

**Cub Cadet**

**ENDURO SERIES™**

RELAX WHILE  
**YOUR ROBOT DOES**  
THE MOWING



**XR**  
**ENDURO SERIES™**

**ROBOTIC MOWERS**



**2019**

**Cub Cadet**<sup>®</sup>



# POWERFUL PERFORMANCE FOR FASTER MOWING.

With our XR ENDURO SERIES™ Cub Cadet presents Robotic Mowers that raise the bar for automated lawn mowing.

You can choose from a total of five models: the new XR1 500 for small areas, the two XR2 models for areas up to 2,000 m<sup>2</sup> and the two top-of-the-range XR3 models for areas up to 5,000 m<sup>2</sup>. All of which meet a wealth of power and performance needs.

Thanks to their stronger mowing systems compared to similar models, the XR mowing robots mow up to 10 % faster, so you can spend more leisure time in your garden.

Whichever XR robotic mower you choose, the same end result is guaranteed: a perfectly trimmed lawn in next to no time.



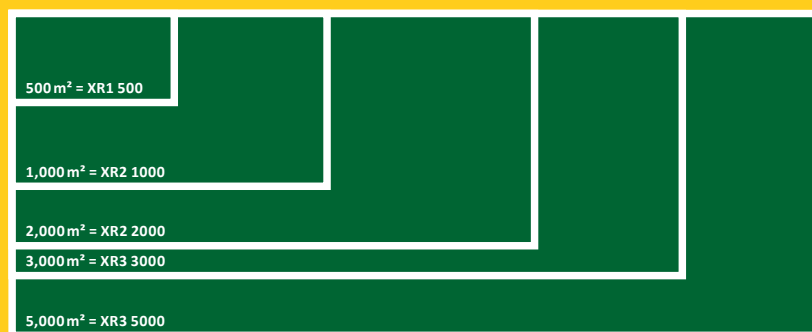
**Best results.  
Maximum efficiency.  
Solid construction.**



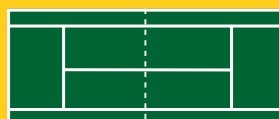
## FIND THE PERFECT XR ROBOTIC MOWER FOR YOUR NEEDS.

Using our diagram, you can quickly find the XR Robotic Mower that will provide the best mowing result for your lawn.

Simply select the size of your lawn to find the suitable model and installation kit. For example, if the size of your lawn is 2,600 m<sup>2</sup>, then you need the XR3 3000.



The area performance based on the cutting width can be achieved under optimum conditions.



Not to scale

For comparison:  
A tennis court has an area of 260 m<sup>2</sup>.

## PLENTY OF OUTSTANDING FEATURES

The XR ENDURO SERIES robotic mowers include a huge range of features that help deliver ultra-efficient performance. As well as making mowing more convenient, they also create a uniquely precise and fast cut.



### BEST-IN-CLASS

Outperforms other models with a durable and powerful mowing system. Mows up to 10% faster all-round.



### STATE-OF-THE-ART TECHNOLOGY

Performance and features to meet professional needs, such as a GSM module, SmartApp 2.0, brushless DC motors and multi-zone mowing.



### POWER WHEELS AND CUTTING WIDTH

Extra-wide high-grip wheels for exacting requirements. Mows lawns measuring 500–5,000 m<sup>2</sup> efficiently.



### MULTI-ZONE CAPABILITY:

Sub-zones connected to the main zone can be mowed consecutively. For separate zones that are not connected to the main area, a RoboZone or a second station is required.



### ULTRA-ROBUST HOUSING

Designed to meet the toughest demands.

# XR

ENDURO SERIES™



### PIN CODE SECURITY

By entering your own unique PIN you can ensure that no one else uses your XR robotic mower.



### INTEGRATED RAIN SENSOR

If it rains the XR robotic mower automatically returns to its base and only starts cutting again once the weather improves.



### SMARTMOW

Instead of just stopping and turning shortly before it reaches the perimeter wire, the XR robotic mower turns in a continuously smooth arc, saving time.



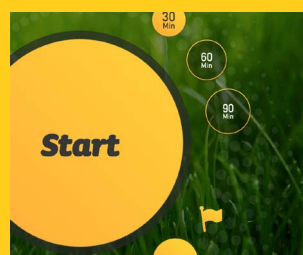
### PERFECT RIGHT TO THE LAWN EDGE

Seamless agility and unique edge mode for mowing over the wheelbase – for perfect lawn edges.



