BENEFITS AND ADVANTAGES:

Powerful, efficient Tigercat FPT engine

Strong, reliable Tigercat crane
• Hooked profile promotes excellent right-side visibility
• Simple, efficient ER boom technology with no external parallel linkages
• Extreme duty slew system with 360° continuous rotation
• Choice of fixed or telescopic stick

Durable cab and crane leveling system
• Thick steel structures, large diameter cylinders and tapered roller bearings

Spacious, high visibility operator’s cabin
• Large windows for clear and full line-of-sight to the wheels as well as excellent upward visibility
• High quality, climate controlled seat with four point harness

Excellent access to major components and daily service points

Oscillation balancing
• Active oscillation balancing for optimal stability when stationary and while driving
• Operate the crane and remain productive while in motion

WideRange® drive increases working travel speed while delivering powerful tractive effort

Advanced hydraulic system for efficiency and high performance
• Dedicated pumps for the drive, harvesting head, crane, fan and cooling circuit
• Closed loop drive system for excellent performance on steep slopes

Efficient, high capacity cooling system
• Pressure and flow controlled piston fan pump maintains optimal operating temperatures at the lowest fan speed
1165 HARVESTER

DIMENSIONS
with standard tires, 6WD

LENGTH less boom 8 220 mm (323 in)
WIDTH 2 940 mm (116 in)
HEIGHT 4 055 mm (160 in)
SHIPPING HEIGHT 3 810 (151 in)
GROUND CLEARANCE 655 mm (26 in)
WHEELBASE 4 520 mm (178 in)
FRAME ARTICULATION +/-44°
FRAME OSCILLATION +/-18, proportional balance, lockable
MIN WEIGHT less attachment 22 910 kg (50,500 lb)

POWER

ENGINE Tier 4f Tigercat FPT N67 Tier 4f
210 kW (282 hp) @ 2,000 rpm
1160 Nm (855 ft-lb) @ 1,500 rpm
ENGINE Tier 2 Tigercat FPT N67 Tier 2
210 kW (282 hp) @ 2,000 rpm
1170 Nm (863 ft-lb) @ 1,700 rpm

COOLING Side-by-side radiator, oil cooler and charge air cooler
FAN Hydraulically driven, automatic variable speed with automatic reversing cycle

FUEL CAPACITY 454 L (120 US gal)
DEF CAPACITY Tier 4f 80 L (21 US gal)

POWER TRAIN

TRANSMISSION WideRange® drive; Variable speed hydrostatic
(2) piston motors, infinitely variable
AXLE, FRONT 14 t (15.4 tn) rated bogie
AXLE, REAR Tigercat OB15, outboard planetary, barrel differential, fixed
Optional 14 t (15.4 tn) rated bogie
DIFFERENTIAL LOCKS Independent front and rear, friction clutch style
TOP SPEED 11.1 km/h (6.9 mph)

HYDRAULIC SYSTEM

PUMP, DRIVE Piston, closed loop
PUMP, HARVESTING HEAD Piston
PUMP, CRANE Piston
PUMP, FAN Piston
PUMP, CHARGE/Cooling Gear
FILTRATION (7) Spin-on
RESERVOIR 200 L (53 US gal)

BRAKES

SERVICE BRAKE Hydrostatic, enclosed, oil cooled
SECONDARY BRAKE Enclosed, oil cooled
PARK BRAKE Spring applied, hydraulic release

TIRES

STANDARD 600/55-26.5 (front), 700/55-34 (rear)
OPTIONAL 710/45-26.5

ELECTRICAL

BATTERY (2) 810 CCA,12 v
ALTERNATOR 140 amp, 24 v
SYSTEM VOLTAGE 24 v
LIGHTS (25) LED

CRANE

STANDARD Tigercat H250ER90; ER, fixed stick
Optional Tigercat H250ER110; ER, telescopic stick boom

MINIMUM REACH bare pin 9,0 m (30 ft)
LIFT MOMENT gross 250 kNm (191,750 lbf-ft)
LIFT CAPACITY bare pin 1 860 kg (4,100 lb) @ 9,0 (30 ft)
LIFT CAPACITY bare pin 11,0 m (36 ft)
LIFT MOMENT gross 250 kNm (191,750 lbf-ft)
LIFT CAPACITY bare pin 1 300 kg (2,865 lb) @ 11,0 m (36 ft)
SLEW TORQUE net 56 kNm (41,300 lbf-ft)

OPERATOR'S STATION

CAB Pressurized, insulated and isolation mounted with constant temperature A/C and heater
Thermal formed curved windshield, UL752 level 1 tested; Thermal insulated polycarbonate windows
Window blinds; 2 exits; Computerized machine monitoring system; AM/FM digital stereo with CD player; Bluetooth® audio and hands-free calling rear-VIEW camera system

SEAT Air ride, extreme duty fully adjustable with lumbar support and armrests

CONTROLS Electronic control for all functions (less head)
Mini-joystick for steering; Electronic control system with colour LCD display screen for machine monitoring and function adjustment

OTHER STANDARD EQUIPMENT

Vacuum pump; Electric hydraulic fill pump
Electric/hydraulic hood and fuel tank tilt
RemoteLog™ telematics system

OPTIONAL EQUIPMENT

Engine/cab/hydraulic heater; Block heater
Hydraulic reservoir heater; GPS receiver; Stump spray equipment; Colour marking; Road lights

HARVESTING HEAD

Up to 1 650 kg (3,750 lb) heads for H250ER90 crane
Up to 1 100 kg (2,425 lb) heads for H250ER110T crane