

# AcraDyne Angle, Inline, Pistol Grip, and Tubenut Nutrunners

## AcraDyne Ti Series Nutrunners Are Engineered For Performance And Long Life

AcraDyne's factory uses advanced material of titanium and magnesium, combined with an innovative transducer.

### LIGHT WEIGHT

Titanium components and a magnesium alloy housing provide very light weight and strength.

- For example -- our 40 Nm tool only weights 2.6 lbs
- Compare this to 3.7 - 5.0 lbs for our competitors' 40 Nm tool

*Whose tool would you want to hold all day?*

### RELIABLE

With advanced engineering standards, we've designed our tool to be simple to own and repair.

- AcraDyne tools have less than 50 parts in the entire assembly. Our competitors have between 110 - 140 parts per tool
- Five small screws and two pins make disassembly and reassembly a breeze. No splines to rattle, threads to loosen or flats to round off.
- Full bearing support is supplied on all rotating assemblies for longer life. No bushings or needles to chase
- Solid on-piece gear carrier for maximum capacity and strength



*Whose tool would you rather maintain?*

### VERSATILE

- Three position light-ring is fully programmable for direction control, auxiliary operation, and light color for visual annunciation
- Angle head can be rotated to any 90 degree position for operator comfort



### ERGONOMIC

SOFTStop cushions the reaction felt by the operator by electronically absorbing the reaction impulse.

### LESS MOVING PARTS

- Our throttle has no moving parts to wear out. A simple magnet activates the solid-state circuit to signal the 'Start' command
- The one-piece light ring uses a similar magnet to signal proper tool operation

*Whose tool do you think will last longer?*

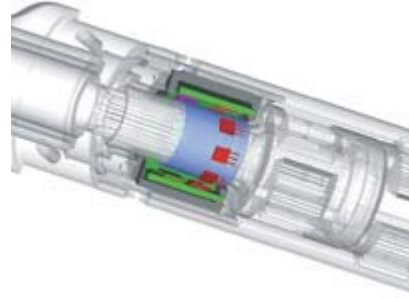
### FAST CYCLE TIMES

Our 60 Nm tool can speed along at 1075 rpm, while most competitors lag behind from 390 - 600 rpm.

*Who want to wait that long?*

### **NON-CONTACTING TRANSDUCER**

Our innovative transducer utilizes a permanent magnet bonded to the gear carrier. By detecting changes in the magnetic field under load, our sensors determine the torque. This transducer position also provides the closest location possible to your application for best torque measurement and control.



*Whose tool is more advanced?*

### **SMART**

- Each tool's Smart ID board contains vital data to operate and protect the tool
- Provides Plug-n-Play functionality to the controller and prevents tool from operating outside its safe range
- The tubenut safety function is burned onto the Smart ID board to help prevent accidents or injury