



# **MCCONNEL** **REMOTE CONTROL** **TECHNOLOGY**

The all new ROBOCUT - *Superior on EVERY level*

**Presented by:**  
Edward Hall  
EXPORT SALES MANAGER



# THE ROBOCUT RANGE



The all new ROBOCUT - *Superior on EVERY level*



## ROBOCUT / RC28

28hp Petrol-Electric Hybrid

55° Slope Capacity

150m Working Range

GPS & Autosteer Ready

## ROBOCUT / RC56

56hp Diesel Engine

55° Slope Capacity

150m Working Range

GPS & Autosteer Ready

## ROBOCUT / RC75

75hp Diesel Engine

55° Slope Capacity

150m Working Range

GPS & Autosteer Ready





**ROBOCUT** / **RC28**

# RC28 SPECIFICATION



The all new ROBOCUT - *Superior on EVERY level*

**ROBOCUT** / **RC28**



28hp Petrol-Electric Hybrid

Briggs & Stratton Vanguard 810cc EFI Engine

55° Slope Capacity

1.1m (1100mm) Rotary Mulching Deck

150m Working Range

1.1m (1100mm) Cutting Width

GPS and Autosteer Ready

30mm – 180mm Cut Height Adjustment

Variable Speeds of 0-7 kph

Auto Lowers to Pre-Set Cut Heights

# RC28 SPECIFICATION



The all new ROBOCUT - *Superior on EVERY level*

## ROBOCUT / RC28



### POWER

Powerful 28hp engine



### FUEL EFFICIENCY

Low fuel consumption and low emissions



### OUTPUT

High output at fully variable max speed with 4 pairs of double-cut, up draft blades



### PRECISION & CONTROL

Fully proportional remote control



### GRADIENT

Works on slopes up to 55° with 50° warning and 70° shut off



### SAFETY

Fast stop rotors (cuts out in 3 seconds)



### GPS AUTOSTEER

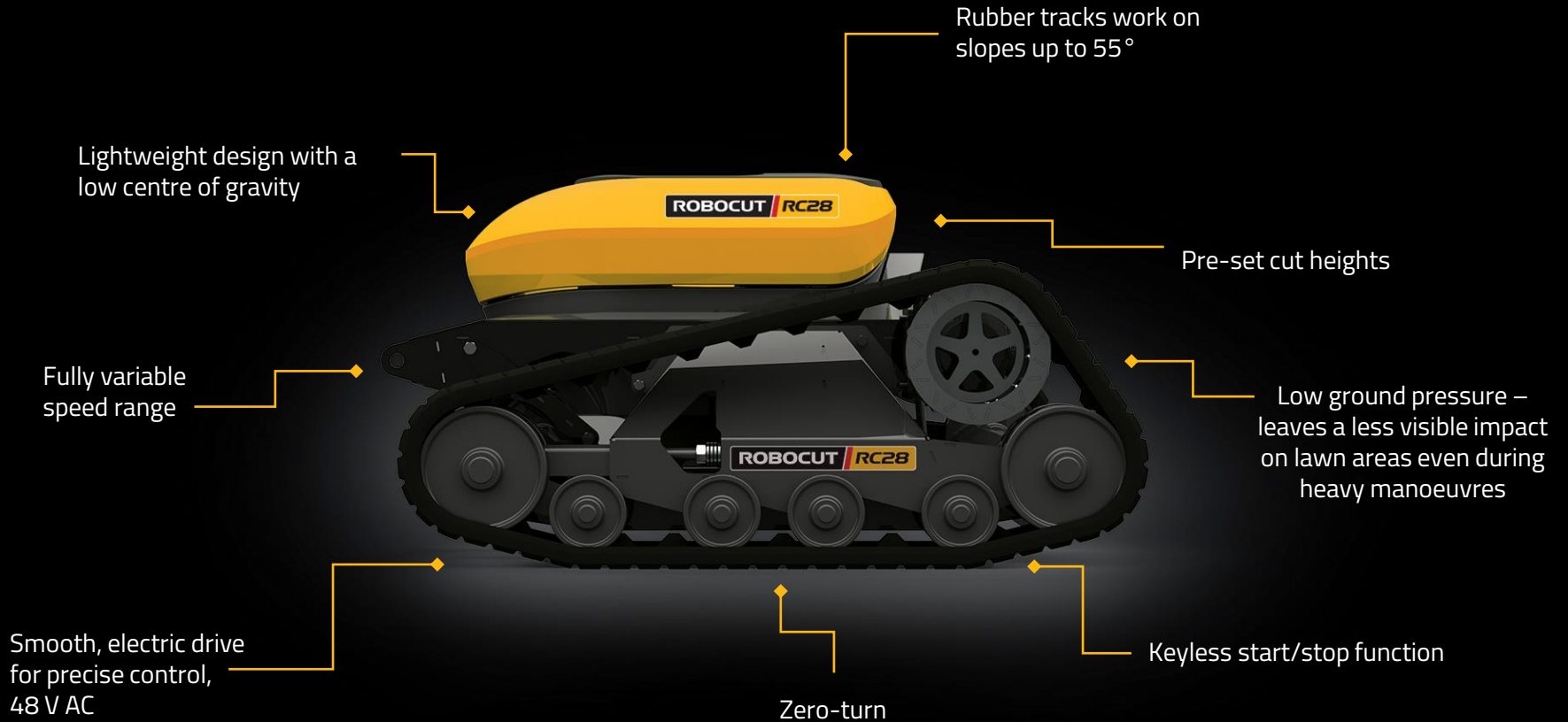
Ensures max productivity, improved safety and more efficient working



