

# PRODUCT BROCHURE



**Green Climber**  
*Challenge Accepted!*

REMOTE CONTROLLED SLOPE MOWER




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The fully remote controlled Green Climber mower is perfect for carrying out maintenance of green areas, roadsides and highways, particularly in inconvenient or dangerous to reach places. Thanks to the extendable undercarriage tracks and light weight, its awesome grip on the terrain allows it to tackle steep gradients (up to 60 degrees) with ease, uphill, downhill and diagonally – resulting in a safe job executed with speed and precision.

***WANT MORE?***

[www.greenclimber.com.au](http://www.greenclimber.com.au)

-  [greenclimberaustralia](#)
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**Model LV500 PRO**

# Green Climber OPERATIONAL FEATURES

## WIDENING TRACKS.

These make the Green Climber almost unstoppable. In extreme situations if the regular width is not enough to avoid capsizing risk, the track width can be increased by 400mm to gain stability and balance. The tracks are widened by the remote control. Widening tracks combined with a low centre of gravity mean the machine can work on slopes up to 60 degrees.

## FULL HYDRAULIC FLOATING SYSTEM.

The fully hydraulic floating system is unique to the Green Climber and eliminates mechanical stress to the implement lift system. The flail can be set to free floating up and down to follow the ground contours. Alternatively, you can raise the flail to the desired cut height with the hydraulic cylinders, which still allows free upward travel and memorised height in the down position.

## PIVOTING FLAIL CUTTER.

The flail cutting unit is mounted on a pivoting axle which allows the mower to follow the ground level independently to the rubber tracks.

## REMOTE CONTROL SYSTEM.

The remote control system has a long range of up to 100 metres. This controls all functions required to operate the machine. Extra features on the LV400, LV500, LV600 & LV800 models;

- **Straight line tracking; to correct the track speeds for driving in a straight line on steep slopes**
- **Reverse controls for when machine is travelling towards the operator**
- **Reverse the cooling fan when debris collects on the radiator screen**
- **Speed limiter to refine the controls for precise operation**
- **Reverse direction of the flail or implement (LV500, LV600 & LV800 only)**
- **A spare battery for the remote control is stored on the machine that is constantly charging during operation**

## FLAIL SIDE SHIFT.

The unique flail side shift on the Green Climber allows you to offset the flail 400mm in either direction. This allows for close trimming even when the tracks are expanded. This feature is also great for maintaining traction on steep slopes as the flails can be offset to the high side of the unit.

WIDENING TRACKS +400mm



FULLY HYDRAULIC FLOATING SYSTEM



PIVOTING FLAIL CUTTER



REMOTE CONTROL SYSTEM



FLAIL SIDE SHIFT - 400mm each side





**MDB**  
**Green Climber**  
[www.mdb srl.com](http://www.mdb srl.com)

**Model LV600**

**MDB Fixed Tooth Forestry Mulcher**

# Green Climber DESIGN FEATURES

## TRACK DESIGN.

The Green Climber undercarriage has a specially designed track system to avoid de-tracking risk. This includes additional rollers as well as a lower track guide limiting twist on the track. The rubber tracks are tensioned with a grease cylinder designed to hold the track very tight. When the track tension is maintained they will not come off.

## THREE-STEP AIR FILTERING SYSTEM.

This filtering system is to ensure good engine air intake, with a cyclone pre-filter system which has a rotating device that avoids debris to enter the main air filter. A good air filter system improves engine performance and reduces fuel consumption.

## LOW CENTRE OF BALANCE.

The Green Climber has the lowest centre of balance in its category, due to the low position of the engine and oil tank. The engine, with the radiator and the pumps, are fixed to the main frame with a high quality silent block. All Green Climber models come with specially modified engines rated for continuous operation on 60 degree slopes. These engines have a modified patent pending sump and oil pick up system.

## “CLEANFIX” SYSTEM.

The Green Climber utilizes the “Cleanfix” system for the radiator. This system reverses the air flow automatically and cleans debris build up from the radiator. If needed, the cleaning of the radiator can also be manually actuated, with a button on the remote control. When the radiator is kept clean, there is lower fuel consumption and lower engine temperature.

