1185 HARVESTER

The Tigercat 1185 is a heavy duty, premium quality harvester designed for high production applications, extreme terrain and demanding operating conditions.

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 castings, 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
- Patent pending protective windshield technology

Tigercat designed and built drivetrain
- Bogie axles, transmission and pump drive are engineered and built for extreme forest duty

Hydraulically balanced bogies

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

Excellent access to major components and daily service points
1185 HARVESTER

**DIMENSIONS** with standard tires
- LENGTH less boom: 9,970 mm (393 in)
- WIDTH: 3,090 mm (122 in)
- HEIGHT: 4,100 mm (13 ft 5 in)
- SHIPPING HEIGHT: 3,790 mm (149 in)
- GROUND CLEARANCE: 645 mm (25 in)
- WHEEL BASE: 5,845 mm (230 in)
- FRAME ARTICULATION: +/-44°
- FRAME OSCILLATION: +/-18°, lockable
- WEIGHT: 34,000 kg (74,800 lb)

**CRANE**
- STANDARD: Tigercat H360ER89; ER, fixed stick
- MAXIMUM REACH bare pin: 8.9 m (350 in)
- LIFT MOMENT gross: 357 kNm (263,300 lbf-ft)
- LIFT CAPACITY bare pin, full reach: 2,680 kg (5,910 lb)
- SLEW TORQUE net: 62 kNm (45,730 lbf-ft)
- ROTATION: 360° continuous
- Optional: Tigercat H360ER110T; ER, telescopic stick 11 m (433 in) bare pin reach

**OPERATOR CONTROLS**
- CRANE/HEAD: Mini lever, electric over hydraulic
- STEERING: Electric joystick

**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
- 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

**OPTIONAL EQUIPMENT**
- Webasto engine/cab/hydraulic heater; Block heater
- Hydraulic reservoir heater; GPS receiver; Stump spray equipment; Colour marking; Road lights
- RemoteLog™ telematics system

**HARVESTING HEAD**
- Up to 2,500 kg (5,500 lb) heads for H360ER89 crane
- Up to 1,800 kg (4,000 lb) heads for H360ER110T crane

**1185 HARVESTER**

**ENGINE** Tier 4f Tigercat FPT N67 Tier 4f
- 230 kW (308 hp) @ 2,000 rpm
- 1,160 Nm (860 ft-lb) @ 1,500 rpm

**COOLING** Side-by-side radiator, oil cooler and charge air cooler

**FAN** Hydraulically driven, automatic variable speed with automatic reversing cycle

**FUEL CAPACITY** 560 L (148 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/REAR: Tigercat bogie, outboard planetary, hydraulically balanced
- DIFFERENTIAL LOCKS: Independent front and rear, friction clutch style
- BOGIE CYLINDERS: Front and rear
- TOP SPEED: 10.7 km/h (6.7 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: 230 L (60 US gal)

**BRAKES**
- SERVICE BRAKE: Hydrostatic, enclosed, oil cooled
- SECONDARY BRAKE: Enclosed, oil cooled
- PARK BRAKE: Spring applied, hydraulic release

**TIRES**
- STANDARD: 750/55-26.5
- Optional: 710/55-28.5; 780/50-28.5

**ELECTRICAL**
- BATTERY: (2) 950 CCA, 12 v
- ALTERNATOR: 140 amp, 24 v
- SYSTEM VOLTAGE: 24 v
- LIGHTS: (24) LED

**ALL ENGINE POWER VALUES ARE QUOTED AT NET POWER, AS PER SAE J1349. TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE.**