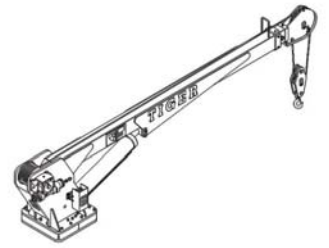




TIGER CRANES

877 1st. Ave. NW
Sioux Center, IA 51250

Toll Free: 800.225.8789 • Fax: 712.722.3706



www.tigercranes.com

A Division of Service Trucks International

Tiger Model 8051 Crane Specifications

General Specifications

- 50,000 ft/lb. Crane Rating
- 21' Reach
- 8600 lb Lift Capacity
- 12-21' Hydraulic Boom Extension
- 23' Lifting Height (from base of crane)
- 36" Storage Height (from base of crane)
- 159" Overall Storage Length
- 1750 lbs. Operating Weight
- 20" X 25" Mounting Space Required (for base of crane)
- 6 Bolt Pattern (for base of crane)
- Powder Coated Base, Turret Shield and Inner Boom, with PPG Delfleet Polyurethane paint on remainder of components
- Std Wireless Proportional Control with optional engine start and throttle control
- Standard overload protection with overload condition indicator light
- Standard Anti two Block protection with condition indicator light

System Characteristics

- 8 GPM @ 2700 PSI Hydraulic Supply Requirements
- Open Centered, Full Pressure Hydraulic System
- Integrated 9 micron absolute filtration with bypass condition indicator light
- Full proportional input with Auto II Speed Load Sensing Control reduces all function speeds when load is sensed
- 400 Degrees Rotation
- 12 VDC DO3 10 GPM Solenoids With Manual Override
- -5 Degrees to +75 Degrees Boom Elevation Positions
- ? Seconds, Operator Adjustable Boom Elevation Speed
- ? Seconds Boom Extension Speed
- 1 RPM Rotation Speed

Winch Characteristics

- Hydraulic Planetary Axial Piston Motor Winch
- 3/8" X 120' Winch Cable
- 70 FPM Single Line No Load Speed

Minimum Chassis/Power Requirements

- 19,000 lbs. GVW Rating
- 162" Wheelbase
- 84" Cab to Axle
- PTO/Pump Produce 8 GPM @ 2700 PSI
- OR-1 or OR-2 Medium Duty or Equivalent Outrigger Recommendation

Notes

- Consult Your Truck Dealer for Specific Payloads and Axle Rating Information Prior to Installation
- Lift and Extension Cylinders are Equipped with Counterbalance Safety Valves