## HYDRAULIC SYSTEM.

The Green Climber is a fully proportional hydrostatic hydraulic system; allowing the operator to have smooth movements and to control the machine drive and attachments perfectly. The three main hydraulic functions that require hydraulic power are the flail cutting head and the left and right drive motors. Each of these functions have independent pumps to ensure hydraulic pressure is not lost from one motor to another. The traction motors have electronic variable speed (EVS) rather than 2 speed, providing maximum torque and power at any speed. A fourth smaller pump controls all ram functions and the auxiliary line. The whole hydraulic system is designed to work with lower pressure and low temperature to ensure all hydraulic parts will last longer.

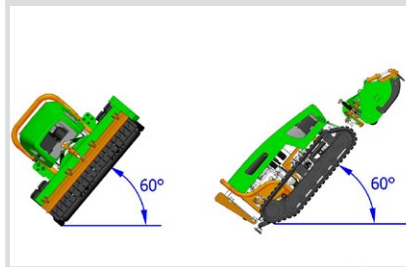
TRACK DESIGN



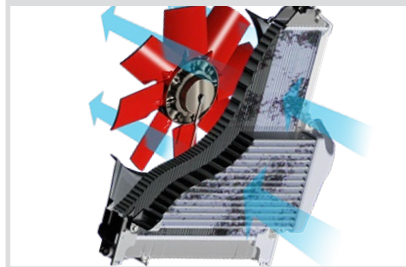
THREE-STEP AIR FILTERING SYSTEM



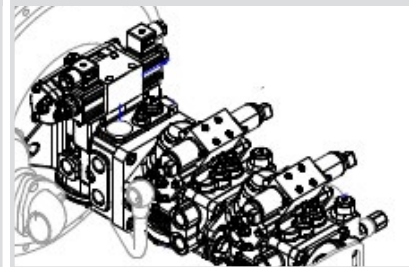
LOW CENTRE OF BALANCE



“CLEANFIX” SYSTEM



HYDRAULIC SYSTEM



# F300 PRO

• Yanmar Diesel 23.5HP • Water Cooling • 60 Degree slopes



The Green Climber F300 PRO is designed to carry out maintenance work on grassy grounds, roadsides and motorways that are particularly uncomfortable or dangerous to reach. Its low weight and compactness make Green Climber a vehicle suitable for any type of situation.

The track position is fixed at a width of 1570mm, allowing the flail to be placed in between the tracks, giving it better access in or out of ditches, or to work on uneven ground. The cutting height is set manually, making the F300 the easiest to operate and the best performer on steep grassy slopes.

Having the lowest centre of balance in its category, the lightweight F300 PRO is capable on extreme slopes (up to 60 degrees in both directions).

**CALL FOR AN ONSITE DEMO!**



# F300 PRO

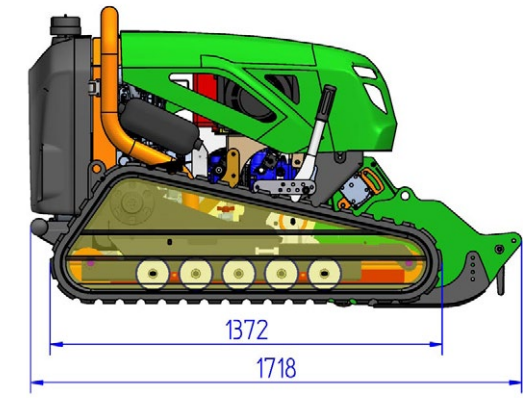
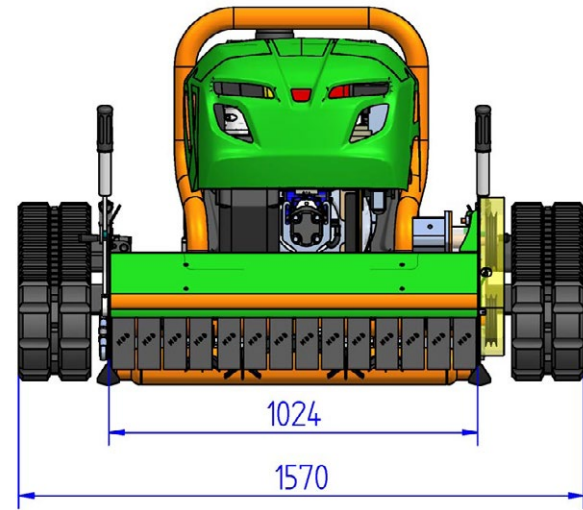
## BENEFITS

