

TORQUE HUB

NEW



UNIForce DISTRIBUTION

MEASURE

- ✓ TORQUE
- ✓ INCLINATION



ACCURATE & EASY TO USE

- 99%+ Accurate Torque Measurement
- In-cab touch 7in screen display

EXPORT DATA LOGGING RECORDS

- Torque, pile depth, angle, date, time & more
- Additional user-defined export fields

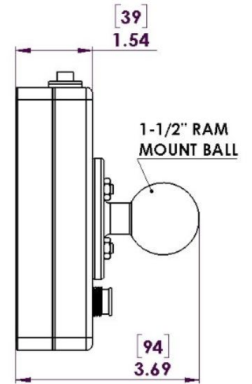
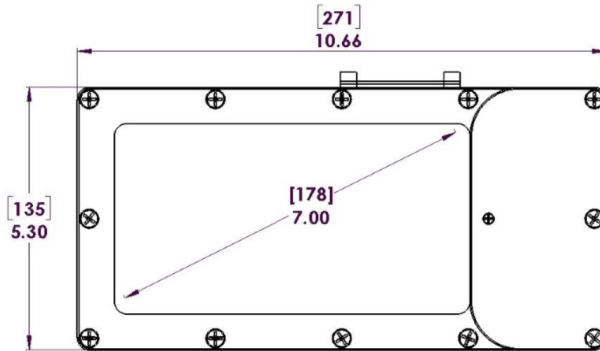
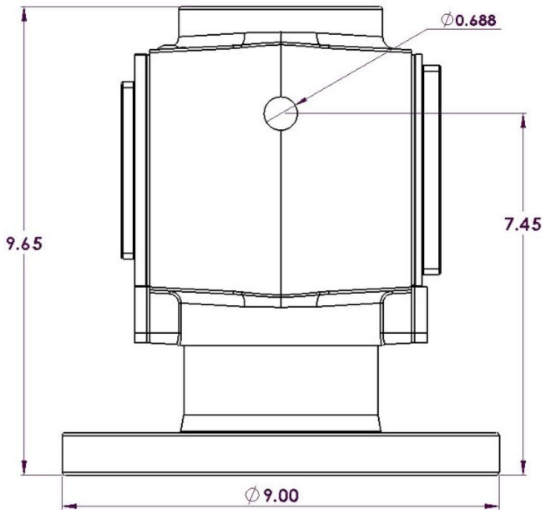
SIMPLE INSTALLATION

- Replaces Kelly Bar adaptor or mounts directly onto the drive shaft (up to 3in Hex)
- Wireless in-cab display
- Superior design & engineered for tough conditions



TORQUE HUB

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All Torque Hubs are offered double-drilled to accommodate either the 5-1/4" or 7-5/8" bolt circle on the same hub. Torque ratings remain limited by bolt capacity (10,000 or 15,000 ft/lbs).

TORQUE HUB SPECIFICATIONS

Rated Output (R.O.)	2 mV/V nominal
Nonlinearity	0.1% of R.O.
Hysteresis	0.1% of R.O.
Nonrepeatability	0.05% of R.O.
Zero Balance	0.1% of R.O.
Compensated Temp. Range	60° to 160°F
Safe Temp. Range	-65° to 200°F
Temp. Effect on Output	0.005% of Load/°F
Temp. Effect on Zero	0.005% of R.O./°F
Terminal Resistance	350 ohms nominal
Excitation Voltage	5 VDC
Safe Overload	150% of R.O.

7" Windows OS Tablet embedded in a rugged ABS casing. Designed to IP67 ingress protection.

Circuit boards, firmware and software are all designed specific for the application. Fully potted, sealed, gasketed, and cushioned to ensure maximum protection and long life.



Available with 2", 2-1/2", 2-5/8", and 3" Hex input shafts.

Available with 5-1/4" and 7-5/8" bolt circle flange types.



SHAFT TYPE / TORQUE SPECIFICATIONS

SHAFT TYPE	TORQUE RATING
2in Hex	10,000 ft-lb (5-1/4" BC)
	20,000 ft-lb (7-5/8" BC)
2-1/2in Hex	10,000 ft-lb (5-1/4" BC)
	20,000 ft-lb (7-5/8" BC)
2-5/8in Hex	10,000 ft-lb (5-1/4" BC)
	20,000 ft-lb (7-5/8" BC)
3in Hex	10,000 ft-lb (5-1/4" BC)
	20,000 ft-lb (7-5/8" BC)

The heart of the Digga Torque Hub is in the PCB which contains a microprocessor which converts the analog strain gauge input into a digital signal which is transmitted over a robust 2.4 GHz RF signal.