# RC28 SPECIFICATION



The all new ROBOCUT - *Superior on EVERY level*



# RC28 CONTROL UNIT



The all new ROBOCUT - *Superior on EVERY level*

Market leading  
HETRONIC digital  
control system

Increased battery life

### Machine feedback via screen:

- Speed
- RPM
- Current cut height
- Pre-set cut heights
- Operation job time
- Total rotor hours
- Total engine hours
- Signal strength



Finer and more precise  
machine control

### Future developments include:

- Video feedback
- GPS/Autosteer
- Proximity control



# RC28 ENGINE



The all new ROBOCUT - *Superior on EVERY level*



Offers up to 25% better fuel economy than its carburetted counterpart

810cc Electronic Fuel Injection (EFI) engine

Conforms to new ANSI B71.4 safety regulations and ensures proper cooling and features 32% more open area than competitive options

Cyclonic Air Cleaner provides longer life in dusty conditions

Each engine is equipped with a service light that communicates diagnostic codes

Excellent debris management and up to 30° cooler engine temperatures





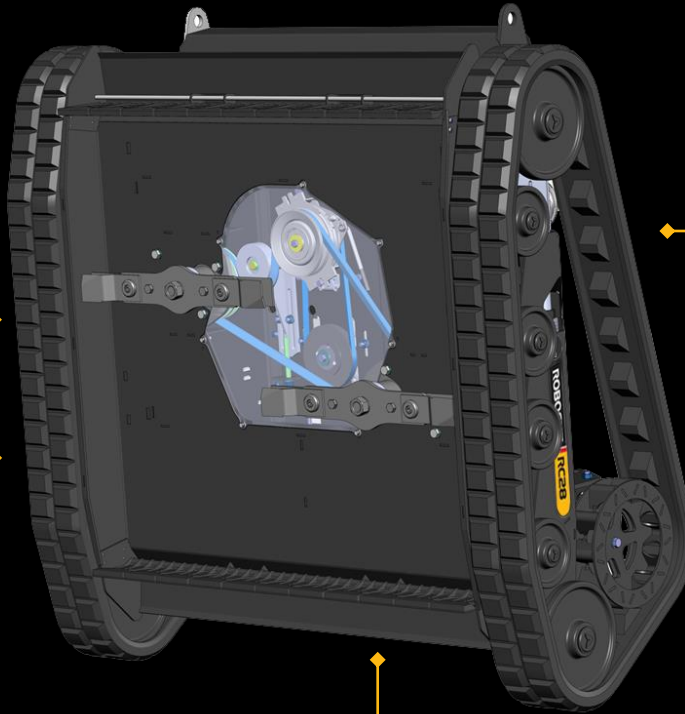
# RC28 ROTARY DECK



The all new ROBOCUT - *Superior on EVERY level*

Twin rotary deck system located on the underside of the machine

High quality of cut allows for use in parks and gardens, but the very same type of rotary deck can also be used for extensive mowing of heavy grass



Mulching blade set up featuring Hardox 700 blades

Bi-directional cutting dramatically improves productivity and reduces scruffing

Fully accessible service hatch





