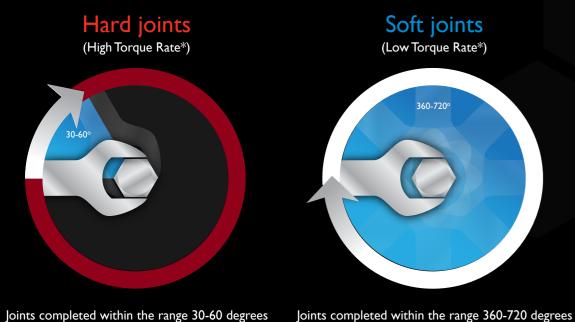
EVERY JOINT IS DIFFERENT. EVOTORQUE'S INTELLIGENT JOINT SENSING TECHNOLOGY ALWAYS DETECTS WHICH TYPE OF BOLT YOU ARE WORKING WITH.

Traditional electronic torque tools give vastly different results depending on the joint type. Norbar's intelligent joint sensing eliminates these issues so that you can be confident in your bolting work.

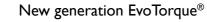


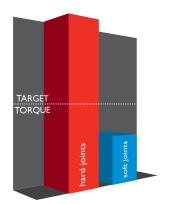
*High torque rate and low torque rate as defined by ISO5393 "Rotary tools for threaded fasteners - Performance test method"

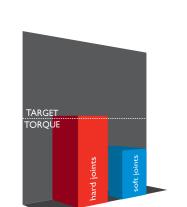


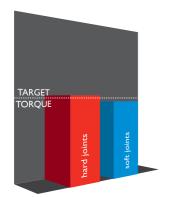


Best of present generation











فکس : ۸۸۸۹۱۶۳۸

GLOBAL SERVICE

Norbar is the only torque equipment manufacturer capable of offering tool and instrument recalibration services to the original factory standard on four continents. Our accredited laboratories in Australia, USA and Singapore operate the same equipment and procedures as the UKAS accredited laboratory within our headquarters in the UK. A further Norbar laboratory is in operation in China and our laboratory in India opens in 2014.

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Perfect Technical Solutions تامين صنعت يارلاتك (سهام خاص)

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NEW



EVOTORQUE® ELECTRONIC TORQUE TOOL WITH INTELLIGENT JOINT SENSING TECHNOLOGY



NORBAR HAVE UTILISED PATENT PENDING MOTOR TECHNOLOGY AND MOTOR CONTROL SOFTWARE TO PRODUCE THE MOST ACCURATE, **ROBUST AND USER FRIENDLY ELECTRONIC** TORQUE TOOL EVER

Norbar's ElectronicTorque Tool utilises patent pending motor technology and control software to give unprecedented joint control.

> Thermal stability Cooling fan reduces operating downtime

Backlit LCD display ensures visibility in all conditions Key Lock feature

prevents unauthorised usage

KEY FEATURES

Accuracy: Each tool is factory calibrated to $\pm 3\%$

Durable Peli case

for safe storage

Clear-Go/No-Go Joint Completion Feature: Clear indication of successful joint application. Operator can confidently interpret the tool, making it safer to use

Quietness & Low Vibration: Third party verified sound power (Lwa) of 72.3 dB (A) and vibration level of 0.304 m/s²

Patent Pending Motor Technology and Motor Control Software: Gives unprecedented joint control

Modular Construction: Less downtime in case of maintenance

Dual Units of Torque Measurement: Torque can be set in N·m or lbf·ft

Temperature Independent Motor: The motor will continue to deliver correct torque regardless of temperature changes unlike permanent magnet motors

Angle Control: EvoTorque allows precise angle $(\pm 2^{\circ})$ to be applied. Every tool is calibrated for angle and the results are included on the certificate of calibration

Regenerating Braking Technology: Kinetic braking to avoid overshoot on hard joints

Made in England: Designed and manufactured in the UK

Tried and tested gearbox Low maintenance reliable, proven over

more than a decade on

the Pneumatic Torque

Multiplier platform

Easily removable

secondary handle

balanced handling of

The EvoTorque tool performs to IP44 Please refer to the table on the top right hand page for

an explanation of IP ratings.

