

Press Release



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New line of Stellar® Cranes Controlled by CDT™

Summary: Stellar Industries, Inc., based in Garner, Iowa, is introducing a new line of telescopic service cranes equipped with Crane Dynamics Technology™ (CDT™). Stellar® CDT™ is a proprietary collection of revolutionary, industry first features that control, power, and monitor the new cranes. Models range from a 6,000-pound capacity up to a 14,000-pound capacity. The Stellar CDT equipped cranes will engage and communicate with the crane operator by using multiple sensory indicators when approaching maximum capacity. This will include the use of colored LED lights and pulsating vibrations. The Stellar CDT control system will also allow the operator to go into a boost mode and operate at nearly 120% of its normal operating capacity for a short period of time. The third revolutionary feature of the new Stellar cranes is the ability to function in safety mode when a safety feature is damaged or malfunctions. Other Stellar crane features continue to include all hydraulic extensions up to 28-feet, hexagonal boom design, a planetary winch with line speeds up to 60-feet per minute, and a radio remote control as standard.

Garner, Iowa – Stellar Industries, Inc. is introducing the new line of Crane Dynamics Technology™ (CDT™) equipped telescopic service cranes at the ICUEE (International Construction and Utility Equipment Expo) tradeshow in Louisville, KY October 6-8, 2009 in booth N1012.

Stellar® CDT™ is a proprietary collection of revolutionary, industry first features that control, power, and monitor the new cranes. Models range from a 6,000-pound (38,000 ft-lb) capacity up to a 14,000-pound (70,000 ft-lb) capacity. There are three main features of the Stellar CDT equipped cranes; a two-way communications and feedback feature, the crane boosting feature, and the enhanced safety-monitoring feature.

The two-way communications and feedback feature is first in the mechanics crane market to offer integral capacity alert incorporated into the handheld controller. The system will indicate to the operator when the load being maneuvered is increasing the load moment of the crane. Indications are by visual and sensory signals built into the Stellar handheld controller using color-coded LED lights and varying cyclical vibrations. When approaching an overload situation LED

lights on the handheld control will indicate yellow for 80% capacity, red for 90% capacity and flashing lights for 100% of rated capacity. In addition, the cyclical vibration increases frequency in the handheld controller to insure the operator is aware of the approaching overload when keeping an eye on the load is critical.

The crane boost mode is the most revolutionary feature available on the market today. Through the use of proprietary technology, this new system allows operators who encounter an overload situation to productively operate through that overload situation by increasing crane capacity to nearly 120% of its normal operating capacity for a short period of time. This is achieved by simply pressing a button on the handheld controller. This allows an operator to finish the lift or get out of an overload situation, thus increasing productivity. After a short period of time, the crane returns to normal mode.

The other new feature of the Stellar CDT equipped cranes is the enhanced safety system. If a capacity monitoring device fails to operate correctly the crane will enter the safe mode. The safe mode will allow the operation of the crane at a reduced speed until the safety device is repaired, replaced or returned to proper working order. The crane will also indicate the overload device fault to the operator via diagnostic lights located on the Stellar CDT crane.

Other features of the Stellar CDT equipped crane line continue to include the industry leading hexagonal boom design for added strength and stability, the planetary winch system with speeds up to 60 foot/minute, all hydraulically operated extensions with reach up to 28-feet, and a fully proportional radio remote control system.

"Stellar continues to be the market's innovation leader by listening to our customers and truly understanding how they need to use our equipment," says Tim Davison, Stellar Industries Product Manager. "We've consistently implemented new designs and technology that lead the industry," he continues, "and these features we're introducing with the Stellar CDT equipped cranes will change the way the industry operates. By having the ability of knowing the weight of a load and boosting crane capacity to nearly 120% of normal operating capacity without compromising the equipment is a huge step in increased productivity." Davison concludes, "Stellar was an innovator when we entered this market, and we are committed to continuing that innovation now and in the future."

Stellar Industries, Inc. was founded in 1990. It is an employee owned and operated manufacturer of hydraulic truck mounted equipment located in North Iowa. Products include hooklifts, cable hoists, container carriers, tarping systems, telescopic cranes, articulating cranes, and the X-Tra-Lift, as well as complete mechanic service truck packages, and tire service truck packages. Stellar is a progressive company that focuses on its people, as they are the key to making the products and the company successful.

For more information regarding Stellar Industries, Inc., visit www.stellarindustries.com, or call 800-321-3741.

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