**ROBOCUT** / **RC56**

**ROBOCUT** / **RC75**

# RC56 & RC75 SPECIFICATION



Two choices – *Same size*

**ROBOCUT / RC56**

**ROBOCUT / RC75**



56hp, 3 Cylinder, Diesel Engine	Deck Type: Flail
Hatz Engine (Tier 4 Compliant)	1.3m – 1.9m Cutting Width
Hydraulic Drive	55° Slope Capacity
2 Speed: 0-3.5 and 0-7kph	150m Working Range

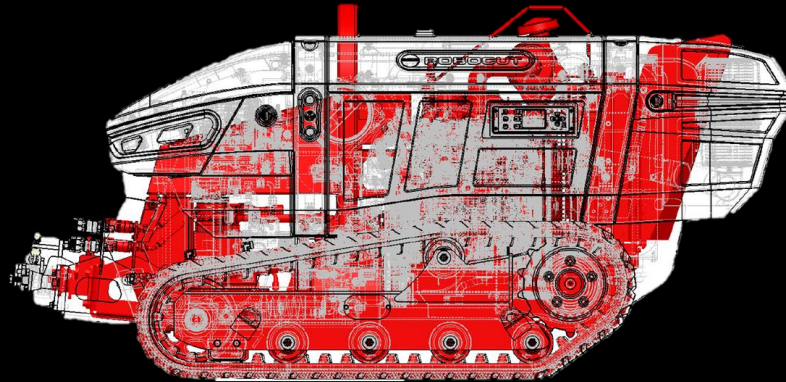
75hp, 4 Cylinder, Diesel Engine	Deck Type: Flail
Hatz Engine (Tier 4 Compliant)	1.3m – 1.9m Cutting Width
Hydraulic Drive	55° Slope Capacity
2 Speed: 0-3.5 and 0-7kph	150m Working Range



# RC56 & RC75 COMPACT PACKAGE



The all new ROBOCUT – *The overview*



OUT GOING  
2010 MODEL



IN COMING  
2019 MODEL

QUALITY, INNOVATION AND PERFORMANCE

McCONEL

# RC56 & RC75 VS ROBOCUT CLASSIC



The all new ROBOCUT - *Superior on EVERY level*

**ROBOCUT** / **RC56**

**ROBOCUT** / **RC75**



## POWER

More powerful than before – increase of 40% (RC56) and 75% (RC75)



## FUEL EFFICIENCY

20% more efficient on fuel so better value on each job



## OUTPUT

More coverage – get almost double the output in a day



## PRECISION & CONTROL

28% increase in track drive pressure plus improved hydraulic float system



## GRADIENT

Works on slopes up to 55° (alarm at 50° and automatic shut off at 70°)



## SAFETY

New flail head safety control system



## GPS AUTOSTEER

Ensures max productivity, improved safety and more efficient working



# RC56 & RC75 ENGINE



OEM modified  
and tested  
specifically for  
ROBOCUT

Only OEM (2 Year) to  
warranty engine up to  
55°

Proven reliability  
in high vibration  
applications

Tier 4 (2018)  
Stage V ready  
(Q2 2019)



