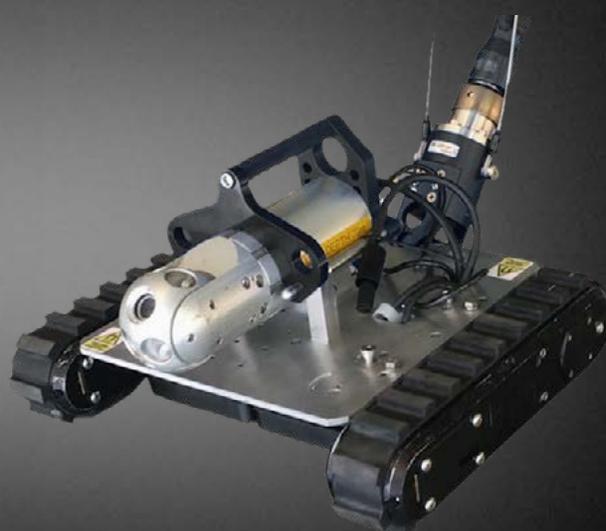
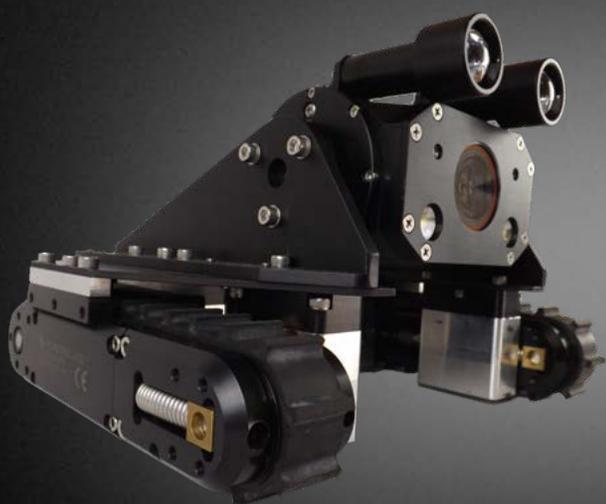


# Magg™

Rugged Robotic Crawler



# SEE QUALITY. EXPERIENCE VALUE.

Magg™ 310 magnetic crawler offers a unique solution for high definition remote visual inspection across a broad range of applications.

## Perfect for examining steel structures

The Magg crawler family offers a unique solution for remote visual inspection (RVI) across a broad range of applications.

The powerful crawlers provide unmatched performance with the capacity to record live video, take still images, and collect sensor data.

Its durable construction and ease of use make it well suited for examining steel structures like wind turbines, storage tanks, and ship hulls – even in the splash zone!

## Rugged inspection camera

The Magg is supplied with a robust camera that can withstand even the worst environments. The optimized design allows a clear image streamed in milliseconds, enabling real-time decision-making.

## Reliable performance

The Magg is a trusted and reliable remote inspection crawler designed to withstand the harshest conditions.

The unique combination of raw power, agility, and magnetic downforce allows the Magg to accomplish what most wheeled vehicles can't.

Whether a planned or emergency inspection in an open environment or confined space, the Magg crawler can easily traverse to critical areas of interest even when met with rough, dirty surfaces.

## Key applications

- Marine
- Ship hull
- Tank car
- Vessel
- Storage tank
- Wind turbine



# LOADS OF CAPACITY. PACK UP, CARRY ON.

The Magg™ 480 magnetic crawler is the specialized solution for extraordinary, out-of-scope assessments and interventions.

## Simple and optimized interface

The Magg system utilizes Inuktun proprietary ICON software. Whichever Inuktun crawler the operator uses, the software interface stays the same, allowing you to reduce the amount of time spent training and flattening the learning curve.

Robotics are being used more and more for efficiency and safety reasons. Eddyfi Technologies supplies the complete solution, so there is no time wasted learning several platforms. With the ICON software, you have access to one of the largest pools of inspection robotic systems.

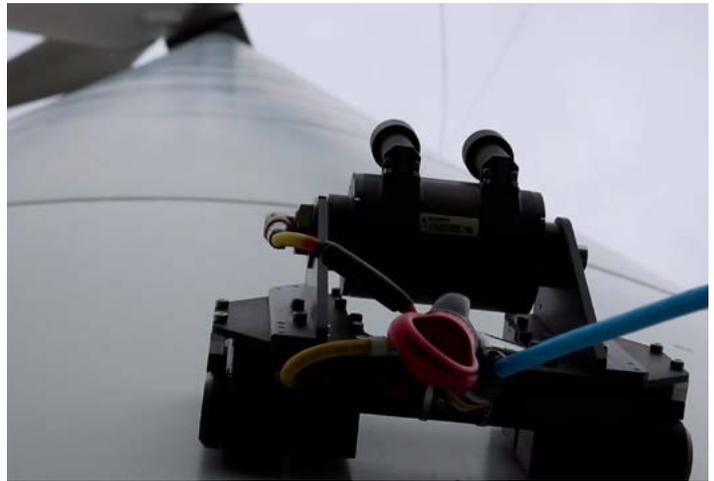
## Payload and traction

Not sure what issues you might encounter? That's not a problem. There is a Magg for your application, no matter how big the task. The payload capacity allows you to install a wide variety of tools or sensors.

