

# BC-60 Brushcutter



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## Key Features

The BC-60 Brushcutter includes the following key features:

- Fully enclosed, climate-controlled, two-operator cab, with tinted safety glass windows
- Two hydraulic-controlled cutter arms; 8' cutting width per head
- Total 60' cutting reach, 30' each side of track center; 21' vertical reach (max.) at 21' horizontal extension
- Quadco 48" saw-blade-style cutting disks; blade-style cutter head available
- Lever-type hydraulic operator controls for boom and cutter head movements
- Cummins Tier III diesel engine
- Electrically controlled gear shifting
- Integrated hydraulic sliding counterweight/turntable
- Quick stop option for immediate stops when operating under 5 mph
- Suspension lock-up option for stiffer suspension during certain work conditions
- Electrically controlled hydrostatic propulsion

*Cut easily through dense brush or trees with up to four-inch diameter trunks!*

## Stay balanced during single-sided operations

Activate the operator-controlled sliding counterweight to maintain balance during single-sided operations, even on slopes.

## Dust and debris stay outside

Stay protected from dust, debris, precipitation, and temperature extremes in the climate-controlled, fully enclosed, pressurized cab.

## Terrain changes? Obstructions? No problem.

Tilt, rotate, or pivot the cutter heads to adjust to terrain changes or maneuver around obstacles. Move the boom up and down to adapt to terrain levels or use the boom swing to move the cutting heads to the desired cutting area.

## Extend cutting reach to 60 feet

Extend the cutter heads up to 30 feet from the track center - on both sides of the machine - for a total reach of 60 feet (each cutting head has an eight-foot cutting width). Also, extend the cutter heads up to 21 feet vertically (maximum) to trim branches and high brush.

## Adjust debris spray for different conditions

Set the cutter head rotation on the optional blade-type cutter head to direct where debris lands - close to the track in populated areas and away from the track in open areas.

## Cut and mulch at same time

Use the saw-blade cutter head to cut easily through dense brush and trees with up to four-inch diameter trunks. Mulching teeth on the cutter head shred the vegetation to reduce debris spray.



Large windows and mirrors provide clear visibility of the work area. Intuitive control panel allows quick access to needed controls.



Lever-style operator controls provide precision positioning of the booms and cutter heads.

### **Control your cutting area**

Cut on one or both sides of the rail, depending on operator availability and terrain constraints. Also, use either one or both cutting heads to narrow or expand your cutting width.

### **Automatic boom breakaway protection**

Encounter an immovable object such as a large rock or tree stump? The BC-60 automatically rotates backward 20 degrees to allow time for corrective action.

### **Stop immediately when necessary**

Set the quick stop controls to allow immediate brake stops when necessary.



Breakaway boom joint protects boom by rotating backward when encountering an immovable object.

## **Ask us about...**

### **Rebuild Programs**

Are your maintenance-of-way machines getting older and less reliable? Nordco can rebuild virtually all maintenance-of-way equipment, regardless of original manufacturer, restoring your machines to like-new status.

### **Component Exchange Programs**

Do you only need a replacement component, such as a workhead or axle, for your maintenance-of-way machine? You can order new or rebuilt components to be delivered directly to your shop or field operations.

### **Trade-In Programs**

Interested in purchasing a new maintenance-of-way machine, but wondering what to do with your existing equipment? In many cases, you can trade in your current equipment for credit towards a new machine.

### **Rental Programs**

Have a short-term need for a particular maintenance-of-way machine? Check our website for a current list of available rental equipment.

### **Parts Availability**

Need parts for your maintenance-of-way machine? Contact our part experts at 1-800-647-1724, Monday through Friday, 7:30 a.m. to 5:00 p.m. US Central Time.

Want to ensure that you order the most essential parts to keep your maintenance-of-way machine operational? Check our website or ask your parts sales representative about the available critical component kits and basic spare part kits for your machine.

Not sure what parts to order for preventive maintenance or winterization? You'll find a large range of kits available - check our website or ask your parts sales representative.

## Optional Equipment

Category	Option Type	Description
Cutting Heads	Blade type	Quadro mulching head; blade-type flail cutter heads (two-blade flywheel for low impact cutting and three-blade flywheel for medium impact cutting), Pro Mac three-blade cutter head
Cold Weather	Machine heaters	Electric heaters for engine and hydraulic tank, diesel-fired engine heater
	Cab heaters	Espar cab heater, Espar Airtronic 4 diesel-fired cab heater
	Brakes	De-icing feature
Repair & Maintenance	Tools	Schroeder test mates
	Gauges	Hydraulic system pressure gauges, hydraulic tank fluid level gauge, hydraulic temperature gauge in cab, fuel level gauges
	Pumps and alarms	Electric top-off pump, low hydraulic level alarm, high hydraulic temperature alarm
Other Accessories	Miscellaneous	Additional manual storage box, additional manuals, Danger - Live Track signs (chain-mounted), DOT reflective tape
	Lighting	Locomotive lights, electrical cabinet light, perimeter lighting with raised lights on engine shroud, dome light in engine compartment
	Fire suppression system	Sprays fire control materials (operator controlled)

## Product Specifications

Category	Specification	Value
General	Weight	55,800 lbs
	Length	30' 3"
	Width	Booms retracted: 11' 10"; Both booms extended: 61'
	Height	12' 5"
	Wheel base	13' 6"
	Travel speed	35 mph (maximum)
Capacities	Fuel tank	120 gallons
	Hydraulic tank	170 gallons with sight gauge
Engine	Make/Model	Cummins Tier III diesel engine
Hydraulic System	Pumps	Track drive: Sauer Danfoss 90 series Workhead cylinders and controls: Sauer Danfoss 45 series Cutter head motor pumps (2): Permco
	Control valves	Husco
	Oil Cooler	Electric fan
Pneumatic System	Engine-mounted compressor	13 cfm @ 120 psi
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle / Wheels	Axle size	5-inch
	Wheel size and type	24-inch diameter, cast steel
Brakes	Type	Cast iron or sintered shoe

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