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**
### Specifications

#### 1185 Harvester

### Dimensions with Standard Tires

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length less boom (mm)</td>
<td>9,970</td>
<td>(32 ft 9 in)</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>3,090</td>
<td>(122 in)</td>
</tr>
<tr>
<td>Height (mm)</td>
<td>4,100</td>
<td>(161 in)</td>
</tr>
<tr>
<td>Shipping Height (mm)</td>
<td>3,790</td>
<td>(149 in)</td>
</tr>
<tr>
<td>Ground Clearance (mm)</td>
<td>645</td>
<td>(25 in)</td>
</tr>
<tr>
<td>Wheelbase (mm)</td>
<td>5,845</td>
<td>(230 in)</td>
</tr>
<tr>
<td>Frame Articulation</td>
<td>+/-44°</td>
<td></td>
</tr>
<tr>
<td>Frame Oscillation</td>
<td>+/-18°; lockable</td>
<td></td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>34,000</td>
<td>(74,800 lb)</td>
</tr>
</tbody>
</table>

### Power

**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

**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**

- 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

**Maximum Reach**

- Bare Pin: 433 in

### 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

### 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