### POWERFUL MOTORS

High-performance motors cut lawns quickly and efficiently. The brushless motors (not included in the XR1 500 and XR2 1000) run almost silently and require minimal maintenance.



### SMART APP 2.0

Communicate with the robotic mower via your smart phone and control all its functions.

# THE FUTURE OF MOWING TODAY

Cub Cadet has included a whole range of up to the minute digital features that will make it even easier to control the various functions of your XR robotic mower. From our Smart App 2.0 which gives you the control to programme your robotic mower using your smart phone to the MyXR portal where you can find out about your mower usage and change your schedules if required. Cub Cadet is one of the first robotic mower manufacturers to have Alexa available to allow you to control your mower with your voice.



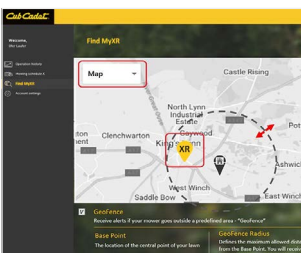
### ROBOZONE

The RoboZone signal transmitter can easily activate separate zones without a second charging station. It is available as an accessory with a power cord or a battery option if there is no power.



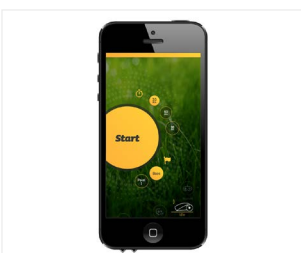
### ROBOCONNECT GSM

This 2-way module allows the robot to communicate remotely. It connects the XR with the SMART APP 2.0 as well as the web portal MyXR.



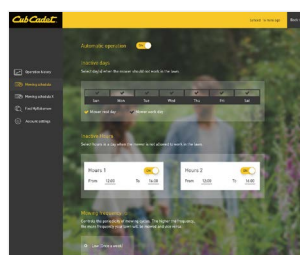
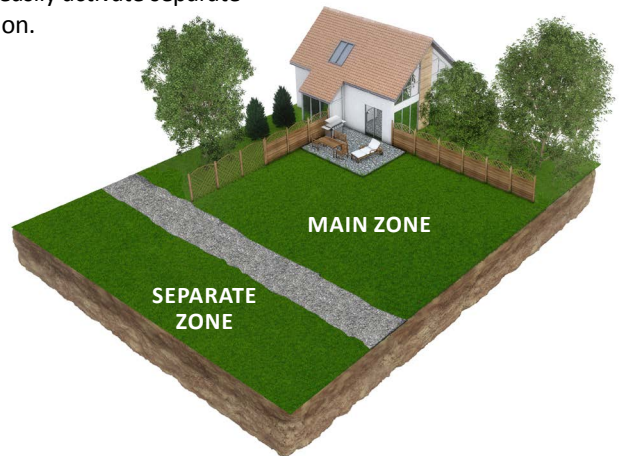
### ROBOCONNECT+ GPS

RoboConnect+ sends a message to your smartphone when the mower leaves a defined radius around your garden. MyXR also allows you to view the location of your XR robotic lawnmower at any time (Included with the XR2 2000 and XR3 5000 models.)



### SMART APP 2.0

This app lets you control one or several XR robotic mowers simultaneously. You can change settings and mowing schedules remotely and access mowing reports.



### MyXR

The MyXR portal informs you about mower use, issues reports, and gives you access to mowing schedules which you can change as required.



### ALEXA-COMPATIBLE

All Cub Cadet robotic lawnmowers can be controlled with your voice via the Amazon Alexa voice service. You can activate this as a skill in Alexa.

**ENDURO SERIES™**

**XR**  
**ENDURO SERIES™**



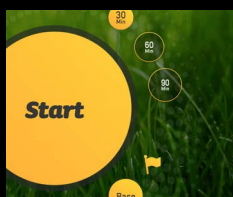
**NEW**

[www.cubcadet.co.uk](http://www.cubcadet.co.uk)



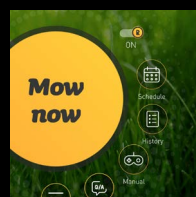
## COMPLETE CONTROL USING YOUR SMART PHONE

The SMART App 2.0 allows the robotic mowers in the XR ENDURO SERIES™ to be controlled and programmed securely and conveniently using your smart phone. Simply download the app, install it on your phone and sit back and watch the robot do the work.



