

# HyCut - Hybrid RC Mower

- The HyCut Mower features a **true hybrid drive**, with electric motors powering both the tracks and the blade. The machine can travel up to 1km without needing charging input from the engine.
- The mower deck can **cut material in both directions**, allowing for minimal turning on slopes, preventing the grass from being churned up by the tracks.
- The radio control is extremely intuitive and **easy to use**, with a range of up to 300m.
- The machine can handle slopes of up to **55 degrees**, without putting the operator at risk.



**Kersten**  
SITE MAINTENANCE EQUIPMENT





# PRODUCT SPECIFICATION

## HyCut Remote Control Hybrid Mower

The Hycut is a true hybrid Mower for steep slopes and difficult terrain mowing. If you are looking for a mower that will give a great finish, with low running costs and exceptional terrain handling capabilities, then this is the mower for you!



- 23HP Briggs Vanguard petrol engine
- 55mm - 170mm cutting height
- 560kg weight
- 1150mm cutting width
- 0-6km/h speed
- 150mm wide - quick change tracks
- 2x 10.5kw air cooled planetary gear traction motors
- 1 x 10kw blade motor
- Emergency stop on machine and controls
- <53dB (electric drive)
- <78.6dB (hybrid drive)
- electric start
- no leak - Removable marine style fuel tank
- work lights
- operator presence control
- transport loops.



# DESIGN FEATURES

## True Hybrid Drive

The mower uses onboard batteries to power heavy duty electric motors for both the tracks and the mowing blades. This is charged by the engine, but the machine is able to run and cut grass for around 1km without the engine. This is very helpful for saving fuel on smaller operations, or loading and unloading the machine.



## Intelligent Motors

The intelligent motors act in tandem, slowing down the tracks if necessary to allow the blades to work through denser vegetation. The technology maintains the blade tip speed through different vegetation. This not only ensures a much more consistent cut, but also saves a lot of fuel in areas where vegetation density varies.



## Bi-Directional Cut

Our two mulching blades are able to cut grass in either direction, so as you get to the end of a row, there is no need to churn up the bank, simply adjust the angle slightly and mow in the other direction. This protects the environment and also makes mowing safer on steep slopes.



## Intuitive Remote Control

Our remote control can instruct the machine from up to 300m away, allowing the operator to be productive and safe. Providing forwards, reverse, left and right adjustment, speed control, steering sensitivity, engine start/stop, blade engage/dis-engage and emergency stop functions. The simple layout makes it extremely intuitive and easy to use. Operator presence control provides added safety if the controller is dropped.



## Cut Slopes up to 55 Degrees

Our remote control mower has a very low centre of gravity, allowing it to be used on slopes up to 55 degrees. The motors compensate for extra power requirements due to roll on the left or right, allowing the machine to remain aligned on the bank. The self locking worm gears provide a genuine brake on the slope if the controls are released.





# GALLERY



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