



Stellar® CDT™ (Crane Dynamics Technology™) is a proprietary collection of revolutionary, industry first features that control, power, and monitor Stellar® cranes. Models range from a 3,200-pound (11,500 ft-lb) capacity up to a 5,000-pound (29,500 ft-lb) capacity. The Stellar CDT is a combination of a handheld integral capacity alert communication system, a crane boosting feature, and the ability to function in safe mode. Other Stellar crane features continue to include all hydraulic extensions up to 21-feet, hexagonal boom design, a planetary winch with line speeds up to 60-feet per minute, and a radio remote control as standard. Utilizing over molded rubber on the edges and hand grip, this transmitter offers ultimate protection for the heavy use demands of our customers.

Compact Handheld Controller

The Stellar CDT equipped line of cranes offer the most compact wireless radio controller in the industry. The controller has all the crane functions operated by toggle switches and a proportional control trigger. It also includes an engine start/stop button, a compressor start/stop button, and an emergency stop button. The compactness of the controller allows for easy single-hand operation, flexibility to the operator to position themselves in an ideal operating position, and a heavy-duty magnet to place the controller in a convenient location when not in use.

Handheld Capacity Alert

Stellar CDT equipped cranes are the first in the mechanics crane market to offer integral capacity alert into the handheld controller displayed on an LCD screen. This system alerts the operator of increasing loads before they encounter maximum capacity. This alert is performed by visual and sensory indicators built into the Stellar handheld controller. In addition to the LCD notifications, the cyclical vibration increases frequency in the handheld controller to ensure the operator is aware of the approaching maximum capacity.

Crane Boost System

The crane boost system on Stellar CDT equipped cranes is also an industry first. Through the use of proprietary technology, this new system allows operators who encounter a maximum capacity situation to productively operate by effectively increasing crane capacity to nearly 118% of its normal operating mode for a short period of time. (Boost Mode not available on all crane models).

Enhanced Safety System

Stellar CDT equipped cranes feature an enhanced safety system. If a device intended to monitor the capacity of the crane operates incorrectly, the crane will put itself into safe mode. Safe mode will allow the operator to work with the crane at a reduced speed until the safety device is in proper working order. The crane will also communicate to the operator if an overload safety device fault is detected.



Our People. Our Products.

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