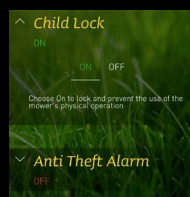
### PROGRAMME SETTINGS

- Deploy the mower
- Return to base
- Deactivate automatic start
- Set mowing times



### UPDATES\*

- Mowing progress
- Battery charge
- Mowing times



### CUSTOMER SERVICES

- Immediate assistance
- Online diagnostics
- Online troubleshooting



# THE RIGHT MOWER FOR ANY LAWN

No two gardens are the same. There could be one main lawn, several smaller lawns, or additional lawns away from the main area that need mowing. The Cub Cadet XR ENDURO SERIES™ models can handle all such lawns with ease. Thanks to the RoboZone sensor you can mow separate zones without the need for a second base station.



Example:  
main zone only



Example:  
main zone and  
sub zone



Example:  
main zone and  
separate zone



Example:  
main zone, sub zone  
and separate zone

## EASY TO INSTALL AND PROGRAMME.

You will need to purchase the correct installation kit depending on the size of the area you want to mow. To ensure your XR robotic mower is installed and programmed properly, we offer a professional installation service via your local dealer. You can also set the device up yourself.



### STEP 1: DEFINE YOUR DESIRED MOWING ZONE

To do this, you need to install the perimeter wire and fix it in place with pegs.



### STEP 2: ENTER INDIVIDUAL DATA

This will enable your XR robotic mower to work autonomously.



### READY TO MOW!

First, your XR robotic mower will mow along the perimeter wire and then return to the base. If there is enough capacity left, it will set off again and mow your lawn in a random pattern.



This video will show you more about how to install and set up your robotic mower.

**Cub Cadet**<sup>®</sup>

**XR1**  
ENDURO SERIES™

# EASY START

The new Cub Cadet XR1 500 robotic mower is ideal for anyone owning a smaller lawn of up to 500 m<sup>2</sup> and looking for a compact yet high-performance mower. Driven by a 12V/8.8 Ah lithium-ion battery and a 100-watt motor, it's the most powerful entry level machine on the market, meaning a better cut in all conditions. The optimised mowing and drive motors combined with the sure-grip spiked wheels achieve a high area performance.

Only 3 hours of mowing are required per day for 500 m<sup>2</sup> of lawn. Which means the lawn is available to you 21 hours a day.

**NEW**





## KEY FEATURES OF THE XR1



### ROBOCONNECT

Allows the XR1 to be controlled and programmed via the Internet.



### EXTERNAL CHARGING STATION

Place the base station near the edge of the lawn area to be mowed so that you can use the entire area as soon as your mowing robot is finished.



### ROBOHOME (INCL.)

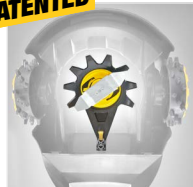
A garage for your XR1 500: Installed above the charging station, the robohome device keeps the mower clean and protects it from rain and direct sunlight.



### FLOATING MULCHING DECK

This ensures the XR1 500 manages any terrain and mows with extreme precision.

**PATENTED**



### MULCH CLEANER

Our unique patented mulch cleaner independently cleans the mowing deck by automatically cleaning the clippings out of the mowing deck while mowing, improving performance and reducing maintenance.



### SPECIALLY DESIGNED SPIKE WHEELS

A strong grip that provides better manoeuvrability, even on wet grass and borders.



### RELIABLE MOTOR

With our extremely sturdy and powerful 100-watt output motor; you can look forward to a long service life with minimal maintenance when you buy a Cub Cadet robotic mower.



### METAL SKI

Ski-type metal running surfaces deliver maximum manoeuvrability, providing easy mowing even in the tightest of spaces.



### 12V/8.8 AH LI-ION BATTERY

The XR1 500 is powered by a modern lithium-ion battery and mows for 3 hours without recharging.

## MODELS AVAILABLE

### XR1 500

Cutting width:	18 cm / 7"
Cutting height:	15–45 mm
Mowing area (max.):	500 m <sup>2</sup>
Mowing area (rec.):	400 m <sup>2</sup>
Mowing time:	180 min
Motor:	DC Brush
Electricity consumption:	8 kWh/month
Model no.:	22AXGALD603



**Cub Cadet**<sup>®</sup>

**XR2**  
**ENDURO SERIES**<sup>™</sup>



## **BRILLIANT CUT FROM THE GROUND UP**

The two XR2 models are the perfect place to start in the mid robotic mower range, ideal for lawns up to 2,000m<sup>2</sup>.