- Light and compact, holds the best on the steepest slopes
- Easily transportable on a trailer or small van
- Reach areas with very steep slopes (up to 60°) in any direction
- Fast performance and low operative costs compared to traditional systems
- MAXIMUM SAFETY
- Cuts long grass and saplings up to 40mm



## SPECIFICATIONS

- Model: F300 Pro
- Engine: Yanmar 23.5 HP 17,8 Kw
- Weight: 785kg
- Max working gradient: 60 degrees (all directions)
- Speed: 7 km/h
- Cooling System: Water
- Fuel Tank: 21 L
- Flail Speed: 3000 rpm
- Main attachment pump: 31 L/M @ 200 bar



# LV400PRO

- Yanmar 36HP • Liquid Cooling • 60 Degree slopes



The Green Climber LV400 PRO combines the compact, lightweight frame of the model F300 PRO with the safety and innovation of the larger models.

The LV400 PRO has the widening tracks for greater stability on slopes, but can retract for tighter mowing areas. The result is a strong, versatile machine that is able to withstand the harshest of cutting environments and effortlessly work (in both directions) on slopes up to 60 degrees.

**CALL FOR AN ONSITE DEMO!**





## BENEFITS

- Easily transportable on a trailer or van
- Reach areas with very steep slopes (up to 60°) in any direction
- Fast performance and low operative costs compared to traditional systems
- Undercarriage expands up to 300mm giving it an aggressive hold on slopes
- Pivoting cutting head with hydraulic float
- Reversible fan and oversized radiator allow for continuous work at full power and high outside temperatures
- MAXIMUM SAFETY

## SPECIFICATIONS

Model: LV400 Pro

Engine: Yanmar 36 HP 26,9 Kw

Machine Weight: 875kg

Standard Y Flail Weight: 300kg

Max working gradient: 60 degrees

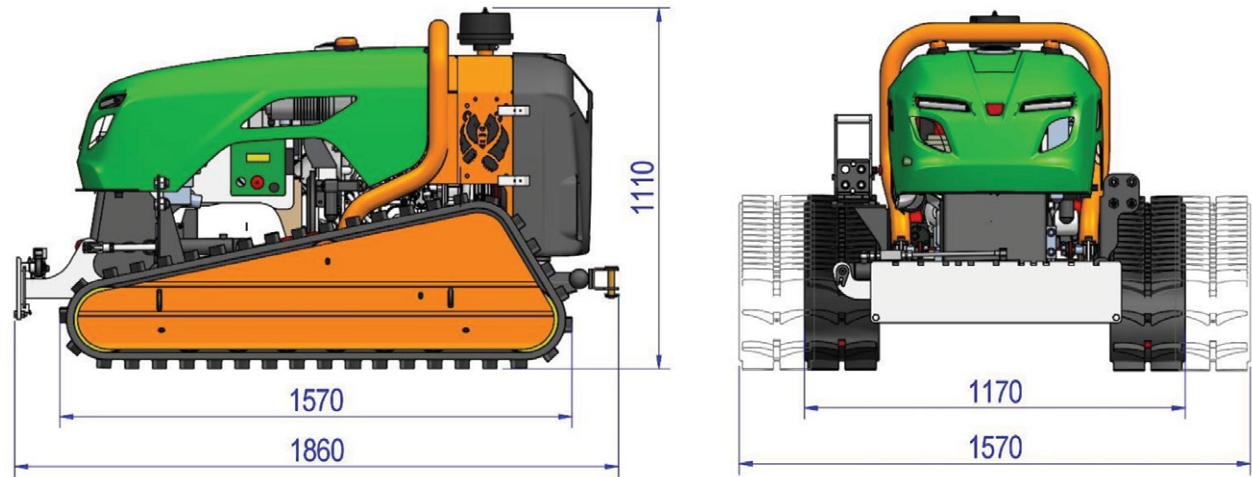
Speed: 9 km/h

Cooling System: Liquid

Fuel Tank: 21 L

Standard Y Flail Speed: 3000 rpm

Main attachment pump: 58,8 lt/min @250bar



# LV500 Pro

- Yanmar 50HP • Liquid Cooling • 60 Degree slopes



The Green Climber LV500 Pro is a long range remote controlled flail mower, with a low weight and low centre of gravity, that allows it to work on unbelievably steep slopes (up to 60° in both directions).