Exclusive to McConnell Limited



# RC56 & RC75 CONTROL UNIT



Finer and more precise machine control

Market leading HETRONIC digital control system

Increased battery life

## Machine feedback via screen:

- Engine RPM
- Fuel Consumption
- Percentage HP utilised
- Water temperature
- Machine fault code display
- Signal strength

On machine, integrated battery charger

Fully compatible and supported with machines PCP



# RC56 & RC75 ACTIVATION PANEL



Activation panel - All the information you need

Integrated and programmable LED lights  
(pre-set with 13 default ISO standards)  
Selectable from ACTIVATION panel

Default attachment settings selectable  
from ACTIVATION display panel



Customise and  
personalise  
your settings

ACTIVATION display panel enables  
operators to configure machine  
and view statistics and error codes

Screens integrated with controls to access  
Inputs, Outputs to view, track and adjust  
when needed

Cycle through  
various screen  
options, designed  
with the operator  
in mind



# RC56 & RC75 TRACKS



THE CHOICE IS YOURS – 3 BRANDED TRACK OPTIONS AVAILABLE



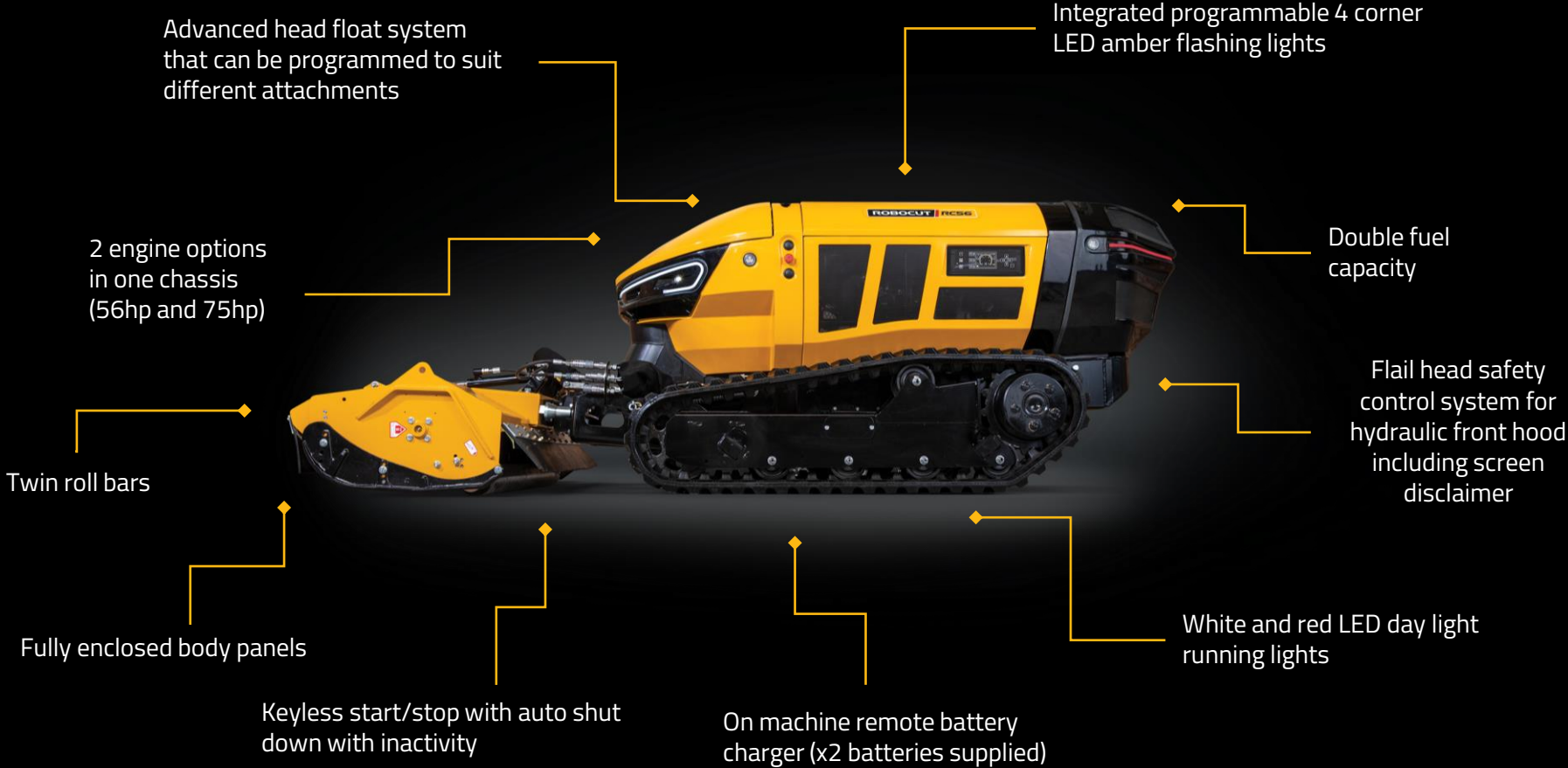
1.  
STANDARD RUBBER  
TRACKS

2.  
SUPER RUBBER  
TRACKS

3.  
STUDDER  
TRACKS



# RC56 & RC75 BENEFITS & FEATURES



Advanced head float system that can be programmed to suit different attachments

Integrated programmable 4 corner LED amber flashing lights

Double fuel capacity

Flail head safety control system for hydraulic front hood including screen disclaimer

White and red LED day light running lights

On machine remote battery charger (x2 batteries supplied)

Keyless start/stop with auto shut down with inactivity

2 engine options in one chassis (56hp and 75hp)

Twin roll bars

Fully enclosed body panels



# RC56 & RC75 ATTACHMENTS



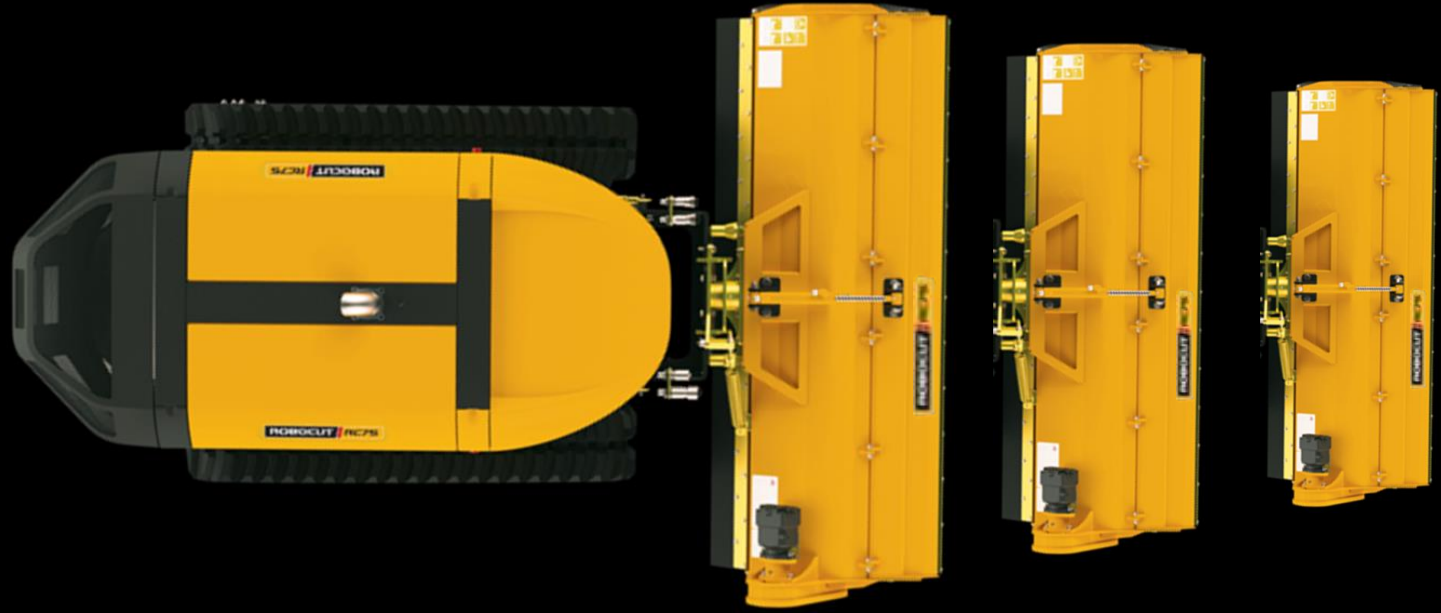
PLENTY TO CHOOSE FROM – ADDITIONAL FLAIL HEAD WIDTHS ARE AVAILABLE (UP TO 2.0M)

