

36 inch DW- Technical Specifications

DESIGN

Tool Attributes

Odometer Channels	2
Odometer Resolution	0.100 in (2.54 mm)
Data Storage	Flash Data Storage, expandable
Inertial Mapping	GIS/GPS Mapping & Geospatial Reporting

DATA SETS (# Sensors) OPERATIONAL

Caliper	36	Max. Pressure	1875 psi (12928 kPa)
Gyros	3	Temp. Range	32 to 170 °F (0 to 77 °C)
Accelerometers	3	Velocity	≈ 0.1 to 10 mph (0.04 to 4.5 m/s)
		Required Differential Pressure	5 to 20 psi (34 to 138 kPa)

IMU SPECIFICATIONS @ 3 to 8 mph (1.3 to 3.6 m/s) DIMENSIONS

	Gyros	Accelerometers	Length	65 in (1651 mm)
Latitude	±1 m, 1 σ	Additional information available upon request	Weight	974 lb (442 kg)
Longitude	±1 m, 1 σ		TOOL RANGE @ 3 mph (1.3 m/s)	
Elevation	±1 m, 1 σ		* Run Time	115 hours

PIPELINE GEOMETRY REQUIREMENTS

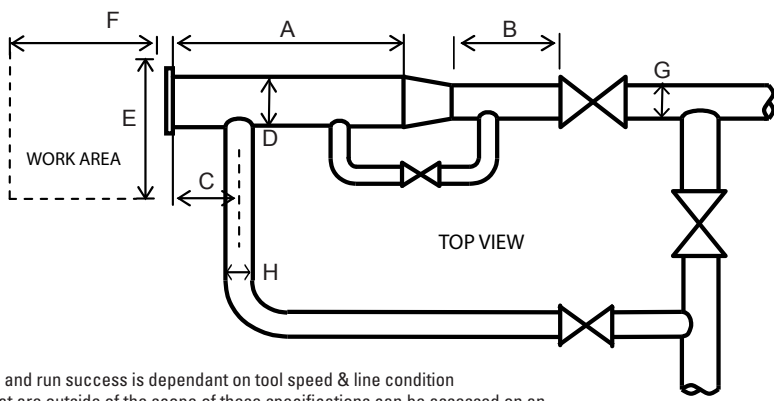
Minimum Local Bore	25% of pipe O.D.
Min. Bend Radius	1.5D
Min. Bend Separation	Capable of back to back bends

REPORTING in (mm)

Dent/Ovality Sizing	
Dent Depth Sizing	± 0.5% of Pipe O.D.
Dent Length Sizing	±10% of pipe O.D.
Ovality Depth Sizing	± 1% of Pipe O.D.

SUGGESTED MINIMUM TRAP DIMENSIONS in (mm)

Traps	A	B	C	D	E	F	G	H
Launcher	76 (1930)	32 (813)	18 (457)	38 (965)	84 (2134)	136 (3454)	36 (914)	10 (254)
Receiver	76 (1930)	76 (1930)	18 (457)	38 (965)	84 (2134)	136 (3454)	36 (914)	10 (254)



Bend Measurement	
Angle Accuracy	± 2 degrees
Location Accuracy	
Feature to Upstream Girth Weld	± 1.00 (25)
Feature to Upstream Marker	± 60.00 (1524)
Feature Orientation	± 15 degrees

Notes

- Notes:
- Data quality and run success is dependant on tool speed & line condition
 - Pipelines that are outside of the scope of these specifications can be assessed on an individual basis; please contact Enduro.
 - Tool design may vary from image above.

* Increased run time available with additional battery packs
Data is subject to change without notice | 36" DdL 0002-4B-26127 Rev 6 - 0002-19-20417 Rev 4

