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NEW GENIE® HIGH FLOAT BOOMS PERFORM HEAVY-LIFTING TASKS IN SENSITIVE TURF APPLICATIONS

Genie® S®-80 HF and S-85 HF booms offer productive performance in sand and turf ground conditions

REDMOND, WA (July 12, 2018) – The new Genie® S®-80 high float (HF) and S-85 HF telescopic booms are designed to perform heavy-lifting tasks in sensitive ground conditions, such as sand and turf. Engineered to “float” on soft or delicate surfaces, the Genie S-80 and S-85 HF booms protect softer surfaces during operation that could be damaged by the more aggressive tread on regular rough terrain tires. The Genie S-80 HF and S-85 HF models are currently available in North America. Additional Genie HF models will be added, and this product line will be expanded globally, in the future.

“The new Genie HF models are based on the design and engineering of the Genie Xtra Capacity™ (XC) booms, complying with the overload restriction and terrain sensing guidelines in the new ANSI A92 and CSA B354 industry standards in North America, as well as European EN280 and Australian AS 1418.10 standards,” says Corrado Gentile, Genie Product Manager, Terex AWP. “Our goal with the Genie HF machine design was to enhance operators’ productivity on soft or delicate ground surfaces. This new generation of high float booms delivers extra capacity capabilities with increased performance in sensitive ground conditions. This translates to fewer lift cycles, less equipment needed to get tools and materials to work areas at height and the ability to work on jobsites where regular rough terrain machines do not perform.”

Model specifications

These new Genie HF models offer a dual lift capacity of 600-lb (272 kg) unrestricted and 1,000-lb (454 kg) restricted, giving customers the ability to work with up to three people onboard while still leaving room for tools and jobsite materials.

The new Genie S-80 HF and S-85 HF models also feature automatic envelope control, which is the ability to automatically retract as the booms reach their operating envelope. This feature allows for simple platform positioning and an enhanced operator’s experience. And, the Genie HF booms are equipped

with a load sense cell that continuously checks the weight in the platform and limits the operating envelope to match the load chart, all while boasting the ability to do zero load field calibrations.

The Genie S-80 HF and S-85 HF booms also boast an expanded working zone thanks to a chassis tilt sensor incorporated into the machines' function. This unique chassis tilt sensing technology gives operators access to different ranges of motion based on the chassis angle. And, it is engineered to automatically cut-out certain lift and drive functions of the machines when the tilt activation setting is reached. This feature means that not only are the Genie HF machines able to carry more load than ever before, but they are also able to maximize operator's access hard-to-reach work areas on challenging jobsites.

Like the new Genie XC booms, the Genie S-80 HF and S-85 HF models have been updated with a CAN-based control system that incorporates the familiar Genie Smart Link™ control system. Operators will find the control layout on these booms to be consistent and intuitive, making the operation of the booms easy and straightforward. And, service technicians will appreciate the onboard diagnostics available on the new LCD display at the ground controls, allowing machine setup, calibration and troubleshooting right on the machine — no need for a laptop or any additional accessories.

Designed for productivity

For productivity on sensitive surfaces, both the Genie S-80 HF and S-85 HF boom models are equipped with air-filled 41/18LL x 22.5 20 ply tires. For productivity in the air, the Genie S-80 HF model boasts 86 ft (26.38 m) working height with 68 ft 6 in (20.88 m) of outreach. The Genie S-85 HF boom has 91 ft (27.91 m) working height with 72 ft 6 in (22.10 m) of outreach. Both units are available with a 74-hp (55 kW) Tier 4F/Stage IIIB diesel engine. And, their design incorporates a 6-ft (1.83 m) dual entry or an 8-ft (2.44 m) tri-entry platform with side-swing gate to make it easy to get people, tools and jobsite materials in and out of the basket.

This new generation of Genie HF booms retain the productivity features that enhance customers' ability to get work done quickly, including:

- A virtual pivot primary boom that aligns the machine's center of gravity for lower machine weight
 - 35,500 lb (16,103 kg) on the Genie S-80 HF model
 - 38,000 lb (17,237 kg) on the Genie S-85 HF model
- 4WD and positive traction drive maintains equal power to all drive wheels
- 45% gradeability (stowed) for driving on slopes
- 160° platform rotation and 360° continuous rotation turntable for quick, precision positioning

For additional productivity when working at height, the Genie S-80 HF and S-85 HF models can be equipped with the optional Genie Lift Power™ generator solution. This system includes a dedicated hydraulic circuit, a right-sized breaker and no pressure switch to reliably run the unit, and allows for the power to lift and drive during operation. The Genie Lift Power system is available in three options — 3 kW, 7 kW and 12 kW — to provide reliable power solutions for customers worldwide.

For more information about Genie products and services, visit: www.genielift.com.

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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.