

Tigercat

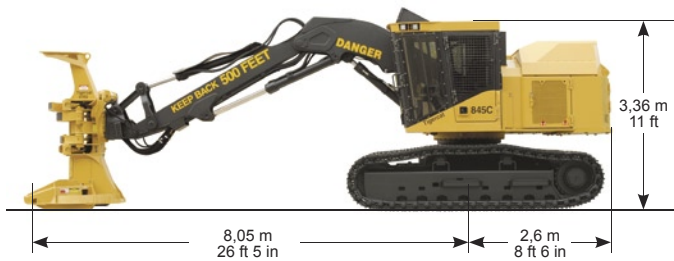
845C/L845C FELLER BUNCHER



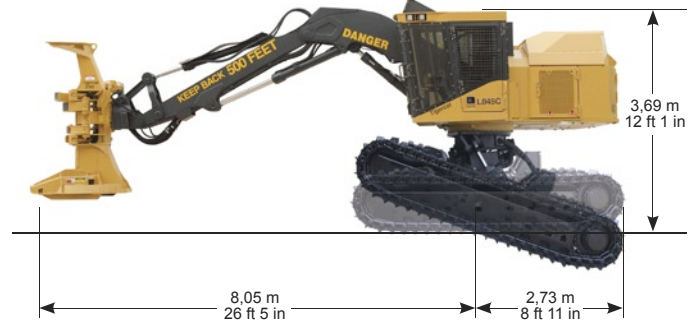
BENEFITS AND ADVANTAGES:

- **Powerful, efficient Mercedes 906 engine**
- **Efficient high-capacity cooling system**
 - Automatic variable fan speed for improved fuel efficiency
 - Automatic reversing cycle to easily clean the heat exchangers
- **Tigercat-built forest duty undercarriage options**
 - 203 mm pitch F8 tri-track leveling or non-leveling
- **Efficient, easy to operate ER boom system**
 - For increased productivity and reduced fuel consumption
- **Excellent service access**
 - Retracting roof for excellent component access
- **Highly durable design and construction**
 - One piece 32 mm (1.25 in) thick turntable
 - Large diameter, heavy duty swing bearing
- **Quiet, climate controlled operator's station**
 - High output heater/air conditioner with multiple vents
 - Extreme duty air-ride suspension seat

845C FELLER BUNCHER



L845C FELLER BUNCHER



Easy access to engine service points



The pumpstack is housed in a separate compartment



Clamshell style retracting roof enclosure

SPECIFICATIONS

845C

L845C

DIMENSIONS with 710 mm (28 in) single grouser shoes

WIDTH	3 435 mm (135 in)	3 435 mm (135 in)
LENGTH less boom	4 900 mm (193 in)	4 940 mm (195 in)
HEIGHT less skylight	3 360 mm (132 in)	3 690 mm (148 in)
GROUND CLEARANCE	685 mm (27 in)	685 mm (27 in)
WEIGHT less head	25 900 kg (57,100 lb)	32 480 kg (71,600 lb)
TAIL SWING over side	1 020 mm (40 in)	1 020 mm (40 in)

POWER

ENGINE	Mercedes 906, 205 kW (275 hp) Tier III @ 2,200 rpm	Mercedes 906, 205 kW (275 hp) Tier III @ 2,200 rpm
	Precleaner and 2-stage engine air cleaner	Precleaner and 2-stage engine air cleaner
COOLING	Aluminum side by side radiator, oil cooler, charge air cooler	Aluminum side by side radiator, oil cooler, charge air cooler
	Removable intake debris screen	Removable intake debris screen
FAN	Hydraulically driven, automatic variable speed, reversible	Hydraulically driven, automatic variable speed, reversible
FUEL CAPACITY	970 L (257 US gal)	970 L (257 US gal)

HYDRAULIC SYSTEM

PUMP, MAIN	Load sensing piston	Load sensing piston
PUMP, SAW	Load sensing piston	Load sensing piston
PUMP, SAW ARMS	Gear	Gear
PUMP, COOLING FAN	Gear	Gear
RESERVOIR	190 L (50 US gal)	190 L (50 US gal)
FILTRATION	(6) spin-on, 7 micron full flow return	(6) spin-on, 7 micron full flow return
CYLINDER, HOIST	130 mm (5.2 in) bore	130 mm (5.2 in) bore
CYLINDERS, STICK/ER	(2) 110 mm (4.3 in) bore	(2) 110 mm (4.3 in) bore
CYLINDER, TILT	120 mm (4.7 in) bore	120 mm (4.7 in) bore
CYLINDERS, LEVELING	N/A	(2) 180 mm (7 in) bore
HORSE POWER CONTROL	Electronic speed sensing type	Electronic speed sensing type

