



C100LGP FORESTRY MOWER



📞 1300 072 926

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VIC 24-28 Williams Road Dandenong Sth. 3175 **NSW** Unit 49-50 Cassola Pl Penrith SW 2750
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QLD 191 Magensium Dr, Crestmead QLD
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C100LGP INTRODUCTION

Product Overview:

When you go into the bush, you need a machine you can count on. You need a loader-style mulching machine that's purpose built from the ground up to be the most productive and reliable in a mulching application. The C100 is that machine. It's equipped with a 99.2 hp Kubota engine and Rayco's exclusive Super Flow closed loop, hydraulic system, providing 5,500 psi to the Predator mulcher head. To extend service intervals, the C100 features an advanced forestry cooling system which is easy to maintain and will extend service intervals, even when operating in the most extreme conditions. High capacity coolers allow operation in the hottest ambient temperatures. Debris screens filter out most of the contaminants that plug radiators and are easily removed for routine cleaning. The C100LGP model features a higher ground clearance and a heavier undercarriage. The C100LGP's larger chain and wider pads provide extra floatation and traction and a longer service life.

General Specifications - C100LGP

Operating Height	102.8" (261.1cm)
Ground Clearance	18.2" (46.3cm)
Length Carrier only	129.1" (327.9cm)
Length with Winch	143.2" (363.7cm)
Length with Winch and Mulcher	184.5" (468.6cm)
Width	79.5" (202cm)
Weight Carrier only	12,100lbs (5488kg)
Weight with Winch	12,600lbs (5715kg)
Weight with Winch and Mulcher	14,950lbs (6781kg)
Max Mowing Height	117.7in (299cm)
Max Height of Attachment Hinge Point	92.7" (235.5cm)
Tip Load 35%	2,500lbs (1134kg)
Tip Load 50%	3,500lbs (1588kg)
Finish	Yellow and Black Powder Coat
Travel speed - High Range/Low Range	6.9kph/4kph
Standard Skid Steer (SAE style) Attachment Plate	



Features Overview:

- Purpose Built Forestry Mower/Mulcher
- 99 hp Kubota Turbo Diesel
- Certified ROPS/FOPS/OPS Cab
- Rayco-Exclusive Forestry Door with 1.25-inch (3.17cm) Lexan
- Rooftop Escape Hatch
- Easily Removable Debris Screens to Protect Coolers
- Heavy-Duty Steel Undercarriage
- Remote Track Tension System with Tension Monitor
- 2-Speed Ground Travel
- Rayco-Exclusive Cooling System
- Super Flow Closed Loop Hydrostatic Cutter Head Drive
- Hydraulic Rear Winch
- Predator Mulcher Head with Variable Displacement Motor
- Optional Back-Up Camera

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ENGINE

Model: Kubota V3800DI-T-E3B, Tier 3/Stage IIIA,
Vertical 4-cycle, Turbocharged, liquid Cooled diesel

Number of cylinders: 4

Bore: 3.94" (10cm)

Stroke: 4.72 (12cm)

Displacement: 230 cu. in

Maximum no load RPM: 2600

Gross HP at maximum no load RPM: 99.2HP

Maximum rated torque: 240ft lbs @1600 RPM

Cooling medium: liquid cooled

Air Cleaner: Dry type with Pre-Cleaner

Oil Filter: Spin-on type

Fuel Tank Capacity: 40 gallons (151L)

Electrical System: 12 volts/55 AMP Alternator

Valves: Overhead Displacement



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TRACTOR DESIGN



- Lockable Engine Compartment
- Swing-out Engine Doors
- Remote Track Adjustment Block
- Track Pressure Data Logger
- Removable Floor Plan
- Easy-Fill Hydraulic and Fuel Tanks
- Interior Tool Boxes
- Large Front Step
- Grab Handles
- (2) Recessed Rear LED Lights
- Backup Alarm
- Hydraulic Winch: Rear Mounted, 12000lbs (5,443kg) Capacity
- SAE Attachment Plate



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UNDERCARRIAGE

- Suspension, Rigid Type
- Track Roller Frame, High Strength Steel
- Rollers and Idlers, Lifetime Lubrication
- Track Chain, Steel, Sealed
- Drive Sprocket, 23 Tooth
- Track Rollers: 6 each side with Rock Guard
- Track Shoes: Steel, 500mm (19.68") Single Grouser
- Ground Pressure Carrier only: 3.61 psi (24.9kPa)
- Ground Pressure w/ Winch: 3.76psi (25.9kPa)
- Ground Pressure w/Winch and Mulcher: 4.46psi (30.8kPa)



