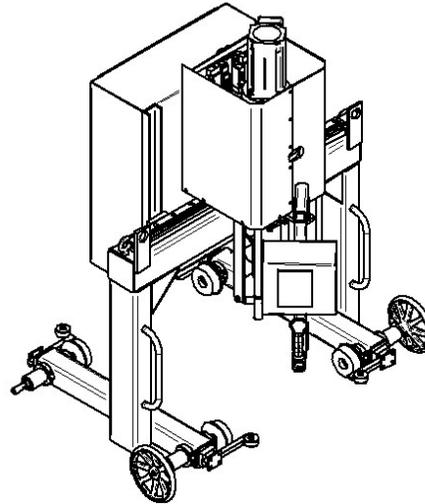


MT10000 Torque Wrench – Specifications



MAIN FEATURES

| | |
|--------------------------|--|
| Drive Motor | 4.48KW AC Brushless Servo Motor |
| Maximum Torque Rating | 10,000 lb-ft (13,558 nm) |
| Maximum Spindle Speed | 241 RPM |
| Reduction Units | Planetary gear type |
| Standard Mode | Allows rapid run-down and removal of bolts at optimum rotational speed |
| Torque Mode | Forces the wrench to operate in maximum torque mode |
| Final Torque | Tightens bolt to operator-specified torque |
| Torque-Turn | Tightens bolt to pre-torque setting and then turns bolt to an operator-specified after-torque angle to meet OEM specifications |
| After-Torque Turn Angles | 60°, 90°, 120°, 150° & 180° |
| Operator Controls | Pistol grip and HMI digital display |

DIMENSIONS & WEIGHT

| | | | |
|--------------|--------------------|-------------|--------------------|
| Weight | 1150 lbs (522 kg) | Width | 52 inches (0,66 m) |
| Length | 39 inches (1,98 m) | Height | 74 inches (1,65 m) |

SOCKET DRIVE

- 1 1/2" (38.1 mm) Square Drive
- Impact-rated Sockets and Adapters in all popular sizes are available from WTC Machinery, LLC.

COMPRESSED AIR SUPPLY

80 to 120 psi (5,5 to 8,3 Bar) 1.0 ft³/min (0,03 m³/min)

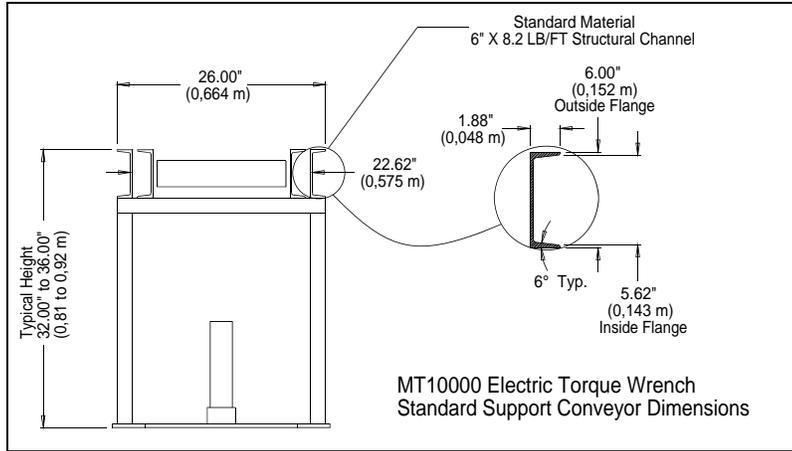
GEARBOX OIL REQUIREMENTS: (NOTE: Unit is shipped without oil)

Do not operate until both of the drive gearboxes have been filled with oil!
 Upper Gearbox (Reggianna Riduttori): 14.9 Fluid oz. (0.44l)
 Lower Gearbox (Auburn Final Drive) : 24 Fluid oz. (0.7l)

Use API GL-5 extreme pressure lubricant, 80W-90 viscosity.

CARRIAGE DIMENSIONS

The standard model MT10000 is sized to fit WTC heavy-duty conveyor systems (shown below.) Please contact WTC Machinery for assistance when adding the MT10000 Torque Wrench to an existing conveyor with different dimensions than below.



All electrical connections must be made in accordance with local or national codes and ordinances!

ELECTRICAL SUPPLY

19.0 kW Three-Phase

Standard Voltages:

| 50 Hz | 60 Hz |
|-----------------|----------------|
| 415 V / 26.25 A | 460 V / 25.0 A |
| 380 V / 52.50 A | 230 V / 50.0 A |
| 220 V / 57.96 A | 208 V / 55.2 A |

CABLE CARRIER SYSTEM

The MT10000 Torque Wrench is supplied with a 50 foot (15,2 meter) long main power supply cable and Cable Carrier System. The Cable Carrier System allows the power cable to move with the Torque Wrench, and also supports the customer-supplied compressed air supply line.

The Cable Carrier System is generally located above and to one side of the conveyor system. Please contact WTC Machinery for suggestions on location, or if adding the MT10000 to an existing conveyor system longer than 50 feet.

STEP-UP TRANSFORMER

The MT10000 requires 460 Volt three-phase electrical supply. Step-up transformers are provided for customers with an electrical supply other than 460 Volts. These are usually located on a wall or other support structure near the end of the Cable Carrier System. Please contact WTC Machinery for exact weights and dimensions, and for help with locating the step-up transformer.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE