



**2470 • 2570 • 2670 Wheel Feller Bunchers**



***Built Better Than It Needs To Be***

The full line of Prentice Wheel Feller Bunchers are engineered for reliable performance in the most challenging forest conditions. Up to 90° articulation provides superior agility and maneuverability in dense timber. Rugged construction coupled with a powerful drive train combine to deliver the industry's highest daily production levels. Prentice saws and shears are designed and built at the same factory so they are performance matched to the machine.



### **Rugged Powertrain**

Powerful Cummins diesel engines provide performance day in and day out while meeting stringent Tier III emission standards. A Flexaire® variable pitch, reversing engine fan is an option that can keep the cooling system clean and help maintain proper operating temperatures. The 2-Speed mechanical gear box works in conjunction with a variable hydrostatic drive to smoothly deliver the power to the ground.

### **Smooth Hydraulics**

Prentice load sensing hydraulics smoothly deliver increased lift capacity to the system under loaded conditions. A separate oil pump is dedicated to the hydraulic system for maximum cooling capacity.

### **Operator Station**

The climate controlled operator station provides unobstructed views to the tree bases and tops in all conditions. All controls are ergonomically located and the quarter-turn steering wheel has tilt and telescoping features that maximize operator comfort and productivity. A joystick steering system is available as optional equipment.



### **Engineered Durability**

The rugged frames are engineered for maximum durability and reliability in the forest. The field-proven center joint provides full articulation for high maneuverability and agility in thinning stands.

### **Ease of Service**

All routine service points are quick and easy to access. The unique "full tilt" cab provides unobstructed access to critical maintenance areas without having to climb into the machine.

### **Prentice Attachments**

Prentice Wheel Feller Bunchers can be equipped with a full line of Prentice performance matched saws and shears that can handle a wide variety of timber types and forestry conditions.

## **Engineered Durability**

Prentice Feller Bunchers are built around a rugged, field proven center joint and engine house covers of heavy duty plates. The proven design provides full articulation in the forest for maximum maneuverability.



The Prentice engine house features angled panels to prevent debris from accumulating on the machine. Locking service covers provide quick and convenient access to the engine compartment. An optional bolt-on rear canopy is available.



The center joint features large, double tapered roller bearings to provide years of trouble-free service in the rugged conditions of day-to-day harvesting.



High capacity harvesting heads are mounted to rugged lift arms constructed with a large torque tube and features sealed pins and lift cylinders with cast ends for high durability.

## **Unprecedented View of the Forest**

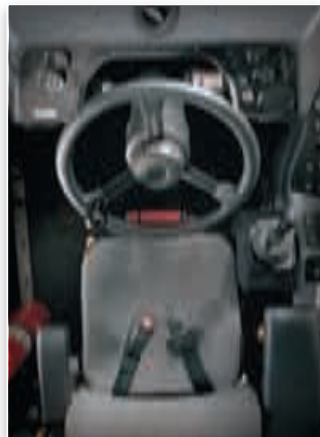
The operator station on Prentice Wheel Feller Bunchers provides a wide-open, unobstructed view of the forest. The operator has a clear view from the top of the tree all the way down to the base of the tree and surrounding area. The unique design of the "reverse-slope" windshield prevents dirt and debris from accumulating in typical conditions.



Triple laminated Lexan windows and skylight provide full protection for the operator. The oversized windows give the operator an unobstructed view of work area and surrounding forest.



The engine housing is engineered with a sloped hood on each side to provide maximum rear visibility on both sides of the machine.



Operator comfort directly effects day-to-day productivity. Climate controlled Prentice operator stations maximize operator comfort while providing key features like "Quick-Steer", quarter-turn steering that dramatically improves cycle times while reducing fatigue.



Joystick steering controls are available as an option for operators that prefer this type of machine controls. The joystick control system features the same fast cycle times with smooth control of all steering operations.

## Unobstructed Service Points

The tilting cab on Prentice Wheel Feller Bunchers provides unobstructed access to the hydraulic pumps and transmission. This dramatically reduces the amount of time required for routine maintenance, while standing comfortably beside the machine. Screen doors on each side of the machine protect the engine compartment while in operation. The screens can be quickly removed to gain unobstructed access to the engine compartment for routine maintenance.