As well as edge mode that ensures that every edge is mowed, these models have a floating mowing deck to handle challenging terrain with incredible accuracy.

And thanks to the specially designed spiked wheels, the XR2 models manoeuvre extremely well and safely – even on wet grass.

## KEY FEATURES OF THE XR2



### ROBOCONNECT

Allows you to access the online portal features. Our XR2 2000 model also comes with a GPS feature to locate the mower when necessary.



### EXTERNAL CHARGING STATION

Our charging station doesn't have to be directly on the lawn, it can also be installed next to it.



### ROBOHOME (INCL. WITH XR2 2000)

A garage for your XR2: Installed above the charging station, the device keeps the mower clean and protects it from rain and direct sunlight.



### SPECIALLY DESIGNED SPIKED WHEELS

A strong grip that provides better manoeuvrability, even on wet grass.



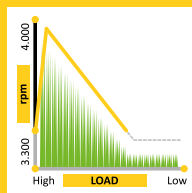
### BLE (BLUETOOTH® LOW-ENERGY) REMOTE CONTROL

Allows the XR2 to be controlled conveniently from a distance\* and is available as an accessory.



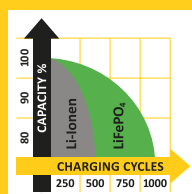
### HIGH-PERFORMANCE MOTOR

200 Watt ensures top-level performance and extremely efficient mowing. The XR2 2000 even features a brushless and therefore practically wear-free, motor.



### TURBO MODE

Turns on automatically the first time you use your mower to mow long grass faster and switches off instantly for shorter grass. Can also be set manually.



### LONG BATTERY LIFE

With twice as many charging cycles as conventional Li-Ion batteries, the LiFePO<sub>4</sub> high-capacity battery doubles battery life for longer hassle free mowing.



### MAXIMUM MANOEUVRABILITY

A single front wheel ensures great manoeuvrability, especially whilst mowing the edge of the lawn.



### PATENTED STEEL BLADE

The heavy duty steel blade will mow over twigs and small branches with ease.

## MODELS AVAILABLE



### XR2 1000

Cutting width:	28 cm / 11"
Cutting height:	15–60 mm
Mowing area (max.):	1,000 m <sup>2</sup>
Mowing area (rec.):	500 m <sup>2</sup>
Mowing time:	45–50 min
Motor:	DC Brush
Electricity consumption:	11 kWh/month
Model no.:	22BCBAAD603



### XR2 2000

Cutting width:	28 cm / 11"
Cutting height:	15–60 mm
Mowing area (max.):	2,000 m <sup>2</sup>
Mowing area (rec.):	1,200 m <sup>2</sup>
Mowing time:	60–70 min
Motor:	DC Brushless
Electricity consumption:	18 kWh/month
Model no.:	22BCFAFD603

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**Cub Cadet**<sup>®</sup>

**XR3**  
**ENDURO SERIES**<sup>™</sup>



## **EXTREMELY STRONG AND POWERFUL**

The two XR3 models are in a class of their own. They feature an extremely durable and rapid mowing system that meets the highest demands for lawns up to 5,000m<sup>2</sup>.

These top-of-the-range models also include the unique edge mode where blades extend beyond the wheel base, ensuring that absolutely every edge is mown: no more having to manually tidy up afterwards with a lawn trimmer.

The high-performance brushless motors operate at 2 x 200 Watt and are extremely durable.

## KEY FEATURES OF THE XR3



### ROBOCONNECT

Allows you to access the online portal features. Our XR3 5000 model also comes with a GPS feature to locate the mower when necessary.



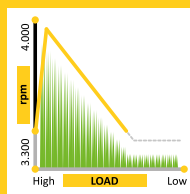
### EXTREMELY POWERFUL BRUSHLESS MOTOR

2 x 200 Watt ensure outstanding mowing performance.



### ROBOHOME (INCL. WITH XR3 5000)

A garage for your XR3: Installed above the charging station, the device keeps the mower clean and protects it from rain and direct sunlight.



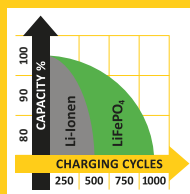
### TURBO MODE

Turns on automatically the first time you use your mower to mow long grass faster and switches off instantly for shorter blades. Can also be set manually.



### ROBOGRIPS

Improved traction and added grip on inclines and slippery surfaces.



