

Tigercat releases largest machine in forestry line-up

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Tigercat continues to set the bar high with the introduction of the new 890 logger – the largest machine in the Tigercat forestry equipment line-up – a heavy duty, purpose-built forestry carrier that can be configured for loading, shovel logging or processing.

Weighing 47 900 kg (105,600 lb), it is the largest, highest capacity machine in Tigercat's purpose built forestry product line. The Tigercat FPT C87 engine delivers 245 kW (330 hp) at 2,000 rpm for Tier 2 and Tier 4 emission compliance.

The large swing bearing provides increased capacity and swing torque. The twin swing drive system reduces gear tooth loads, and a massive single-piece, forged pedestal strengthens the undercarriage and improves durability.

A new, longer F7-172 heavy-duty roller track frame with a wide stance carbody gives the 890 exceptional stability. Track components are co-designed with Berco to provide maximum durability in forestry applications.

The 890 logger shares the modular main hydraulic valve with all other Tigercat 800 series carriers for improved parts commonality. With the ability to easily swap out a valve section, the modular design simplifies maintenance. New larger capacity valve sections are used for main and stick boom circuits to provide higher flow rates and improve efficiency.

The 890 has plenty of cooling capacity with an automatic variable speed fan for improved fuel efficiency and an automatic reversing cycle to clean the heat exchangers. Another fuel saving feature is the energy recovery swing system. A closed loop drive feeds power back to the engine when swing decelerates, reducing fuel consumption and recovering energy for other machine functions.

Service access is outstanding with the power operated side engine door and overhead roof enclosure. The entire upper assembly is designed for extreme duty. Heavy wall side bumpers and a solid cast counterweight protect the upper assembly from impacts when swinging.

Convenient walk-up access to the rear entry door leads to a generous interior cab. The cabin is quiet and comfortable with excellent visibility. The full-length front window and additional floor windows provide clear sightlines. The high output climate control system keeps the operator comfortable even in temperature

extremes. LED lighting and the new rearVIEW camera system improve operator visibility.

Source: Tigercat Industries Inc.