Tigercat drive-to-tree feller bunchers lead the industry in productivity, reliability and durability, resulting in higher production, greater uptime and lowest cost per ton harvesting solutions in pine plantations and natural stands.

With four models and a full range of Tigercat saw and shear felling heads to choose from, a machine can be configured and optimized to match any drive-to-tree feller buncher application.

**BENEFITS AND ADVANTAGES:**

- **Proven reliability, durability and high uptime**
  - Legendary Tigercat centre section constructed with thick steel plate, large pins and tapered roller bearings
  - Precision line boring at all pivot points
  - Efficient hydraulic system and high quality components

- **Quick saw recovery**
  - Optimized hydraulic system maximizes power to the saw blade for decreased cycle times and higher production per machine hour

- **High capacity cooling system**
  - 720E, 724E and 726E are equipped with high capacity cross-flow cooling and a hydraulic driven automatic variable speed fan with automatic reversing cycle
  - 718E is standard equipped with a variable pitch engine driven suction fan to minimize overall machine length

- **Engine, hydraulic components and cooling system components are located in three separate compartments (720E, 724E, 726E)**

- **One standard axle for all models with a wide variety of available tire options**

- **Excellent service access**
  - Spacious engine enclosure
  - Hydraulic pumps and filters are oriented to the rear and easily accessible through a large swing-out door

- **Comfortable, spacious, quiet operator’s station**
  - Full suspension seat with ergonomic armrest mounted joysticks to control steering and boom functions
  - Excellent visibility with clear sightlines to all four tires
### SPECIFICATIONS

**718E**

<table>
<thead>
<tr>
<th>DIMENSIONS with standard tires</th>
<th>720E</th>
<th>724E</th>
<th>726E</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIDTH ..................................................</td>
<td>2 540 mm (100 in)</td>
<td>2 540 mm (100 in)</td>
<td>3 000 mm (118 in)</td>
</tr>
<tr>
<td>LENGTH less felling head .................</td>
<td>5 410 mm (213 in)</td>
<td>5 665 mm (223 in)</td>
<td>5 765 mm (227 in)</td>
</tr>
<tr>
<td>WHEELBASE ...........................................</td>
<td>2 745 mm (108 in)</td>
<td>2 920 mm (115 in)</td>
<td>2 920 mm (115 in)</td>
</tr>
<tr>
<td>HEIGHT ................................................</td>
<td>3 350 mm (132 in)</td>
<td>3 350 mm (132 in)</td>
<td>3 380 mm (133 in)</td>
</tr>
</tbody>
</table>

**GROUND CLEARANCE**

<table>
<thead>
<tr>
<th>with standard tires</th>
<th>........</th>
<th>........</th>
<th>510 mm (20 in)</th>
<th>510 mm (20 in)</th>
<th>535 mm (21 in)</th>
<th>535 mm (21 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>with 30.5 x 32 tires</td>
<td>635 mm (25 in)</td>
<td>635 mm (25 in)</td>
<td>635 mm (25 in)</td>
<td>635 mm (25 in)</td>
<td>635 mm (25 in)</td>
<td>635 mm (25 in)</td>
</tr>
</tbody>
</table>

**FRAME ARTICULATION**

| ................................. | +/- 45° | +/- 45° | +/- 45° | +/- 45° |

**WEIGHT less felling head**

| ........ | 11 070 kg (24,400 lb) | 11 295 kg (24,900 lb) | 12 505 kg (27,570 lb) | 12 315 kg (27,150 lb) |

**POWER**

| ENGINE .......................... | 129 kW (173 hp) @ 2,200 rpm | 129 kW (173 hp) @ 2,200 rpm | 164 kW (220 hp) @ 2,200 rpm | 224 kW (300 hp) @ 1,800 rpm |
| COOLING .......................... | Cross-flow; Side-by-side cooler | Cross-flow; Side-by-side cooler | Cross-flow; Side-by-side cooler | Cross-flow; Side-by-side cooler |
| FAN ...................................... | Suction, Flexxaire® variable displacement | Variable speed hydrostatic | Hydraulically driven; Automatic variable speed with automatic reversing cycle | Hydraulically driven; Automatic variable speed with automatic reversing cycle |

**FUEL CAPACITY usable**

| .................. | 314 L (83 US gal) | 340 L (90 US gal) | 412 L (109 US gal) | 473 L (125 US gal) |