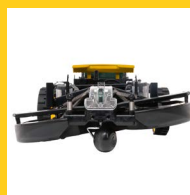
### LONG BATTERY LIFE

With twice as many charging cycles as conventional Li-Ion batteries, the LiFePO<sub>4</sub> high-capacity battery doubles battery life.



### BLE (BLUETOOTH® LOW-ENERGY) REMOTE CONTROL

Allows the XR3 to be controlled conveniently from a distance\*. (Standard on XR3 5000.)



### FLOATING MOWING DECK AND MAXIMUM MANOEUVRABILITY

Flawlessly handles challenging terrain with incredible accuracy. The single front wheel ensures great manoeuvrability.

## MODELS AVAILABLE



### XR3 3000

Cutting width:	56 cm / 22"
Cutting height:	20–80 mm
Mowing area (max.):	3,000 m <sup>2</sup>
Mowing area (rec.):	1,600 m <sup>2</sup>
Mowing time:	55–70 min
Motor:	DC Brushless
Electricity consumption:	22 kWh/month
Model no.:	22BSBAAD603



























### XR3 5000










Cutting width:	56 cm / 22"
Cutting height:	20–80 mm
Mowing area (max.):	5,000 m <sup>2</sup>
Mowing area (rec.):	3,600 m <sup>2</sup>
Mowing time:	80–100 min
Motor:	DC Brushless
Electricity consumption:	34 kWh/month
Model no.:	22BSGAGD603

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\*Within Bluetooth® range

## ROBOTIC MOWER ACCESSORIES

PERIMETER SETTING			
	Perimeter wire (650 metres on spool)		Mod. no.: MRK0067B
	Installation Kit small (for max. 400 m <sup>2</sup> ) 100 m wire, 150 pegs		Mod. no.: 122-001-603
	Installation Kit medium (for max. 1,200 m <sup>2</sup> ) 150 m wire, 200 pegs		Mod. no.: 122-002-603
	Installation Kit large (for max. 2,500 m <sup>2</sup> ) 250 m wire, 350 pegs		Mod. no.: 122-003-603
ROBOZONE			
	RoboZone with power supply for 2019 XR models		Mod. no.: 122-025-603
	RoboZone mobile		Mod. no.: 122-039-603
BASE STATIONS			
	Base station Kit for XR1 500		Mod. no.: MRK9105A
	Base station Kit for XR2 models		Mod. no.: MRK7006B
	Base station Kit for XR3 models		Mod. no.: MRK6102B
COVERS			
	RoboHome for XR2 models		Mod. no.: 122-075-603
	RoboHome for XR3 models		Mod. no.: 122-072-603
CONTROL			
	Bluetooth® remote control for XR2/XR3 models		Mod. no.: MRK7100A



BLADES			
	1 blade kit XR2 models		Mod. no.: MRK7003A
	2 blade kit XR3 models		Mod. no.: MRK6101A
GRIPS			
	RoboGrips XR2 models (for XR2 Powerwheels)		Mod. no.: MRK7023A
	RoboGrips XR3 models (for XR3 Powerwheels)		Mod. no.: MRK6022A
ROBOCONNECT+			
	Included with the XR2 2000 and XR3 5000 models.		Mod. no.: 122-143-619



