

Motorized pull tester

The DrivePullTester is a battery operated motorized pull tester used to prove the holding capacity of adhesion materials and hundreds of types and sizes of fasteners in roofing, construction, commercial, industrial, and other applications.

Specifically engineered for pull-out strength tests and nondestructive testing of foam, paint, welded, staked, threaded, epoxied and power-driven fasteners.



DrivePullTester

Performance choice for fastener and adhesion testing on the field

The DrivepullTester is available with 3 different capacities : 5kN, 10KN and 25KN. The speed is adjustable between 2 and 50 mm/min with an electronic display showing the travel. An easy to use electronic control panel with color touch screen displays the real time force and the peak force at the end of the test.

The DrivePullTester can be used with the included rechargeable batteries or directly on a 110V or 220V plug. The open frame design allows easy access to fixtures. Fixtures can be change easily using the quick release end system.

Name	Model Number	Capacity
DrivePullTester 5	EXT DRV 5	5 kN
DrivePullTester 10	EXT DRV 10	10 kN
DrivePullTester 25	EXT DRV 25	25 kN

Detailed view

Motor control panel to setup and control the DrivePullTester

Color touch screen for data acquisition. Display the force CURVE of your test

Two large HANDLES for moving easily the tester



OPEN FRAME : Easy access to the fixtures and samples



Benefits

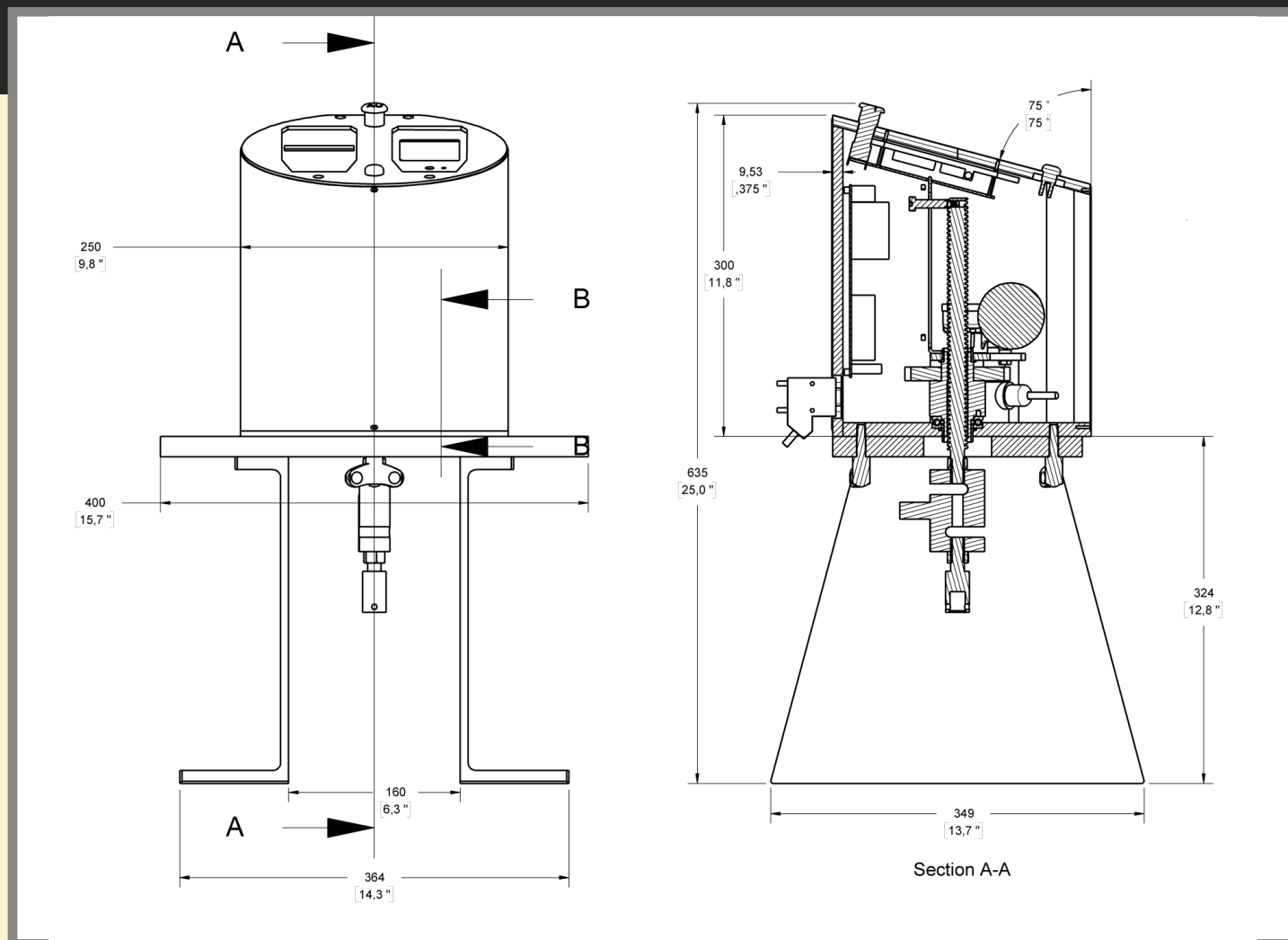
The DrivePullTester uses a strain gauge type load cell to measure the force which has features and benefits :

- High accuracy : 0.5% of the full scale
- Overload protection 150%
- Certificate of calibration with data traceable to COFRAC
- Load cell can be calibrated apart from the tester
- Plug and play load cell with SPIP technology

Technical specifications


Mechanical features	
Travel	125 mm
Travel resolution	0,01 mm
Travel accuracy	0,05 mm
Speed	2 to 50 mm/min
Speed resolution	1 mm/min
Speed accuracy	5%
Base opening	150 mm
Displacement features	
Stop on travel	Yes
Stop on force	Yes
Cycles	Yes
Automatic return	Yes


Force measurement features	
Accuracy	0.5% FS
Resolution	1/10,000
Sampling rate	1,000 Hz
Peak	Yes
Units	KN, daN, N, Lb, Kg
Dual display	Current value + Peak
Tare	Automatic and manual
Software features	
Mémory	1,000 results
Output	RS232
Auto-off	10s to 15 min
Computer controlled	Option



Accessories

We offer a wide ranges of discs, fixture, grips for the DrivePullTester to perform all types of tensile tests. You must purchase these accessories separetly.

	PN	Capacity	Max head size	Shank	Quick disconnect
	LFS0250	10 kN	15 mm	6 mm	Yes
	LF40437	10 kN	25 mm	11 mm	Yes
	LFN0469	10 kN	50 mm	12 mm	Yes
	LFS0450	20 kN	25 mm	12,5 mm	No

	PN	Diameter	Quantity	Comment
	ACC PK DISC 20	20 mm	10	Requires one FLS0250 to be used
	ACC PK DISC 50	50 mm	10	
	ACC PK DISC 100	100 mm	10	

Do you need a special part or fixture?

Contact us to talk with our engineers and find a solution; we will design and machine the parts for you.



Benefits

Most of our fixtures and accessories are equipped with a quick disconnect end. This attachement system allows you to change your fixture very easily and quickly.

A secured pin lock the fixture to perform your test safely without any risk of movement.

COM-TEN INDUSTRIES

6405 49th Street North

Pinellas Park, Florida, 33781 USA

sales@com-ten.com

Tel : 00 1 727-520-1200

www.pull-test.com