

EVO 205D

EXPERIENCE THE EVOLUTION

  
GreenMech



GreenMech  
EVO SERIES

EVO 205D



When we launched **EVO** 165, we said...

## WE LISTENED, WE WORKED & WE MADE IT AWESOME

In order to produce the 6.5 inch chipper  
the industry was looking for.

- ▶ **MORE** AGGRESSIVE TORQUE
- ▶ **MORE** AGGRESSIVE BITE
- ▶ **MORE** THROUGHPUT

Customers tell us we've achieved those  
objectives and now we've turned our  
attention to **EVO** 165's Big Brother –  
**EVO** 205 – using all our experience to  
develop an exceptional 8 inch machine.

## SEE FOR YOURSELF

# FEATURES & BENEFITS

## INFEED AREA:

### ► WIDE IN-FEED CHUTE

Reduces the time needed with the saw and helps prevent inadvertent triggering of the safety bar when feeding in wide branches.

### ► LETTER BOX SHAPED IN-FEED THROAT

Offers the advantage of getting the forked material into the processor before bridging the sides of the throat.

### ► HORIZONTAL ROLLERS

Gather and grip the material while offering a smooth flow into the processor with reduced lateral movement.

### ► PIVOTALLY -MOUNTED TOP ROLLER

Allows for free movement of timber, offered at different angles, without jamming.

### ► MANUAL ROLLER LIFT

The top roller pivot arm has a port to accommodate a bar, allowing the roller to be manually lifted to gain clearance if required.

### ► FLOATING SAFETY BARS

Offers equalised pressure on all touch points of the bar and, with the new style bottom bar, helps reduce nuisance tripping.



## CONTROLS:

### ► NEW "SMART SENSE" CONTROLLER

Provides "no-stress" overload protection, automatic load detection and a range of engine and chipper data to ensure optimum performance.

### ► RESET/ REVERSE BUTTONS

Conveniently placed on each side of the infeed chute.

### ► ELECTRONIC THROTTLE BUTTON

Placed with the reset and reverse controls, one press of the yellow button will bring the engine either up to working speed or down to idle.

### ► FLOW REDUCTION VALVE (FRV)

Allows the operator to regulate the flow of material into the machine and to adjust the chip size.

### ► NO- STRESS SYSTEM

Self manages and retains a required material flow rate through the processor without blocking or stalling the machine.



## CHIPPING:

### ► HEAVY FLYWHEEL

At 126kg, the new flywheel offers unparalleled processing power for a machine of its size.

### ► DISC BLADE TECHNOLOGY

With 6 disc blades per flywheel, their slicing action makes the blades more tolerant to the occasional contaminant that can get into the system and offers an expected life of over 900 hours per set.

### ► OVERSIZE GREASE-ABLE FLYWHEEL/ DISC BEARINGS

Offers prolonged use of machine without the worry of bearing failure.

### ► SHARPEN YOUR OWN DISCS

With GreenMech's easy-to use disc blade sharpener.



## QUIET POWER:

### ► COMPLIANT DIESEL ENGINE

The Stage V Kubota 50hp diesel engine provides all the power you'll need and, in combination with the "Smart Sense" controller, optimises your fuel consumption.

### ► NOISE LEVEL

An additional fan provides extra air to the system and allows a lower standard engine operating speed, without any loss of efficiency. This reduces fuel consumption and creates a significantly quieter machine.

### ► 114 DB SOUND POWER / 91 DB SOUND PRESSURE

The hinged steel bonnet is lined with noise reduction material which, in combination with the disc blade system, offers one of the quietest wood chippers on the market.



## MAINTENANCE:

### ► BLADE MAINTENANCE

Improved access to the flywheel and the special locking system allows for safe and easy maintenance.

### ► CENTRALISED GREASE POINTS

All the major grease points in one location making regular servicing easy.

### ► EASE OF SHEAR BAR ACCESS

We have designed the Evo 205D to offer good access to both the vertical and horizontal shear bars.

### ► ONE PIECE STEEL BONNET

The all steel, one piece, hinged bonnet allows for strength and durability and offers great access.

### ► GRAB HANDLES

Positioned so that the machine can easily be manoeuvred by hand.

### ► UNDERSLUNG PLASTIC TANKS

Offers an "at a glance" view on fuel and hydraulic oil levels.



## TOWING:

### ► FOLDING INFEED CHUTE

Allows for good visibility of the lighting board in transit and gives a shorter overall length for storage.

### ► ADJUSTABLE DRAWBAR

Helps marry up the vehicle to the chipper while retaining the minimum 600mm infeed table height.

### ► LED LIGHTS

Compatible with both 12 and 24 volt systems, they offer bright lighting that will withstand the humps and bumps of our trade.

### ► REMOVABLE LIGHTING CABLE

Takes away the need to wrap excess cable around the jockey wheel, so avoiding the risk of the cable rubbing on the ground.

### ► OPTIONAL FOLDING DISCHARGE CHUTE

Ideal when storage and access heights are restrictive.



# SPECIFICATIONS

## EVO 205D

CAPACITY	205mm
ENGINE MAKE	Kubota
ENGINE OUTPUT	50hp
FUEL	Diesel
CHIPPING FLYWHEEL	Disc type
FLYWHEEL SPEED	1450 rpm
BLADES	6
HYDRAULIC FEED ROLLERS	Twin horizontal
POWER CONTROL	No Stress
FUEL CAPACITY (ENGINE)	33 litres diesel
TYRE SIZE (TOWED)	185/70/R130
SPARE WHEEL	Standard
TONNES PER HOUR	7
INFEEED CHUTE APERTURE	700mm x 1250mm
INFEEED THROAT SIZE	205mm x 270mm
DISCHARGE CHUTE	280 degrees rotation
HYDRAULIC OIL CAPACITY	33 litres
HOUR METER	Standard
LENGTH (TRANSPORT)	4000mm max
WIDTH	1600mm max
HEIGHT	2760mm max
WEIGHT	1450 Kgs
SOUND POWER LWA	114dB(A)
SOUND PRESSURE LPA	91dB(A)

## SUPPORT & FINANCE

**3** YEAR  
WARRANTY  
AS STANDARD

### WARRANTY:

GreenMech offers an industry-leading 3 year unlimited, "no quibble" Parts and Labour warranty.

**NATIONWIDE  
DEALER  
NETWORK**

### NATIONWIDE DEALER NETWORK:

GreenMech supports its UK customers via an unrivalled network of dealers, providing local knowledge and expertise in both sales and aftersales areas.

**GREENMECH  
FINANCE**

### FINANCE:

GreenMech Finance can provide a package of finance options to UK customers to maximise their investment and optimise their cash flow.



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