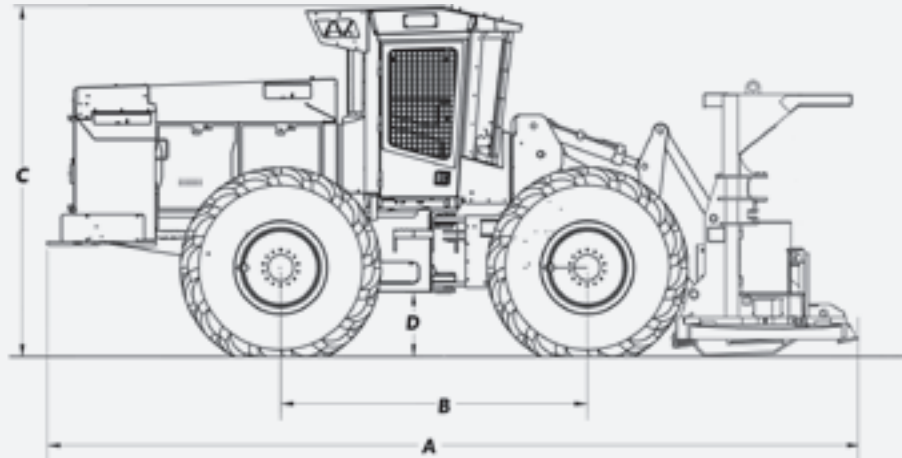


Hand pumps smoothly tilt the cab for quick, unobstructed maintenance.



The junction between the engine compartment and operator station is fully sealed. Hose routings are designed to maximize service life.

## 2470 · 2570 · 2670 DIMENSIONS



	<b>2470</b>	<b>2570</b>	<b>2670</b>
<b>A+</b> Overall Length	706 cm (278.0")	767 cm (302.0")	767 cm (302.0")
<b>B</b> Wheelbase	258 cm (101.5")	287 cm (113.0")	287 cm (113.0")
<b>C*</b> Overall Height	316 cm (124.3")	320 cm (126.0")	320 cm (126.0")
<b>D**</b> Ground Clearance	53 cm (21.0")	53 cm (21.0")	53 cm (21.0")
<b>E***</b> Overall Width	274 cm (107.9")	292 cm (115.1")	292 cm (115.1")
<b>F</b> Turning Radius	455 cm (179.0")	503 cm (198.0")	503 cm (198.0")
<b>G</b> Weight, Less Attachment	11,476 kg (25,300 lbs)	12,372 kg (27,275 lbs)	12,599 kg (27,775 lbs)

- all dimensions shown with 71.1 cm (28") x 66 cm (26") tires

**Notes:** + 2470 with SH48 High Capacity Saw, 2570/2670 with SS56 Side Cut Saw

\*for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 3 cm (1.2"); for 77.5 cm (30.5") x (81.3 cm (32") tires add 13 cm (5")

\*\*for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 3 cm (1.2"); for 77.5 cm (30.5") x (81.3 cm (32") tires add 10 cm (4")

\*\*\*for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 29 cm (11.5"); for 77.5 cm (30.5") x (81.3 cm (32") tires add 12 cm (4.8")