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CAB

- ROPS, FOPS and OPS Certified
- Cam Lock Rear Window
- Pilot Operated Joystick Controls
- Suspension Seat
- Sliding Vent Windows, sides
- **Climate Control:** Heat & AC
- **Forestry Door:** 1-1/4" Thick Lexan with Steel Mesh Guards
- **Safety:** Three Escape Exits, Door, Roof, Rear Window
- Windshield Wiper w/1.2L Reservoir and 20" Single Blade
- Fire Extinguisher, 2.5lb
- Side Slope Inclinometer
- **Lighting:** (3) Protected LED Forward Lighting



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GAUGES

- Engine Oil Pressure
- Fuel
- Hydraulic Oil Temperature
- Engine Oil Temperature
- Tachometre
- Voltmetre
- Hour Metre



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SAFETY SHUTDOWNS

- Engine Temperature
- Hydraulic Oil Level
- Hydraulic Temperature
- Engine Pressure
- Low Coolant Level



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WARNING LIGHTS

- Engine Coolant Temperature
- Engine Oil pressure
- Alternator
- Intake Air Cleaner
- Hydraulic Oil Filter
- Hydraulic Oil Level
- Hydraulic Oil Temperature
- Low Coolant Level
- Seat Belt 3" Width



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HYDRAULIC SYSTEM

- Closed Loop
- O-ring Face Seal, Hose and Fittings
- High Pressure In-line Hydraulic Oil Filter
- Hydraulic Pressure: 3400PSI
- Hydraulic Pump Flow: 19GPM
- Lift Cylinders: 2-3/4" Diametre
- Roll Cylinder: 3" Diametre
- Hydraulic Reservoir: 24 Gallons (90.8L)
- Rear Auxiliary Hydraulics: 19GPM, 3400PSI
- High Flow Hydrostatic: 39GPM, 5500PSI
- Oil Type: MegafloTM AW HVI Hydraulic Oil 46



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COOLING SYSTEM

- Reversing Fan on Hydraulic Cooler
- Easy Remove Pre-Screen
- Primary Engine Radiator Core in Limb Riser
- Muffler Located Outside of Engine Compartment
- Hinged Rear Access, with Louvered Air Intake
- Swing-out Winch
- Closed, hinged, Top Cover over Hydraulic Cooler
- Single A/C Condenser
- Engine Sucker Fan



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FM100-6R MOWER HEAD

- Rotor Diameter: 16.75" (42.55cm)
- Rotor Speed: 2200RPM
- Finish: Yellow and Black Powder Coat Paint
- Drive Belt: Gates Polychain® GT
- Overall Width: 83in (211cm)
- Cutting Width: 71in (180cm)
- Weight: 2350lbs (1066kg)
- Teeth: (36) Carbide Tipped
- Parker™ V14 Variable Displacement Drive Motor (Min and Max Disp. 80-160cc)

- Overhung Load Adapter
 - Adjustable Tree Catcher
 - Replaceable Skid Shoes
 - Standard SAE Attachment Plate
 - High Visible Hydraulic Pressure Gauge 0-10,000psi
Ground Pressure w/FM100-6R Mulcher Head:
4.46PSI (30.8kPa)
 - Tooth Options:
 - Solid Carbide (standard)
 - Solid Carbide with Carbide Side Cutters
- Complete FAE rotor assembly replacement



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OPTIONAL EQUIPMENT

- 450mm Triple Grouser Tracks in lieu of 500mm Single Grouser (4.17psi Machine Only)
- 400mm Single Grouser Tracks in lieu of 500mm Single Grouser (4.70psi Machine Only)
- 450mm Triple Grouser Offset Tracks in lieu of 500mm Single Grouser (4.17psi Machine Only)
- **Hydraulic Skidder Winch:** Rear Mounted, 12000lbs Cap.
- High Tone Horn
- Implement High Pressure Quick Disconnect Hyd. Hoses
- Battery Tender™ Battery Trickle Charger Kit
- Master electrical switch kit
- Winter fluids kit
- Power supply kit for cold start aids
- Engine oil pan heater kit
- Engine block heater
- Hydraulic oil reservoir heater
- Back-Up Camera with 7in Display
- **FM100-6 Forestry Mower:**
 - Same as FM100-6R except with FAE style Teeth and Holders
- **Various Implements:**
 - Tree Shear
 - Dirt Bucket (16.9in3)
 - Pallet Forks
 - Construction Bucket
 - Log Forks
 - Grapple Bucket

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