Additional flail head widths

75" (1.9m)

63" (1.6m)

51" (1.3m)



Grass head

Grass head  
Forestry head  
Mulcher head

Grass head  
Forestry head  
Mulcher head



# PRODUCTION COMMENCES



**ROBOCUT / RC28**

Q 1

2 0 1 9



**ROBOCUT / RC56**

Q 4

2 0 1 8



**ROBOCUT / RC75**

Q 4

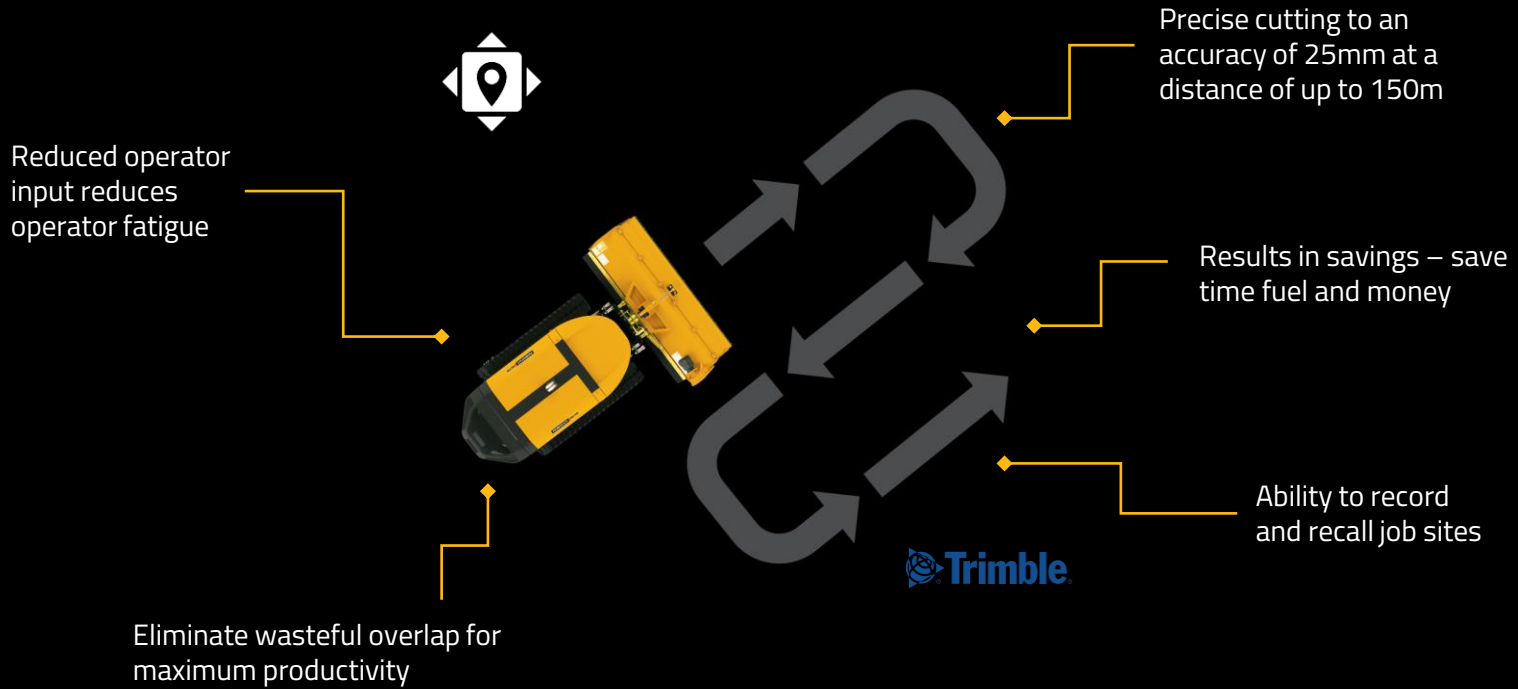
2 0 1 8