## 2470 · 2570 · 2670 SPECIFICATIONS

<b>Engines</b>		<b>2470</b>	<b>2570</b>	<b>2670</b>
Cummins QSB 6.7L, w/ Grid Air Heating and Charge Air Cooling, Tier 3 Compliant		STD	STD	STD
Rated Power @ 2200 RPM		173HP (129kw)	190HP (142kw)	220HP (164kw)
Flexxair Reversing Fan		NA	OPT	OPT
Fuel Tank Capacity		273 L (72 Gal)	273 L (72 Gal)	273 L (72 Gal)
<b>Electrical System</b>				
12-volt System with Circuit Breaker Protection and Master Disconnect		STD	STD	STD
130 Amp Alternator		STD	NA	NA
145 Amp Alternator		NA	STD	STD
Lighting Package – 2 Forward, 2 Side, 2 Rear Facing, Mounted to Cab		OPT	OPT	OPT
<b>Structural</b>				
Tilt Over Operators' Cab		STD	STD	STD
Heavy Duty Engine House		STD	STD	STD
Bolt-on Rear Canopy		OPT	OPT	OPT
Wrap-around Bumpers/Pressurized Water Tank		STD	STD	OPT
Long-life Tapered Roller Bearing Center Joint		STD	STD	STD
<b>Drive Train</b>				
Hydrostatic transmission with variable displacement pump and variable displacement motor. Two speed transfer case with manually operated shift/propel interlock; inboard planetary axles with front and rear hydraulic differential lock.				
Hydrostatic Pump		182L/min @ 37,370kPa 48 GPM @ 5420 PSI	182L/Min @ 37370kPa 48 GPM @ 5420 PSI	46L/Min @ 37,740 kPa 65 GPM @ 5420 PSI
Filtration	13 Micron Absolute Rating	STD	STD	STD
Axles	HA 2503 Front & Rear	STD	STD	STD
	HA 2513 Front (required for tire sizes over 67/34 x 25)	NA	OPT	OPT
Brakes	Service brake-hydrostatic-dynamic braking, plus pedal operated, wet disc brakes on the front axle	STD	STD	STD
	Parking brake-lever operated, cable actuated with caliper disc on drive line at transfer case	STD	STD	STD
Travel Speeds	Low Range w/ 28L x 26 Tires	8 km/H (0-5 MPH)	8 km/H (0-5 MPH)	8 km/H (0-5 MPH)
	High Range w/28L x 26 Tires	24 km/H (0-15 MPH)	24 km/H (0-15 MPH)	24 km/H (0-15 MPH)
Tires	28 L x 26 14 PR	STD	STD	STD
	30.5 x 32 16 PR	NA	OPT	OPT
	67 x 34 X 25 14 PR	OPT	OPT	OPT
<b>Hydraulic System</b>				
Pumps – Load sensing, variable displacement pumps for lift and tilt and attachment, double gear pilot/differential lock & circulation pump				
Disc Saw – Fixed Displacement Piston Pump		98L/min @ 24,132kPa 26 GPM @ 3500 PSI	98L/Min @ 27,579kPa 26 GPM @ 4000 PSI	121L/Min @ 27,579 kPa 32 GPM @ 4000 PSI
PSI Cylinders	Steering (Bore x Rod)	8.9 cm x 5.1 cm (3.5" X 2.0")	8.9 cm x 5.1 cm (3.5" X 2.0")	8.9 cm x 5.1 cm (3.5" X 2.0")
	Lift (Bore x Rod)	10.2 cm x 6.4 cm (4.0" X 2.5")	10.2 cm x 6.4 cm (4.0" X 2.5")	10.2 cm x 6.4 cm (4.0" X 2.5")
	Tilt (Bore x Rod)	8.9 cm x 6.4 cm (3.5" x 2.5")	10.2 cm x 6.4 cm (4.0" x 2.5")	10.2 cm x 6.4 cm (4.0" x 2.5")
Filtration	Main Return - 4.5 Micron Absolute	STD	STD	STD
	Auxiliary Hydraulics - 13 Micron Absolute Rating	STD	STD	STD
<b>Operator Station and Controls</b>				
High visibility operators cab, reverse slope LEXAN windshield, eyebrow skylight, left side entry door, recessed door latch, sliding windows, right side emergency exit, high back operator's seat, electronic gauges and warning lights, air conditioning/heating system, digital AM/FM Radio/CD Player with XM receiver, horn, 10 lb. fire extinguisher, water tank hose storage, dual 12V power points, power tilt cab with hand pump, right hand joystick lift and tilt control, 1/4 turn "Quick Steer" with steering wheel, foot pedal gathering arm control, lap belt, joystick steering and back-up alarm				
Joystick Steering with Foot Pedal Gathering Arm Control, Four-point Seat Belt		STD	STD	STD
Joystick Steering with Joystick Button Gathering Arm Control, Four-point Seat Belt		OPT	OPT	OPT
Joystick Steering with Joystick Button Gathering Arm Control, Four-point Seat Belt		OPT	OPT	OPT

We reserve the right to change specifications and to improve our products without notice or obligation.



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