

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

DIMENSIONS with standard tires

LENGTH less boom	9 970 mm (393 in)
WIDTH	3 090 mm (122 in)
HEIGHT	4 100 mm (161 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)

POWER

ENGINE Tier 4f	Tigercat FPT N67 Tier 4f 230 kW (308 hp) @ 2,000 rpm 1160 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

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 RearVIEW 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
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OPTIONAL EQUIPMENT

	Webasto engine/cab/hydraulic heater; Block heater Hydraulic reservoir heater; GPS receiver; Stump spray equipment; Colour marking; Road lights RemoteLog™ telematics system
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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
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1185 HARVESTER



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

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