**HYDRAULIC SYSTEM**

| PUMP, DRIVE .......................... | Piston .................................. | Piston .................................. | Piston .................................. | Piston .................................. |
| PUMP, BOOM .......................... | Gear .................................. | Gear .................................. | Gear .................................. | Gear .................................. |
| PUMP, STEERING .......................... | Gear .................................. | Gear .................................. | Gear .................................. | Gear .................................. |
| PUMP, SAW .......................... | Piston .................................. | Piston .................................. | Piston .................................. | Piston .................................. |
| PUMP, FAN .......................... | N/A .................................. | Gear .................................. | Gear .................................. | Gear .................................. |
| RESERVOIR .................................. | 147 L (39 US gal) | 160 L (42 US gal) | 160 L (42 US gal) | 215 L (57 US gal) capacity |
| FILTRATION .................................. | (5) Spin-on, 7 micron full flow | (5) Spin-on, 7 micron full flow | (5) Spin-on, 7 micron full flow | (5) Spin-on, 7 micron full flow |
| CYLINDERS, BOOM .......................... | (4) 115 mm (4.5 in) bore | (4) 115 mm (4.5 in) bore | (4) 115 mm (4.5 in) bore | (4) 115 mm (4.5 in) bore |
| CYLINDERS, STEER .......................... | (2) 75 mm (3 in) bore | (2) 75 mm (3 in) bore | (2) 75 mm (3 in) bore | (2) 75 mm (3 in) bore |

**TIRES**

| STANDARD ............... | 23.1x26.14 | 23.1x26.14 | 28Lx26.16 | 28Lx26.16 |
| OPTIONAL .................. | 24.5x32.16; 28Lx26.16 | 24.5x32.16; 28Lx26.16 | 30.5Lx32.20/26; 67x34-25.14 | 30.5Lx32.20/26; 67x34-25.14 |
| .......................... | 30.5Lx32.20 | 67x34-26.14; 73x44-32.16 | 67x34-26.14; 73x44-32.16 | 67x34-26.14; 73x44-32.16 |

**ELECTRICAL**

| BATTERY .................. | (2) 12 v .......... | (2) 12 v .......... | (2) 12 v .......... | (2) 12 v .......... |
| ALTERNATOR .................. | 80 amp, 24 v .......... | 80 amp, 24 v .......... | 80 amp, 24 v .......... | 80 amp, 24 v .......... |

**OPERATOR CONTROLS**

| CAB .................................. | Insulated, pressurized and isolation mounted; (2) doors with sliding tempered glass windows and hinged steel mesh screens | Removable steel and polycarbonate skylight; A/C; heater, defroster and pressurizer; Forward sloping polycarbonate windshield | AM/FM digital stereo with CD player; 12 v power point; 24 v lighter |
| CONTROLS .................................. | Hydraulic pilot; joystick for boom and steering, (2) foot pedals for forward/reverse travel | | |
| SEAT .................................. | Full suspension, fully adjustable with angled mounting; Armrest mounted josticks | | |
TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

OTHER STANDARD EQUIPMENT

- Pressurized water system
- Back-up alarm; Low fuel light
- Hydraulic reservoir hand fill pump; Fire extinguisher
- Fire detection system
- Air ride suspension seat
- Drive speed limiter control
- Easily cleaned radiator air intake screens

OPTIONAL EQUIPMENT

- Halogen lighting package
- HID lighting package; CB radio
- Quick wheel steering

SPECIFICATIONS 718E 720E 724E 726E

TIGERCAT 718E FELLER BUNCHER

- 5,66 m (18 ft 7 in)
- Other standard equipment:
  - Pressurized water system
  - Back-up alarm; Low fuel light
  - Hydraulic reservoir hand fill pump; Fire extinguisher
  - Fire detection system
  - Air ride suspension seat
  - Drive speed limiter control

TIGERCAT 720E FELLER BUNCHER

- 5,99 m (19 ft 8 in)
- Other standard equipment:
  - Pressurized water system
  - Back-up alarm; Low fuel light
  - Hydraulic reservoir hand fill pump; Fire extinguisher
  - Fire detection system
  - Air ride suspension seat
  - Drive speed limiter control

TIGERCAT 724E FELLER BUNCHER

- 5,76 m (18 ft 11 in)
- Other standard equipment:
  - Pressurized water system
  - Back-up alarm; Low fuel light
  - Hydraulic reservoir hand fill pump; Fire extinguisher
  - Fire detection system
  - Air ride suspension seat
  - Drive speed limiter control

TIGERCAT 726E FELLER BUNCHER

- 5,99 m (19 ft 8 in)
- Other standard equipment:
  - Pressurized water system
  - Back-up alarm; Low fuel light
  - Hydraulic reservoir hand fill pump; Fire extinguisher
  - Fire detection system
  - Air ride suspension seat
  - Drive speed limiter control

NOTE: 724E IS ONLY AVAILABLE IN THE USA
Strong centre section with large pins and tapered roller bearings

Strong boom system; high quality cylinders and precision line boring

High capacity cross-flow cooling with automatic variable speed fan and reversing cycle (720E, 724E, 726E)

Excellent visibility to the tires through rear quarter windows

720E, 724E, 726E engine is separated from the cooling system and hydraulic components with easy access to daily service points

Range of high capacity Tigercat bunching saws and shears to maximize plantation harvesting system productivity

724E and 726E models are powerful and extremely stable for high performance on uneven terrain and slopes

Compact and agile, the 718E matched to a high capacity bunching head is the ultimate plantation thinning machine

The 720E is highly versatile for contractors requiring a highly productive machine for thinning and final felling