Specifically designed to carry out maintenance of green areas, roadsides and highways in areas particularly inconvenient or dangerous to reach this model is ideal for all your remote control vegetation management.

**CALL FOR AN ONSITE DEMO!**

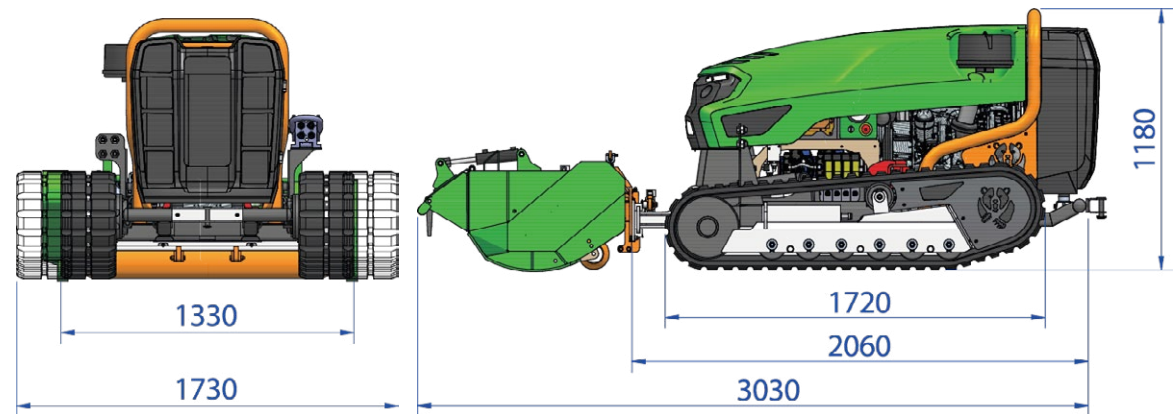


## BENEFITS

- Reach areas with very steep slopes (up to 60°) in any direction
- Fast performance and low operative costs compared to traditional systems
- All attachments are remote controlled - high flexibility and productivity
- Availability of different attachments
- MAXIMUM SAFETY
- Standard flail cuts long grass and saplings up to 80mm

## SPECIFICATIONS

Model: LV500 Pro
Engine: Yanmar 50 HP - 36 kW
Machine Weight: 1280kg
Standard Y Flail Weight: 370kg
Max working gradient: 60 degrees (all directions)
Speed: 7 km/h
Cooling System: Liquid
Fuel Tank: 29 L
Standard Y Flail Speed: 3300 rpm
Attachment Pump: 70 L/M @320 bar
Service Pump: 24 L/M @ 190 bar



# LV600 PRO

• Kohler Turbo Diesel 56HP • Liquid Cooling • 60 Degree slopes



The Green Climber LV600 Pro is the dominating force for intensive vegetation management.

The Kohler Turbo Diesel engine provides the ultimate power to operate on extreme slopes in all directions.

High performance tracks and a hydraulically expanding track system mean you can increase stability with simply just the push of a button.

For a relatively small package, the LV600 packs a massive punch!