On-board control box making the tool more portable and convenient CALIBRATION CERTIFICATE

Certificate of Calibr

Every tool is individually calibrated and is provided with a unique calibration certificate. This means that every EvoTorque is traceable to international standards via Norbar's UKAS accredited laboratory and therefore provides a seamless link with your internal quality systems.

and serial numbe

2 Torque calibratio

3 Angle calibration data

4 Details of the tes

calibration certifie

traceability to ou UKAS accredited laboratory and hence to

number.This

Standards.

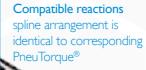
Norbar Torque Tools Ltd

IP RATINGS EXPLAINED

The first digit indicates the level of protection that the enclosure provides against access to hazardous parts (e.g., electrical conductors, moving parts) and the ingress of solid foreign objects.

The second digit indicates the level of protection that the enclosure provides against harmful ingress of water.

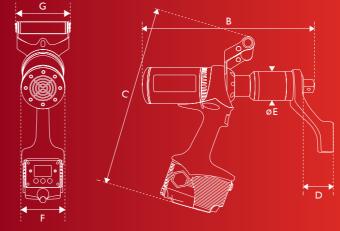
IP44													
		SOLID PARTICLE PROTECTION	LIQUID INGRESS PROTECTION										
L	Level	Object size protected against	Level	Object size protected against									
	0	No protection	0	No protection									
	T	>50mm	I	Dripping water									
	2	>12.5mm	2	Dripping water when tilted up to 15°									
	3	>2.5mm	3	Spraying water									
	4	>1mm	4	Splashing of water									
	5	Dust protected	5	Water jets									
	6	Dust tight	6	Powerful water jets									
			7	Immersion up to 1m									
			8	Immersion beyond 1 m									



due to brushless motor



TECHNICAL SPECIFICATION





MODE	MODEL		ET-72- 1000-230	ET-72- 1350-110	ET-72- I 350-230	ET-72- 2000-110	ET-72- 2000-230	ET-92- 4000-110	ET-92- 4000-230	ET-119- 6000-110	ET-119- 6000-230
Voltage		110	230	110	230	110	230	110	230	110	230
Part Nu	mber	18165.B06	18151.BO6	18166.B06	18152.B06	18167.B08	18153.B08	18169.B08	18155.B08	18171.B12	18157.B12
Square	Drive	3/4''	3/4"	3/4"	3/4"						
Dener	N∙m	200-1000	200-1000	270-1350	270-1350	400-2000	400-2000	800-4000	800-4000	1200-6000	1200-6000
Range	lbf∙ft	147-738	147-738	200-1000	200-1000	295-1475	295-1475	590-2950	590-2950	885-4500	885-4500
Speed r	pm	21	21	17	17	11	11			3.3	3.3
Tool	kg	10.4	10.4	10.4	10.4	10.8	10.8	12.9	12.9	16.8	16.8
Weight	lb	22.9	22.9	22.9	22.9	23.8	23.8	28.4	28.4	37	37
Reaction	n kg	0.7	0.7	0.7	0.7	0.7	0.7	1.3	1.3	2.1	
Weight	lb	1.5	1.5	1.5	1.5	1.5	1.5	2.9	2.9	4.6	4.6
B (mm)		390	390	390	390	425	425	450	450	480	480
C (mm)		435	435	435	435	435	435	435	435	435	435
D (mm)		75	75	75	75	75	75	98.5	98.5	127	127
E (ø mn	ı)	72	72	72	72	72	72	92	92	119	119
F (mm)		100	100	100	100	100	100	100	100	115	115
G (mm)		135.5	135.5	135.5	135.5	135.5	135.5	135.5	135.5	135.5	135.5