# FUTURE PROJECTS



WHAT'S NEXT FOR ROBOCUT? – FUTURE DEVELOPMENTS OF THE RC56 & RC75



**ROBOCUT / RC56**

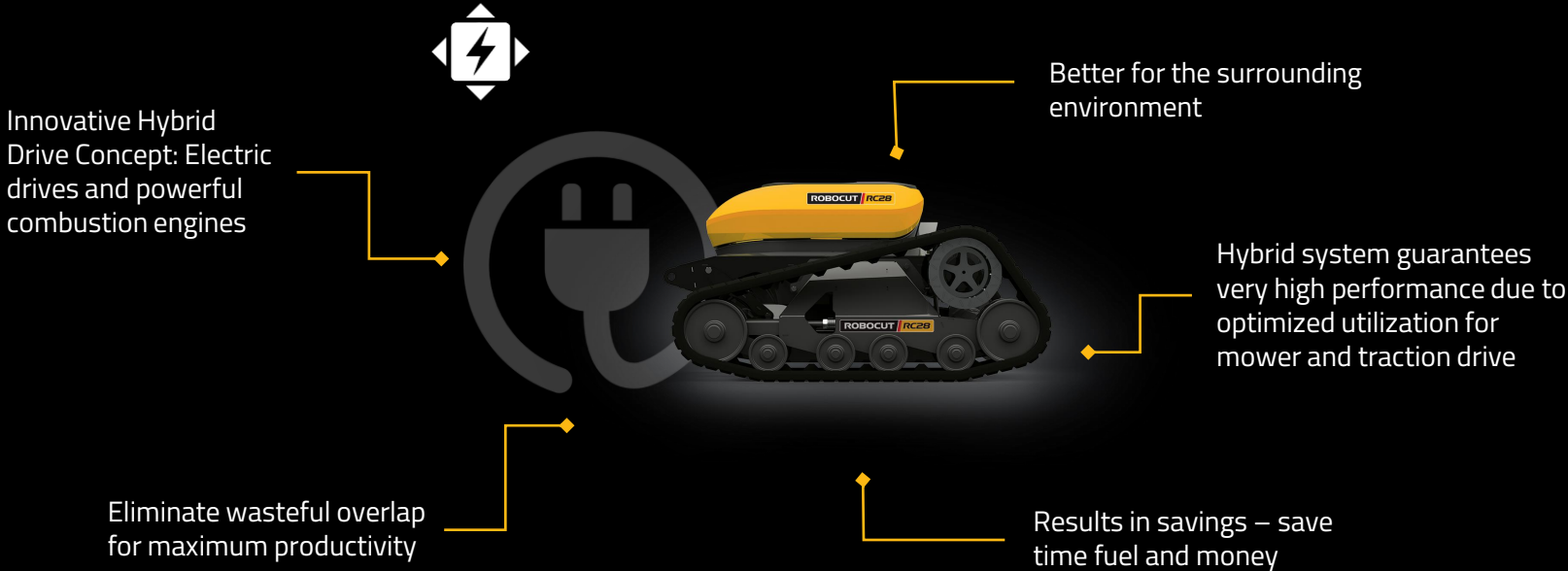
**ROBOCUT / RC75**



# FUTURE PROJECTS



## WHAT'S NEXT FOR ROBOCUT? – FUTURE DEVELOPMENTS OF THE RC28



**ROBOCUT / RC28**





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