

## MANITEX TC50155E ELECTRIC CRANE SYSTEM.



Rush Crane Systems provides the country's only integrated solution for all of your crane needs. As a premier distributor of Manitex crane systems, we're excited to bring the first-of-its-kind electric crane option to our customers. Ideal for oil field and applications where local power is available, the TC50155E is mounted on a Peterbilt Model 567 and offers the capacity to get the job done.

We are committed to helping customers make the best decisions for their business, their carbon reduction goals and their total cost of ownership goals. All of our crane trucks are supported by a network of more than 140 Rush Truck Centers across the country to meet all of your parts and service needs.

### MANITEX TC50155E ELECTRIC CRANE SYSTEM

#### MOUNTED ON A PETERBILT MODEL 567

#### 50-TON CAPACITY AT 6' RADIUS

#### FULL POWERED PROPORTIONAL BOOM EXTENSION

- 4-Section 128' (39m)
- 5-Section 155' (47.2m)
- Personnel basket rated

#### JIB OPTIONS

- 2-piece 32'-49' (9.7-14.9m) 128' Boom
- 1-piece 39' (11.8m) 155' Boom
- 0-15-30° offsets
- Personnel basket ready

#### MAXIMUM TIP HEIGHT (OPTIONAL JIBS)

- 185' (56.3m) 128' Boom
- 204' (62.1m) 155' Boom

#### ALUMINUM PLATFORMS

- 102" (2.6m) width 5-position aluminum access ladder and steel telescopic ladders under cab

#### OUTRIGGERS: OUT & DOWN STYLE

- Front & rear; out & down 2-stage
- 23'3" (7.1m) - Full 100%
- 15.4' (4.7m) - Mid 50%
- 7'3" (2.2m) - Retracted
- Radio operated handheld remote for outriggers, winch stow and FBS setup

#### PLC CRANE CONTROLLER-CANBUS

- Integrated crane and chassis telematics
- Electronic hand and foot controls
- 2-Dual axis or 4-Single axis controls

> **CONTACT YOUR LOCAL CRANE SPECIALIST FOR MORE INFORMATION.**

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expect more.

**Q-SCALE D3 LOAD MOMENT INDICATOR**

- Integrated crane and chassis telematics
- Full color graphics display

**DELUXE CAB**

- Inclines 20°
- Remote mounted self-contained HVAC system
- Heated seat
- AM/FM Weather band Bluetooth radio (Optional)
- Video camera (1 or 2 Option)
- Integrated modem and USB ports for software updates and phone charger

**TWO-SPEED HOIST**

- Grooved drum for increased rope life
- Negative draft angle flanges prevent stacking
- 3rd Wrap limiter winch roller
- HDRI - Hoist drum rotation indicator
- 12,230 lb. Line pull rating

**SWING GEAR DRIVE SYSTEM**

- Free and Non-Free swing selection
- Hi-Torque drive system

**HYDRAULICS**

- Variable displacement piston pump
- Hydraulic reservoir with strainer & ball valve
- Heavy-duty reservoir
- Dedicated gear pump-swing function

**OPTIONS**

- External LMI utilization light
- Boom and perimeter lighting
- 4-Function radio remotes
- 1,200 lb. (544.3 kg.) Capacity personnel basket
- A92.2 Aerial work platform rating
- Boom line rollers
- Auxiliary hoist
- Wireless wind speed indicator

**IDEAL FOR OIL FIELD AND APPLICATIONS WHERE LOCAL POWER IS AVAILABLE.****POWER UNIT**

- 480-volt 100-AMP electric motor
- Soft start motor control
- 480v-Quick disconnect receptacle
- Power indicator light
- Motor run light
- Fault light
- E-Stop
- 12-Volt battery charger

**CONTROLS**

- Remote pendant control key pad with quick disconnect
- Push button start and stop
- Fault reset
- Wireless control (Optional)

**HYDRAULIC SYSTEM FEATURES**

- Variable displacement piston pump
- Dedicated gear pump-swing function

**MACHINERY SKID**

- Top Center lifting eye for easy installation
- Fully enclosed removable machinery guard
- Designed to mount on fixed pegs with pins – eliminating loose gear

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