

Technical Specifications

DT640 MAG Utility Crawler



Utility Crawler General Specifications:

Width: 328 mm (12.9")

Height: 232mm (9.1")

Length: 426mm (16.7")

Weight: 19kg (42 lb)

Depth Rating: 50m (164 ft)

Chassis Material: Anodized Aluminum

Max payload (sensors/tools): ~20 lb (may be higher depending on application and conditions)

Wheels:

Max Tractive Effort: 22.6 kg (50 lb) (terrain/application dependent)

Wheel diameter: 165 mm (6.45")

Wheel Magnets: N52 Rare earth magnets

Variable Speed: 12 m / min

Turn Radius: 0 m

Tether:

Tether Diameter: 5 mm (0.19")

Max Tether Length: 400 m (1312 ft)

Max Working Strength: 450 kg (1000 lb)

Tether Weight: Neutrally buoyant in water

Tether Construction: Polyurethane Outer Jacket with Embedded Light Weight Synthetic Fibers

Sensors:

Pitch (Degrees)

Roll (Degrees)

Compass Heading (360 degrees)

Auto-heading

Depth (m or ft)

Main Camera:

Fixed Forward

Color 1/3 Sony CCD

700 HD

0.001 lux (ultra-low light)

90° Range of View

Main LED Lights:

High Efficiency LED Flood

1200 lumens

Elevating Arm Aux Camera (Optional):

360° Manual Positioning

Fixed Forward

Color 1/3 Sony CCD

700 HD

0.001 lux (ultra-low light)

90° Field of View

Warranty:

1 year – Pars and Labor

*DT640 Utility Crawlers must have safety line when working overhead