## XR1 500

## XR2 1000

## XR2 2000

MOTOR			
Motor type	DC Brush	DC Brush	DC Brushless
Mowing power	100 Watt	200 Watt	200 Watt
BATTERY			
Battery	12V / 8.8 Ah Li-Ion	26V lithium ion phosphate 2.4 Ah (LiFePO <sub>4</sub> )	26V lithium ion phosphate 3 Ah (LiFePO <sub>4</sub> )
Mowing time	180 min	45–50 min	60–70 min
Charging time	8–10 h	50–70 min	70–90 min
Power consumption	8 kWh/month	11 kWh/month	18 kWh/month
CUTTING SYSTEM			
Mowing area in m <sup>2</sup> /h (max.)	500	1,000	2,000
Mowing area in m <sup>2</sup> /h (rec.)	400	500	1,200
Cutting width	18 cm / 7"	28 cm / 11"	28 cm / 11"
Cutting height (min.–max.)	15–45 mm	15–60 mm	15–60 mm
Blades	steel blade	steel blade	steel blade
Mowing zones	1 main zone, 2 sub zones, 2 separate zones	1 main zone, 3 sub zones, 2 separate zones	1 main zone, 3 sub zones, 2 separate zones
Area coverage per hour	55 m <sup>2</sup> /h	75 m <sup>2</sup> /h	75 m <sup>2</sup> /h
Maximum inclination	8.5° / 15 %	20° / 36 %	20° / 36 %
EQUIPMENT			
Base station	Standard	Standard	Standard
RoboHome	Standard	Optional (122-075-603)	Standard
RoboGrips	-	Standard	Standard
Display	-	LED	LED
Bluetooth®	Standard	Standard	Standard
Bluetooth® Remote Control	-	Optional (MRK7100A)	Optional (MRK7100A)
Smart app	Standard	Standard	Standard
Rain sensor	-	Standard	Standard
Anti-theft precautions	Standard	Standard	Standard
Bump-Sensor	-	-	-
Tilt-Sensor	Standard	Standard	Standard
Lift-Sensor	Standard	Standard	Standard
Edge mode	-	Standard	Standard
SmartMow	-	Standard	Standard
GSM modul/GPS	Standard/-	Standard/-	Standard/Standard
Turbo mode	-	Standard	Standard
Large power wheels	Standard	Standard	Standard
DIMENSIONS			
LpA/LwA/LwAg (dB)	70/68/70	70/68/70	70/68/70
Dimensions (L/W/H)	53 cm / 42 cm / 26 cm	63 cm / 46 cm / 21 cm	63 cm / 46 cm / 21 cm
Net weight	7.5 kg	11.1 kg	11.4 kg
Model number	22AXGALD603	22BCBAAD603	22BCFAFD603
EAN	 4 008423 892093	 4 008423 883398	 4 008423 883435

## XR3 3000

## XR3 5000

MOTOR		
Motor type	DC Brushless	DC Brushless
Mowing power	2 x 200 Watt	2 x 200 Watt
BATTERY		
Battery	26V lithium ion phosphate 4.5 Ah (LiFePO <sub>4</sub> )	26V lithium ion phosphate 6 Ah (LiFePO <sub>4</sub> )
Mowing time	55–70 min	80–100 min
Charging time	90–110 min	90–110 min
Power consumption	22 kWh/month	34 kWh/month
CUTTING SYSTEM		
Mowing area in m <sup>2</sup> /h (max.)	3,000	5,000
Mowing area in m <sup>2</sup> /h (rec.)	1,600	3,600
Cutting width	56 cm / 22"	56 cm / 22"
Cutting height (min.–max.)	20–80 mm	20–80 mm
Blades	steel blades	steel blades
Mowing zones	1 main zone, 4 sub zones, 2 separate zones	1 main zone, 4 sub zones, 2 separate zones
Area coverage per hour	180 m <sup>2</sup> /h	180 m <sup>2</sup> /h
Maximum inclination	20° / 36 %	20° / 36 %
EQUIPMENT		
Base station	Standard	Standard
RoboHome	Optional (122-072-603)	Standard
RoboGrips	Standard	Standard
Display	LCD	LCD
Bluetooth®	Standard	Standard
Bluetooth® Remote Control	Optional (MRK7100A)	Standard
Smart app	Standard	Standard
Rain sensor	Standard	Standard
Anti-theft precautions	Standard	Standard
Bump-Sensor	Standard	Standard
Tilt-Sensor	Standard	Standard
Lift-Sensor	Standard	Standard
Edge mode	Standard	Standard
SmartMow	Standard	Standard
GSM modul/GPS	Standard/-	Standard/Standard
Turbo mode	Standard	Standard
Large power wheels	Standard	Standard
DIMENSIONS		
LpA/LwA/LwAg (dB)	70/72/74	70/72/74
Dimensions (L/W/H)	73,5 cm / 66 cm / 31 cm	73,5 cm / 66 cm / 31 cm
Net weight	20 kg	20.2 kg
Model number	22BSBAAD603	22BSGAGD603
EAN	 4 008423 883442	 4 008423 883466

## WARRANTY

Cub Cadet offers a two year domestic user warranty across the entire range of robotic mowers. This is great news for both customers and dealers, inspiring confidence in the quality and reliability of Cub Cadet products.

Details of terms and conditions can be found at [www.cubcadet.co.uk](http://www.cubcadet.co.uk).



For further information please contact your local Cub Cadet dealer

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Division of E. P. Barrus Ltd, Glen Way, Launton Road, Bicester, Oxfordshire. OX26 4UR.  
Tel: 01869 363658 Fax: 08714 290936



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