



TEREX®

News Release

FOR IMMEDIATE RELEASE

Contact Information:

Becki Dale

Marketing

Phone: 605.882.5525

Email: Becki.Dale@terex.com

Terex® Launches Latest Enhancement in the Hi-Ranger™ Distribution Aerial Device Product Line – the Optima™ Series at ICUEE

Watertown, S.D. (October 3, 2017) – Terex Utilities will debut the Optima Series of enhanced aerial devices used for construction and maintenance of distribution lines at the International Construction & Utility Equipment Expo (ICUEE), Oct. 3-5, in Louisville, Ky. The new Optima™ TC, TCX, HR, and HRX Series feature product enhancements in the heart of the Hi-Ranger™ aerial device product line.

“Performance, productivity, and safety are among the top concerns of electric utility customers,” said Joe Caywood, Director of Marketing. “Terex Utilities has responded to customer requests time and again in an effort to provide continuous improvement of our products that are rooted in these three areas of focus.”

“Optima is built on the strong foundation of Hi-Ranger, designed to provide greater reliability, efficiency and simplified operation and maintenance,” said Joe Caywood, Director of Marketing. Product improvements include greater payload capacity, better boom speeds, enhanced side reach and ground access, as well as features that improve maintenance access and reliability on the Optima Hi-Ranger aerials.

Operation

“When it comes to payload capacity, operators always want more. Crews want to carry as much gear and equipment on their trucks as possible,” said Ted Barron, Vertical Market Product Manager. By using higher strength steel to reduce overall vehicle weight, Optima TCX and HRX now offer up to 1,000 pounds more vehicle payload capacity, depending on specific configuration and stability requirements.

Improved boom speeds and responsiveness have been accomplished by redesigning the hydraulic circuit and optimizing the hydraulic cylinders.

An expanded working range optimizes capacity and supports improved ground access. “The lower ground access makes it easier for operators to hand off tools to ground personnel, clean out debris in the bucket and is useful in operator recovery situations,” said Caywood.

Optima TC and HR models boast three feet more side reach. A visual indicator light shows the operator when the boom moves into the extended reach area of the working range. The addition of the optional Load Alert system further enhances safe work practices by monitoring the truck’s jib and basket capacity.

In addition, all Optima aerial devices now have 700-pound platform capacity as standard. Optional 800-pound capacity platforms are available on the Optima TCX and HRX models. An optional two single man 24 x 30-inch platform is available with capacity of 700 pounds (350 lbs. for each bucket).

Maintenance

Over the life of the aerial device, simplified maintenance increases uptime for fleet managers and improves operation. The leveling chain now has extended life of 10 years before replacement (based on typical utility usage). At five years the inspection does not require the chain to be removed. A new pedestal design on all Optima models provides technicians easier access to torque lower rotation bearing bolts, which are now accessible on the outside of the pedestal. Plus all hydraulic fittings located above the boom rotation are sealed with O-rings, reducing leaks. Finally, all Optima aerial devices feature powder-coated finishes for longer life. “All of this adds up to less downtime and less cost for servicing the aerial device, which lowers the total cost of ownership,” said Caywood.

Specifications

Optima TC and TCX Series, Non-Overcenter Material Handling Aerial Devices

OPTIMA MODEL	Working Height	Side Reach	Platform Capacity	Jib Capacity*
TC50	55.0 ft. (16.8 m)	39.3 ft. (12.0 m)	700 lbs. (318 kg)	2000 lbs. (907 kg)
TC55	60 ft. (18.3 m)	42.8 ft. (13.0 m)	700 lbs. (318 kg)	2000 lbs. (907 kg)
TCX50	55.0 ft. (16.8 m)	39.3 ft. (12.0 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)
TCX55	60.0 ft. (18.3 m)	42.8 ft. (13.0 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)
TCX60	65 ft. (19.8 m)	46.4 ft. (14.1 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)

*Maximum with Hydraulic articulating jib/winch, extend underload side mount option depending on stability

**Optional platform capacity

Optima HR and HRX Series, Overcenter Material Handling Aerial Devices

OPTIMA MODEL	Working Height	Overcenter Side Reach	Platform Capacity	Jib Capacity*
HR46	51.0 ft. (15.5 m)	40.4 ft. (12.3 m)	700 lbs. (318 kg)	2000 lbs. (907 kg)
HR50	55.0 ft. (16.8 m)	43.2 ft. (13.2 m)	700 lbs. (318 kg)	2000 lbs. (907 kg)
HR55	60.0 ft. (18.3 m)	48.2 ft. (14.7 m)	700 lbs. (318 kg)	2000 lbs. (907 kg)
HRX50	55.0 ft (16.8 m)	43.2 ft. (13.2 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)
HRX55	60.0 ft. (18.3 m)	48.2 ft. (14.7 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)
HRX60	65.0 ft. (19.8 m)	53.2 ft. (16.2 m)	800 lbs. (363 kg)**	2000 lbs. (907 kg)

*Maximum with hydraulic articulating jib/winch, extend underload side mount option depending on stability

**Optional platform capacity

Visit Terex Utilities at ICUEE at Booth L316 and learn more at

<http://info.terex.com/icuee2017>.

About Terex:

Terex Corporation is a global manufacturer of lifting and material processing products and services delivering lifecycle solutions that maximize customer return on investment. Major Terex brands include Terex, Genie, Powerscreen and Demag. Terex solutions serve a broad range of industries, including construction, infrastructure, manufacturing, shipping, transportation, refining, energy, utilities, quarrying and mining. Terex offers financial products and services to assist in the acquisition of Terex equipment through Terex Financial Services. More information about Terex is available on its website: www.Terex.com, and on its LinkedIn page -- www.linkedin.com/company/terex and Facebook page -- www.facebook.com/TerexCorporation.

###