

# Handy 2000

## Electric Handheld Nutrunner



- Sustainability in manufacturing- power consumption 1/20 in comparison to pneumatic tools
- The lightweight and high-speed motor improves workability and productivity
- Patented pulse technology reduces reaction during fastening while maintaining high torque accuracy
- Global service centers to ensure customer satisfaction

→ Fives Cinetic, at the core of innovation



Engineering and manufacturing custom assembly and test solutions for over 40 years

*The high level fastening quality required for critical areas is achieved with the advanced measuring capability and controlling performance of the Handy 2000*

## Electric Handheld Nutrunner (Handy 2000)

*High Quality, Environmentally Friendly and Ergonomically designed*

### Quality

- Excellent Fastening accuracy of  $3\sigma/X=\pm 3\%$
- Complies with ISO5395
- The required torque values are read at 1/2000 of a second to control the subsequent fastening force (electric current).

### Energy Saving

- Consumes 1/20 the energy in comparison to compressed air powered pneumatic nutrunners.
- Handy 2000 does not generate oil mist or noise as generated by pneumatic nutrunners, therefore provides a clean and quiet working environment.
- Conforms to the RoHS directive - does not contain lead.

### Ergonomic Design

- With the patented pulse technology the reaction generated during fastening with an electric handheld tool is reduced.
- Ergonomically suited grip.

### Advanced tool functions support usability, accuracy and durability during fastening

- High-intensity LED lamps
- Start and forward reverse selection switch
- Protection handle
- Inner shell connector
- Angle/rotation speed sensor
- Torque sensor
- Intelligent ID
- Reduction gear



#### ▶ Straight Tool

- Involute spline allows various applications including multiple spindle configuration and mounting on an assisting arm
- Torque range: 1-420 N•m

#### ▶ Angle Tool

- Titanium alloy angle head features light weight and high tensile which reduces the operator's load during fastening and provides high durability
- Torque range: 4-600 N•m

#### ▶ Pistol Tool

- Optional involute spline
- Rail Guide
- Compact with high speed exceeding 1000rpm
- Indicator window
- Torque range: 1-120 N•m

### Additional Advantages:

#### Customization Options

#### Socket Trays

Multi Spindle	4 position or 8 position models
Assisting Arm	Sends inputs to the PLC
Socket Changer	Error-Proofs manual operations
Ball Plunger	LED indicators guide the operator
Crow Foot Gear	
Flush Socket	