

# Tigercat®

## 724E FELLER BUNCHER



***A stable high performance final fell machine.***

### **BENEFITS AND ADVANTAGES:**

- **Cummins QSB6.7 220 hp Tier III engine**
- **High capacity cross-flow cooling system**
  - Hydraulically driven reversible fan
  - Automatic fan speed control
- **Two transmission options**
  - Standard two-speed or wide-range infinitely variable
- **Heavy duty boom system for large timber applications**
- **Highly durable design and construction**
  - Heavy duty front chassis for big timber
  - Extreme-duty center section with tapered roller bearings
  - Thick steel plate throughout with the highest quality machining and welding
- **Excellent service access**
  - Reverse engine orientation places hydraulic pumps and filters to the rear for ready access
- **Quiet, climate controlled operator's station**
  - Insulated and isolation mounted
  - High output heater/air conditioner
  - Extreme duty suspension seat; ergonomic with armrest mounted joysticks
- **Designed for maximum stability in oversized timber applications and challenging terrain**
  - Long wheel base and reverse engine orientation optimizes weight distribution and stability
- **Choice of innovative Tigercat felling heads to customize the 724E to your applications**



Excellent visibility to the rear tires.



Efficient, high capacity cross-flow cooling.



Hydraulic compartment is separated from the engine compartment.

## SPECIFICATIONS

### DIMENSIONS (with 28L x 26 tires, wide offset)

WIDTH .....	118 in. (3,000 mm)
LENGTH less felling head .....	223 in. (5,665 mm)
WHEELBASE .....	115 in. (2,920 mm)
HEIGHT .....	133 in. (3,380 mm)
GROUND CLEARANCE with 28L x 26 tires .....	23 in. (585 mm)
with 30.5L x 32 tires .....	27 in. (685 mm)
FRAME ARTICULATION .....	+/- 45°
WEIGHT less felling head .....	26,980 lb (12,240 kg)

### POWER

ENGINE .....	Cummins QSB6.7, 220 hp (164 kW) Tier III Precleaner and 2-stage engine air cleaner
COOLING .....	Side by side aluminum radiator, oil cooler and charge air cooler; Cross-flow; Automatic fan speed control; Reverse direction clean mode
FUEL CAPACITY (usable) .....	90 US gal. (340 L)

### POWER TRAIN

HYDROSTATIC .....	Variable displacement piston pump Variable displacement piston motor
TRANSFER CASE .....	2-speed mechanical shift
AXLES .....	Front fixed, 1400 series Rear oscillating +/- 15°, 1200 series Independent differential locks, front and rear

### HYDRAULIC SYSTEM

BOOM PUMP .....	Fixed displacement gear
STEERING PUMP .....	Fixed displacement gear
SAW PUMP .....	Dedicated variable displacement piston
FAN PUMP .....	Fixed displacement gear
RESERVOIR .....	42 US gal. (160 L) capacity
FILTRATION .....	7 micron, full flow spin-on
BOOM CYLINDERS .....	(4) 4.5 in. (115 mm) bore lift and tilt
STEER CYLINDERS .....	(2) 3 in. (75 mm) bore

### BRAKES

DYNAMIC BRAKING .....	Hydrostatic
SECONDARY BRAKES .....	Enclosed, oil cooled
PARK BRAKE .....	Manual driveline disc brake

### TIRES

STANDARD .....	28L x 26
OPTIONAL .....	30.5L x 32; 67 x 34 - 25; 73 x 44 - 32

### OPERATOR'S STATION

CAB .....	Insulated, pressurized and isolation mounted A/C, heater, defroster Forward sloping polycarbonate windshield (3) Rear polycarbonate windows (2) doors with sliding tempered glass windows and hinged steel mesh screens Removable polycarbonate skylight AM/FM digital stereo with CD player (1) 12 v powerpoint (1) 24 v lighter
CONTROLS .....	Hydraulic pilot for boom and travel Hydraulic pilot joystick steering
SEAT .....	Full suspension, fully adjustable with angled mounting; Armrest mounted joysticks

### ELECTRICAL

BATTERY .....	(2) 12 volt
ALTERNATOR .....	80 amp, 24 v
SYSTEM VOLTAGE .....	24 v

### OTHER STANDARD EQUIPMENT

Pressurized water system
Back-up alarm
Low fuel light
Hydraulic reservoir hand fill pump
Fire extinguisher

### OPTIONAL EQUIPMENT

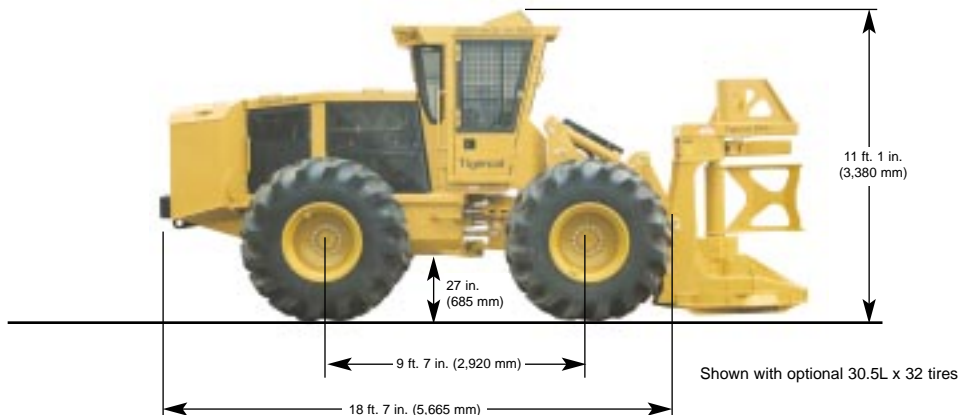
Wide range infinitely variable transmission
Work lights
Quick wheel steering
CB radio

### FELLING HEAD

Choice of Tigercat saws and shears
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WE RESERVE THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE.

## TIGERCAT 724E FELLER BUNCHER



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