**CALL FOR AN ONSITE DEMO!**

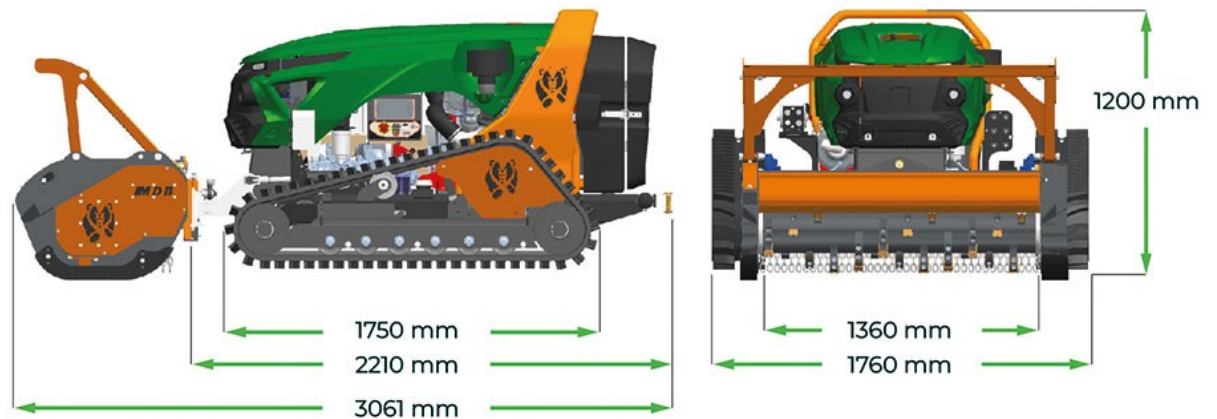


## BENEFITS

- Easily transportable on a trailer or small van
- Reach areas with very steep slopes (up to 60°) in any direction
- Fast performance and low operative costs compared to traditional systems
- Availability of different attachments
- Capable of operating forestry mulchers and the stump grinder with ease
- MAXIMUM SAFETY
- Standard flail cuts long grass and saplings up to 80mm

## SPECIFICATIONS

Model: LV600 Pro
Engine: Kohler Turbo 56HP - 42Kw
Machine Weight: 1400kg
Standard Y Flail Weight: 370kg
Max working gradient: 60 degrees (all directions)
Speed: 8 km/h
Cooling System: Liquid
Fuel Tank: 29 L
Standard Y Flail Speed: 3300 rpm
Attachment Pump: 83 L/M @320 bar
Service Pump: 24 L/M @180 bar



# LV800 Pro

• Kohler Turbo Diesel 74HP • Liquid Cooling • 60 Degree slopes



The Green Climber LV800 is the ideal machine to tackle extreme conditions that are too dangerous for an operator. With remote control, track widening up to 1910mm, and a 4-cylinder water cooled Kohler diesel engine, you can rely on the LV800 Pro to complete your job with ease and precision.

Green Climber is mainly used with flail mulchers and fixed tooth forestry mulchers, however the quick release hydraulic coupling and attachment mount plates makes it possible to fit other hydraulic attachments providing they are compatible with the machine weight, the hydraulic flow and pressure, and the engine power.

**CALL FOR AN ONSITE DEMO!**



# LU800PRO

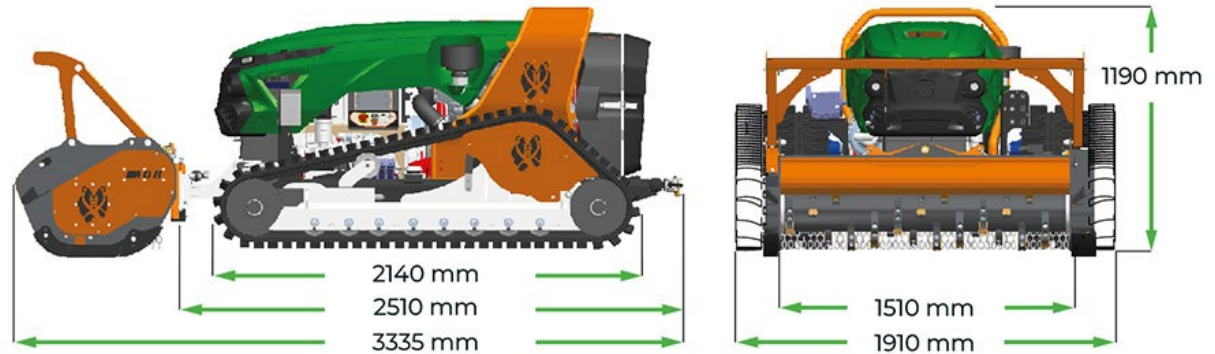
## BENEFITS



- Easily transportable on a trailer or small van
- Reach areas with very steep slopes (up to 60°) in any direction
- Fast performance and low operative costs compared to traditional systems
- Availability of different attachments. Winch comes standard
- Capable of operating forestry mulchers and the stump grinder with ease
- MAXIMUM SAFETY
- Standard flail cuts long grass and saplings up to 80mm

