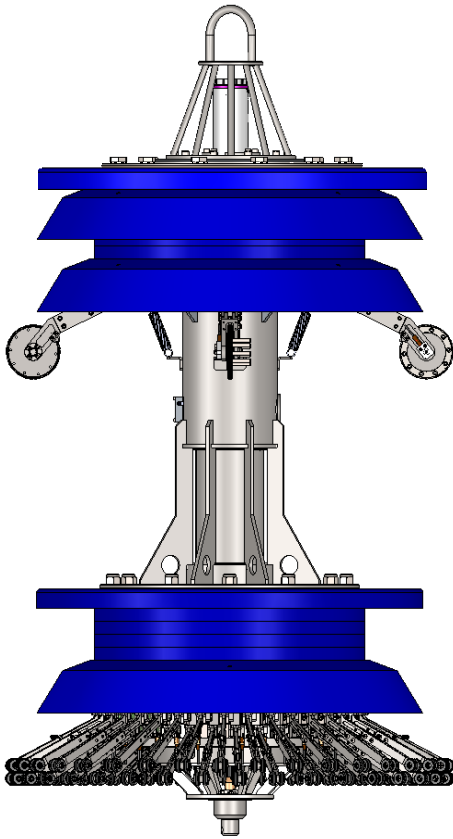


TOOL CONFIGURATION SHEET

40"CLP+IMU



General Specifications:

Length	1849 mm
Weight	685 kg
Minimum ID in Straight Line	840 mm (82.3 % OD)
Minimum ID in Bend / 3D	860 mm (84.3 % OD)
Launching Length	1600 mm
Receiving Length	650mm
XYZ GEO Mapping Unit	Optional

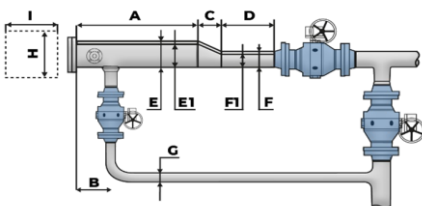
Pipeline Specifications:

Mechanical:

Pipeline Outside Diameter	1020 mm (40")
Maximum Pipeline Length	330 km
Wall Thickness Range	6.35 – 55 mm
Medium	Gas / Liquids
Nom. Tee/Barred or Unbarred	Both
Min distance between two tees	3060 mm
Min. Bore in Valve	840 mm
Max. % of H2S	2%
Min. distance between two bends	Nil

Operational:

Operating Temperature	-20 to 75°C
Operating Pressure	1.0 - 8.0 MPa (145 - 1160 psi)
Min. Operating Pressure in Gas	2.0 MPa (290 psi)
Tool Run Velocity	0.3 - 3m/s (0.67 - 6.7 mph)
Maximum Run Duration	123 Hours(with HG4930IMU)



	Launcher	Receiver	Circumferential Resolution	79.7 mm(36 CLP Arm)
A	1600 mm	500 mm		39.9 mm(72 CLP Arm)
B	500 mm	500 mm	Sampling Rate 1 ms	
C	609 mm	609 mm	Tool speed	Axial resolution
D	500 mm	650 mm	1m/s	1.00 mm
E	Pipeline OD+2"	Pipeline OD+2"	2m/s	2.00 mm
E1	Pipeline ID+2"	Pipeline ID+2"	3m/s	3.00 mm
F	Pipeline OD	Pipeline OD	Sampling Rate 2 ms	
F1	Pipeline ID	Pipeline ID	1m/s	2.00 mm
G			2m/s	4.00 mm
H & I			3m/s	6.00 mm