

Torque & Test Services Flow Loop Facility



Torque & Test Services

The RMSpumptools Torque and Test facility is located within our newly established 8,000ft workshop at the James Fisher site in Oldmeldrum where access for quick loading/unloading is maximised. Equipped with the latest machinery including a Fully Rotational Torque System, a suite of Test Bays, Flow Simulation Area and 10 ton capacity Overhead Crane, the facility has been developed to offer a fully integrated service to our customers.

The AMC Torque System is capable of handling the full range of casing/tubing sizes and is designed for make-up and break-out with both standard API and Premium threads. Complimented by dedicated VAM approved software, your assemblies and completion products are torqued to the highest accuracy. Our SoftJaw gripping mechanism ensures your products are kept in pristine condition throughout the torqueing process and our dedicated service provides a quick turnaround with value pricing.

Torque Services

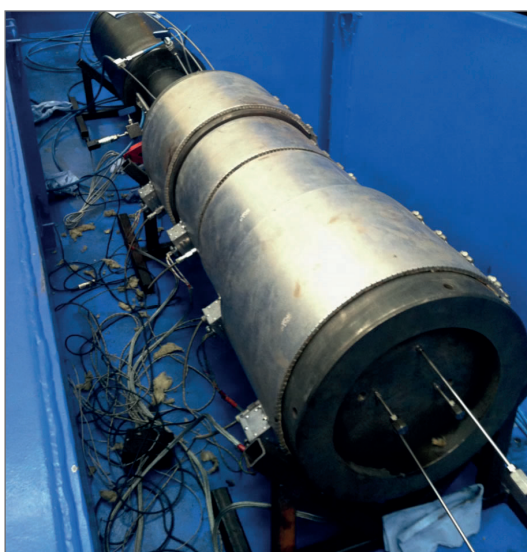


Performance Data	
Approximate Unit Length	19 ft
Approximate Unit Width	7 ft
Approximate Unit Height	8 ft
Approximate Unit Weight	8 Tonnes
Tubing/Casing Size	2-3/8" - 14"
Maximum Torque	60,000 ft lbs
Minimum Torque	1,000 ft lbs
Maximum Break Torque	60,000 ft lbs

Features

VAM approved Software
Offset Torque Capability
SoftJaw non-marking Hydraulic Rams

Test Services



Performance Data	
Maximum Assembly Length	50 ft
Maximum Fluid Pressure	22,500 psi
Maximum Gas Pressure	10,000 psi
Capabilities	V0 - V3
Maximum Temperature	250°C
Data Acquisition	6 Line
Maximum Tensile Load	1M lbs
Maximum Comparison Load	1M lbs

Features

Hydrostatic Testing
Gas Testing
Temperature Testing

Flow Loop Test Facility

Operated by our experienced team of engineers, the RMSpumptools in-house Flow Loop Test Facility simulates conditions you would experience in the field and is particularly useful for tools that need to be flow activated for either factory acceptance or product qualification.

Flow Loop



Pump Performance Data

Min Flow	1,000 bpd
Max Flow	40,000 bpd
Max Flow Pressure	200 psi
Low Pressure Pipe Work	3" or 4" ANSI
High Pressure Pipe Work	3.5" 9.2# API
Tool Connections	4.00" 4TPI Stub Acme
Max WP LP Pipe Work	200 psi
Max WP HP Pipe Work	5,000 psi
Min Flow ID	2.997"
Max RPM	2100 rpm
Max Power	113 hp
Transmission	Manual Clutch



Data Acquisition

6 line data acquisition consisting of:

- 4 x 0-10,000 psi transducers
- 1,000 - 40,000 bpd flow meter
- Temperature