UNDERCARRIAGE

TRACK FRAMES	R6140-3 heavy-duty forestry; Integral track guides, ramp angles	R6152L heavy-duty leveling; Integral track guides, ramp angles
		Removable roller access cover
TRACK CHAIN	F8 203 mm (8 in) pitch sealed and greased	F8/D6D 203 mm (8 in) pitch sealed and greased
FINAL DRIVE	(2) axial piston motors with brakes valves	(2) axial piston motors with brakes valves
	Infinitely variable speed with low lock-out	Infinitely variable speed with low lock-out
TRACTIVE EFFORT	258 kN (58,000 lbf)	293 kN (66,000 lbf)
GEARBOX	Triple reduction planetary type with brake	Triple reduction planetary type with brake
FRONT IDLER	Hydraulic track adjuster; Spring shock absorber	Hydraulic track adjuster; Spring shock absorber
SLIDES, UPPER	Replaceable, bolt-on; Optional rollers	Replaceable, bolt-on
ROLLERS, LOWER	(9) D6 single and double flange tractor type	(9) D6 single and double flange tractor type
TRACK SHOE	710 mm (28 in) single grouser tri-track	710 mm (28 in) single grouser tri-track
Optional	760 mm (30 in) double grouser tri-track	N/A
	915 mm (36 in) triple grouser tri-track	
TILT	N/A	21° forward; 6° rear; +/-16° side

TOP SPEED

LOW RANGE	1,9 km/h (1.2 mph)	1,9 km/h (1.2 mph)
HIGH RANGE	4,2 km/h (2.6 mph)	4,2 km/h (2.6 mph)

BRAKES

TRACK	Friction disc type; Automatic spring applied, hydraulic release	Friction disc type; Automatic spring applied, hydraulic release
SWING	Friction disc type; Manual spring applied, hydraulic release	Friction disc type; Manual spring applied, hydraulic release

ROTATING UPPER

SWING DRIVE	6.8 rpm variable speed; 360° continuous rotation; Double reduction, swing drive planetary gearbox with brake; Piston swing motor
SWING BEARING	1 190 mm (47 in) ball circle diameter
ENCLOSURE	Perforated plate on doors for ventilation; Hydraulic operated engine enclosure; Rear air intake for cooling system and engine; Vandal protection; Smooth exterior

ER BOOM SYSTEM with 5400 saw; 30° wrist

MAXIMUM CUT RADIUS	8 050 mm (317 in)	8 050 mm (317 in)
MINIMUM CUT RADIUS	4 165 mm (164 in)	4 165 mm (164 in)
BARE PIN LIFT full reach	5 170 kg (11,400 lb)	5 170 kg (11,400 lb)

OPERATOR'S STATION

CAB	Insulated, pressurized, solation mounted; A/C, heater, defroster with side-mount controls; Skylight or flat hatch; Full length polycarbonate windshield/entry door
	Polycarbonate right-side and rear windows; Tempered glass side door window
	High visibility machine monitoring system with warning horns; AM/FM digital stereo with CD player; (2) power points
CONTROLS	Hydraulic proportional boom/travel/swing; IQAN electronic proportional for leveling (L845C); Electric switch for accumulating/clamp arms/swing brake/speed range
SEAT	Full suspension air ride, fully adjustable with angled mounting; Armrest mounted Tigercat joysticks

ELECTRICAL

BATTERY	(2) 12 v	(2) 12 v
ALTERNATOR	140 amp, 24 v	140 amp, 24 v
SYSTEM VOLTAGE	24 v	24 v
LIGHTING	(9) Halogen; (3) Service lights, engine enclosure	(9) Halogen; (3) Service lights, engine enclosure
Optional	(7) HID; (1) Halogen; (3) Service lights, engine enclosure	(7) HID; (1) Halogen; (3) Service lights, engine enclosure

OTHER STANDARD EQUIPMENT

Power-link; Fuel suction strainer; Alarm for track movement	Power-link; Fuel suction strainer; Alarm for track movement
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OPTIONAL EQUIPMENT

Power-link; Various counter weights; High rotation wrists: 110°, 340°; Bolt-on toolbox	Power-link; High rotation wrists: 110°, 340°; Bolt-on toolbox
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FELLING HEAD

Flexible hydraulic system to accept various felling heads	Flexible hydraulic system to accept various felling heads
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TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

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