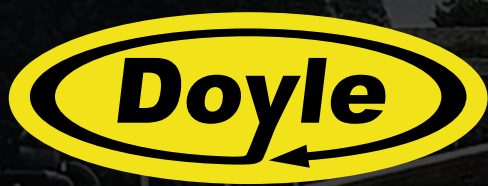


# Rambo 500 Pile Driver



**Quality  
Engineered  
Equipment**

[denisdoyleltd.com](http://denisdoyleltd.com)

# About the Rambo 500

Denis Doyle Ltd offers a range of pile drivers to meet the growing demands of the solar industry.

The Rambo 500 self-driven pile driver meets the needs of medium to large solar contractors. The Rambo 500 did not just evolve from a motorway (Highway) safety barrier pile driver, it was specifically designed from the ground up for the solar industry. This self-propelled machine is maintainable locally through a manufacturing process that includes major components from recognised global brands. It has a 5 tonne undercarriage with the best ground clearance on the market, which allows travel even in the most difficult terrains.

The Rambo 500 comes as standard with a 6 metre telescopic mast, this mast is unique to the pile driving industry with its compact design. Coupled to the twin telescopic beam it allows rapid ease of operation.

At the heart of the hydraulic system is the Eaton load sensing hydraulic pump, which again is unique to the pile driving industry and the result/advantage is greater fuel efficiency plus you get excavator type hydraulic performance.

The Rambo 500 comes with a remote control as standard which allows safer loading of the machine which is a requirement in certain markets.

The use of quality of components is very important to us and we try to use the best at all times.



# Features

## Mast

The Rambo 500 telescopic mast drives piles up to 6.1m long without the need to mechanically break the mast down prior to transport. It is the most compact design on the market and as a result 3 machines can be loaded and secured on a 12m trailer in minutes from a worksite. Coupled with the compact & powerful Furukawa F6 hammer (1,350 J), the mast offers unrivalled productivity matched with easy maintainable parts through a global support network.

With mast auto align, the mast automatically moves to a plumb orientation with a touch of a button. Unique to the Rambo 500, the height measuring system which is internally built into the mast cylinder offers absolute reliability in the harshest environmental conditions {dust or rain cannot effect performance}

## Efficient Ground Drive

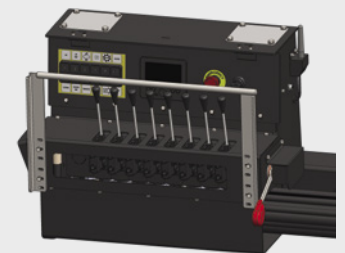
The Rambo 500 features a 5 ton undercarriage which gives proven performance when ground conditions are poor due to its wide track pad and high underbody ground clearance.

## Rambo 500 Control

The Rambo 500 unique integrated control system offers the operator a variety of machine information including mast auto align info, pile angle, pile depth, height, engine parameters & warning indicators. Through load sensing the eaton hydraulic pump & walvoil load sensing sectional valve has excavator spec hydraulic performance providing better hydraulic efficiency & precision control. Connecting the control system together are german build quality IFM cables, sensors & controllers. The machine comes standard with remote control for safer operation & safer loading/unloading of machine.

## Improve your accuracy (Nasku GPS System)

The Rambo 500 comes GPS ready which means the Nasku GPS system can be installed/integrated easily. The GPS system can double your output in the right situation by installing piles at the correct location, depth and angle. The Nasku GPS system turns the Rambo 500 into a fully automated machine.



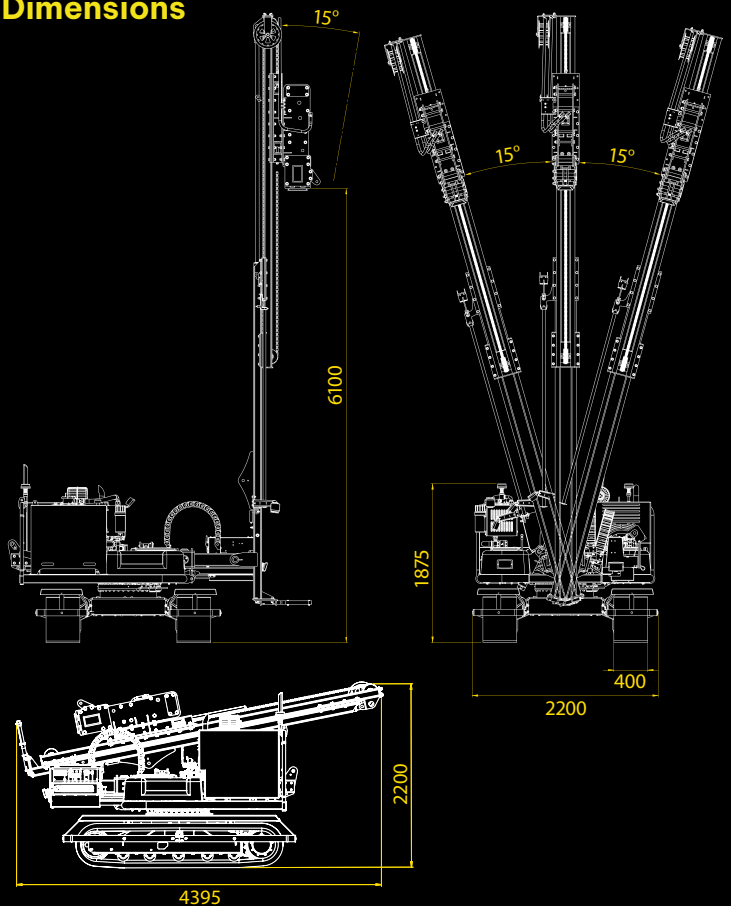
# Rambo 500 Overview

- Unique telescopic mast design provides stability and compact packaging for transportation
- Furukawa Hammer, Eaton and Walvoil Hydraulics
- German electronics (IFM)
- 6.1m (20ft) mast as standard
- Automatic post alignment
- 5 ton undercarriage
- Remote control for ease of operation (comes as standard)

## Technical Data

<b>Transport Length:</b>	4,395mm (14.5 ft)
<b>Transport Width:</b>	2,200mm (7.22 ft)
<b>Transport Height:</b>	2,200mm (7.22 ft)
<b>Hammer Type:</b>	Furukawa F6 (1,350 J)
<b>Weight with Hammer:</b>	5300KG (10300 lbs)
<b>Max Post Length:</b>	6,100mm (20 ft)
<b>Number of Impacts:</b>	1050/min
<b>Weight of Hammer:</b>	815 lbs / 370KG
<b>Flow Rate:</b>	21-24 gpm 120 l/min
<b>Motor:</b>	HATZ 4H50TIC
<b>Power:</b>	55 kW / 74 hp
<b>Electric System:</b>	12V
<b>Db:</b>	117

## Dimensions



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