## SPECIFICATIONS

Model: LV800Pro  
Engine: Kohler Common Rail Turbo Intercooler 75.5 HP 55 Kw  
Machine Weight: 1910kg  
Standard Y Flail Weight: 390kg | Mulcher: 600kg  
Max working gradient: 60 degrees (all directions)  
Speed: 9 km/h  
Cooling System: Liquid  
Fuel Tank: 52 L  
Standard Y Flail Speed: 3300 rpm  
Attachment Pump: 106 L/M @350 bar



# Optional ATTACHMENTS

## STANDARD Y FLAIL

**STANDARD Y FLAIL** | The standard flail mulcher is the most versatile all-rounder, fitted with reversible 3-piece flail creating a 'Y' shape. These work best in grass but will mulch green softwood sapling material up to 70mm. Has an opening front hood, rubber debris flaps and rear roller.

### FOR MODELS

LV400 | LV500 | LV600 | LV800

Cutting width from 1,000mm to 1,500mm depending on horsepower

### OPTIONAL HAMMER FLAIL



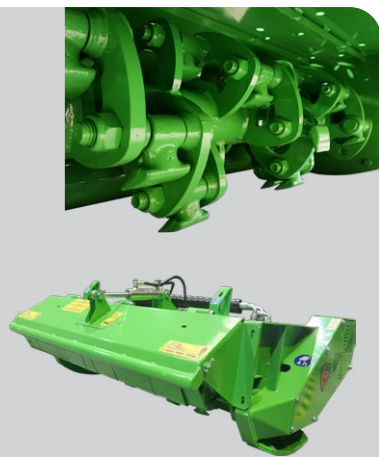
## FORESTRY FLAIL

**FORESTRY FLAIL** | Performance sits between the standard Y flail head and the fixed tooth forestry mulcher. This Forestry Flail is equipped with one-piece flails that swing 360° to handle thicker green saplings up to 100mm. Has an opening front hood, steel debris flaps and rear roller.

**FOR MODELS** LV500 | LV600 - Cutting width

1,250mm

LV800 - Cutting width 1,500mm



## LOADER BUCKET



**LOADER BUCKET** | A robust attachment designed for extra versatility. Essential for the loading and handling of materials in confined or hazardous environments, to guarantee safe and effective material handling, by letting the bucket do the work. Fully operated by the remote control system.

**FOR MODELS** LV400 | LV500 | LV600 | LV800

## STUMP GRINDER

**STUMP GRINDER** | For many contractors and commercial operators, versatility equals profits. The stump grinder attachment tackles any stump, anywhere. The side shift is an added benefit for repositioning the stump grinder without moving the machine. Up, down, left, right movements all controlled by the left joystick.

### FOR MODELS

LV500 | LV600 | LV800







For more information on accessories & attachments:  
[www.greenclimber.com.au/attachments](http://www.greenclimber.com.au/attachments)

**Optional**

# ACCESSORIES

**FORESTRY MULCHER**

**FORESTRY MULCHER\*** | The fixed tooth forestry mulcher is compact and powerful, able to cut green trees up to 200mm in diameter.



**FOR MODELS**

LV500 | LV600 - Cutting width 1,300mm  
 LV800 - Cutting width 1,500mm

**PALLET FORKS**

**PALLET FORKS** | For many contractors and commercial operators, versatility equals profits. This versatile attachment reduces the need for a forklift! Fully operated by the remote control system.



**FOR MODELS**

LV400 | LV500 | LV600 | LV800

**FINISHING MOWER**



**MADE TO ORDER**

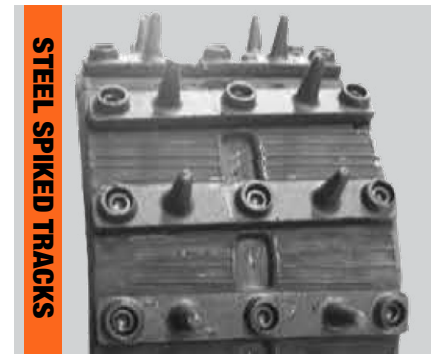
**FINISHING MOWER** | This attachment allows the Green Climber to mow grass, replacing the need for a PTO tractor. Perfect for roadside maintenance where you want to protect the operator from the high risk of passing traffic. Manoeuvre around drains and culverts more efficiently than a tractor would with the rotary finishing mower.