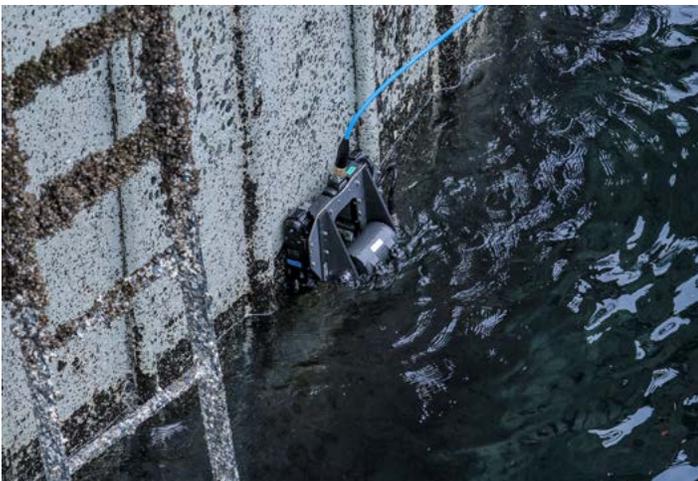
Unlike other remote robotic crawlers, the Magg's traction and downforce excel in the most challenging conditions. Simply attach the crawler to the surface and let it do the work. The magnets perform on various surfaces while being extremely resistant to surface uniformity.



Customized Magg crawler with Eddyfi Sharck ECA Probe



Remote Visual Inspection of a wind turbine



Splash zone inspection of offshore structure



Curved steel wall inspection

# SPECIFICATION

DESCRIPTION	MAGG310	MAGG480
Crawler width	310mm (12.2in)	480mm (18.9in)
Maximum tether length	100m (330ft)	1000m (3300ft)
Maximum speed	3.6m (12ft) per minute	6.4m (21ft) per minute
Vehicle weight	6.2kg (14lb)	36kg (80lb)
Tether weight	0.092kg/m (0.062lb/ft)	0.119kg/m (0.08lb/ft)
Vertical payload (tether + load)	14kg (31lb)*	24Kg (53lb)*
Camera	HD camera, 120x zoom (10x optical), tilting head	Spectrum 90 PTZ camera Optional:Spectrum 120 HD PTZ camera
Controller	IPC portable controller	400V controller
Lighting	2x auxiliary LED lights	2x auxiliary LED lights
Depth Rating	60m (200ft)	60m (200ft)
Operating temperature	Normal: 0°C to 45°C (32F to 113F) Limited: -10° to 45°C (14F to 113F)**	Normal: 0°C to 45°C (32F to 113F) Limited: -10° to 45°C (14F to 113F)**

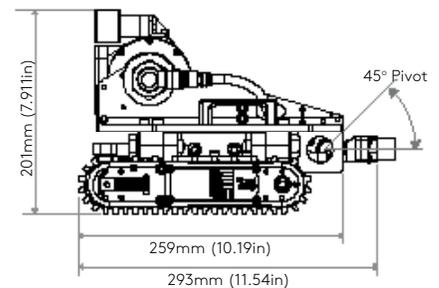
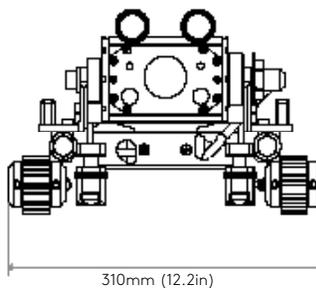
\*Actual payload is affected by surface condition and magnetic property of the surface.

\*\*Running outside the normal operating condition for prolonged periods of time can affect system performance and reduce life expectancy of some components.

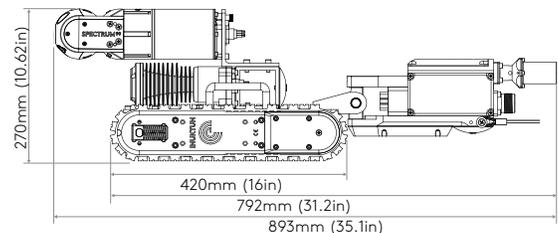
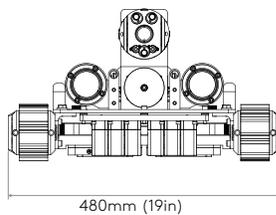
## Standard Dimensions

Units in mm (in)

### Magg 310



### Magg 480



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