**FOR MODELS** LV400 | LV500 | LV600 | LV800

**QUICK RELEASE WINCH**



**STEEL SPIKED TRACKS**



\*Attachment widths vary in size to match the model of Machine

# Optional **ATTACHMENTS**

## GRAPPLE

**GRAPPLE\*** | A versatile attachment is ideal for picking up and moving logs, trees or heavy objects. Fully operated by the remote control system.

### FOR MODELS

LV400 | LV500

LV600 | LV800

**MADE TO ORDER**



## FORESTRY PROTECTION

### FORESTRY PROTECTION PACKAGE |

An integral protection package for heavy forestry applications. Allows the Green Climber to work in extreme conditions whilst maintaining maximum protection, without obstructing movements of the machine.

**FOR MODELS** LV600 | LV800



## SPRAYER

**SPRAYER** | Increase the usefulness of your Green Climber with a custom sprayer with a tough poly boom attachment. Fully operated by the remote control system, this specialty attachment is custom-built to order and available in various volumes and sizes depending on your job requirements.

### FOR MODELS

LV400 | LV500

LV600 | LV800

**MADE TO ORDER**



## TRAILER

**TRAILER** | Made to order 3.5T rated Galvalised tandem axle trailer with spring assisted fold down ramps allow our clients to easily move the Green Climber site to site.

**MADE TO ORDER**



\* Attachment widths vary in size to match the model of Machine



## Mobile

The size and weight of the Green Climber makes it easy to tow behind a standard utility or SUV with 3.5 tonne towing capacity. *\*Subject to state towing laws and trailer brake capacity.*

## Places for use

Green Climber is most at home on:

- Highways and roadsides
- Bushland
- Riverbanks
- Dangerous overgrown areas
- Steep slopes + more

# MODEL SPECIFICATIONS

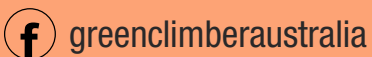
Model	F300 Pro	LV400 PRO	LV500 PRO	LV600 PRO	LV800 PRO
Manufacturer	MDB - Italy	MDB - Italy	MDB - Italy	MDB - Italy	MDB - Italy
Engine Model	Yanmar Diesel	Yanmar Diesel	Yanmar Diesel Turbo	Kohler Diesel Turbo	Kohler Diesel Turbo
Horsepower	23.5HP	37HP	50HP	56HP	75.5HP
Torque	67 Nm	103Nm	146 Nm	225 Nm	300 Nm
Fuel type	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel capacity (L)	15	21	29	29	52
Ground speed (Km/hr)	7	9	7	8	9
Hydraulic oil tank (L)	12	21	32	47	47
Standard Y Flail Speed	3000 rpm	3000 rpm	3300 rpm	3300 rpm	3300 rpm
Standard Y Flail Weight	93kg	300kg	370kg	370kg	390-600kg
Gradeability/Stability	60°	60°	60°	60°	60°
Cylinders	3	3	4	4	4
Machine Weight only	785kg	875kg	1280kg	1400kg	1910kg
Height	1045mm	1110mm	1180mm	1180mm	1190mm
Machine Length	1870mm	1860mm	2060mm	2160mm	2430mm
Machine Width	1570mm	1170-1570mm	1340-1740mm	1360-1760mm	1510-1910mm
Cutting head pivot	No	Yes	Yes	Yes	Yes
Other attachments	No	Yes	Yes	Yes	Yes
Warranty	12 months	12 months	12 months	12 months	12 months



For warranty enquiries, contact us at [sales@smemowers.com.au](mailto:sales@smemowers.com.au) for more information.

**CALL US TO ORGANISE AN ONSITE DEMONSTRATION**

**1800 088 567 | [www.greenclimber.com.au](http://www.greenclimber.com.au)**



**Green Climber**  
*Challenge Accepted!*

We reserve the right to change or update this information without notice.