

YARBO

YARBO USER MANUAL



Video Assembly Guide

YARBO

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2. Introduction

Welcome



Thank you for choosing Yarbo. We are thrilled to have you join our user community. We understand your excitement about this long-awaited yard robot, designed to free you and your family from the hassle of yard cleaning.

Before you begin using your Yarbo product, please take a moment to read this user manual carefully to ensure proper usage, maximize your experience, and identify potential hazards.

1. Safety



MUST READ

Failure to follow safety instructions may result in serious injury or property damage. Yarbo disclaims any liability for consequences arising from improper use or failure to follow these instructions.



1.1 Pre-operation Safety Instructions

- Ensure the area is free of obstacles that may cause damage to the product.
- Verify that the product is functioning correctly before use.
- Do not use the product if any parts are broken or malfunctioning.
- Do not allow children or pets to access the controller (physical or mobile app).
- Ensure the product is assembled and operated according to the user manual. The operator must read and fully understand the manual before use.
- Clean the cameras before use, if needed. Use only non-corrosive cleaners and soft materials. Take extra care, as the cameras may become hot and cause burns due to the heating film.



1.2 Operation Safety Instructions

- Always maintain a safe distance when using the controller or during automatic operation. Never place any part of your body near or under the product, especially when it is turning or climbing slopes.
- Do not allow children, individuals with physical, sensory, or mental limitations, or those lacking experience or knowledge to operate Yarbo. Local regulations may impose age restrictions on the operator.
- A trained and authorized individual must supervise untrained persons whenever Yarbo is in operation.
- Do not operate the product if the operator is under the influence of alcohol, drugs, or illness.
- Do not throw objects toward the product or surrounding vehicles and buildings, as this may damage the auger and impeller.
- If the product operates in public spaces, clearly display warning signs around the work area, including one of the following messages:
 - "Warning! Automatic Snow Blower! Keep away from the machine! Supervise children!"
 - "Warning! Automatic Lawn Mower! Keep away from the machine! Supervise children!"
 - "Warning! Automatic Blower! Keep away from the machine! Supervise children!"
- Do not operate Yarbo near fires, hot ashes, or heat sources to prevent fire hazards.

1. Safety

- Ensure Yarbo is powered off before clearing blockages, performing maintenance, or inspections. If abnormal vibration occurs, stop operation immediately, press the emergency stop button, and check for damage. If vibration persists, remove the battery and inspect for faults.
- Never step on or sit on the product.
- Only use the provided docking station to charge the product. Do not touch any part of the charging station while charging to avoid electric shock, overheating, or battery leakage.
- Caution on Slippery Surfaces: Areas where snow has been cleared may still be slippery. Pedestrians and vehicles should proceed cautiously to prevent accidents.
- Adapt to Extreme Weather Conditions: Under extreme weather conditions (e.g., heavy snow, icy conditions), equipment performance may be affected. Adjust operation strategies accordingly.



1.3 After-operation Safety Instructions

- Always wear gloves and follow the recommended maintenance procedures. Shut down Yarbo and remove the battery before performing any maintenance, inspections, or clearing blockages in the discharge chute.
- Disconnect the battery from the core if Yarbo will not be used for an extended period.
- Regular Maintenance: Regularly inspect the blades, battery, motor, and other parts to ensure proper function and minimize the risk of malfunction.



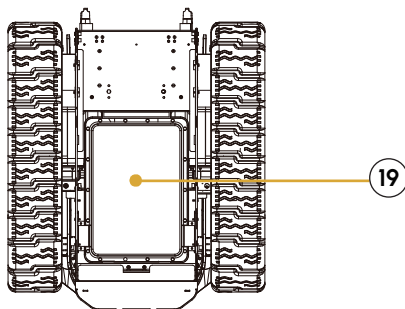
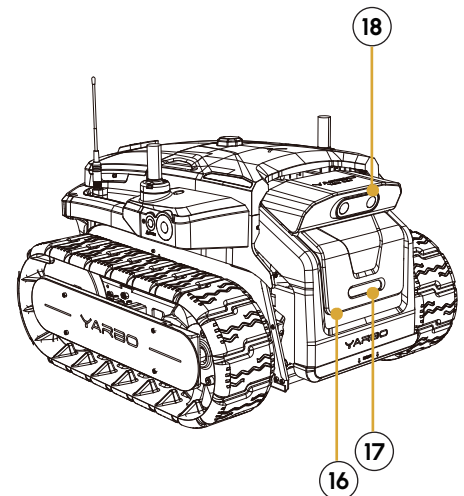
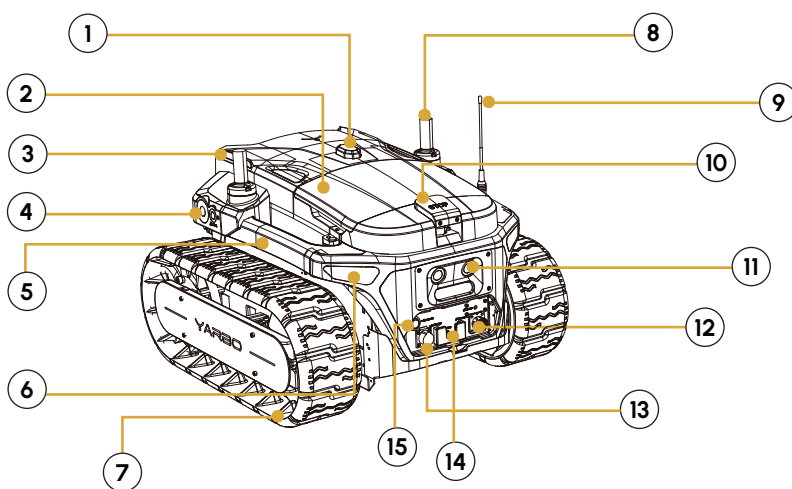
Disclaimer

This safety guide is provided for general informational purposes. The operator is solely responsible for ensuring compliance with local laws, regulations, and safety standards. Yarbo disclaims all liability for injuries, damages, or losses arising from improper use, failure to follow these instructions, or failure to comply with applicable local laws and regulations.

2. Introduction

2.1 Product Overview

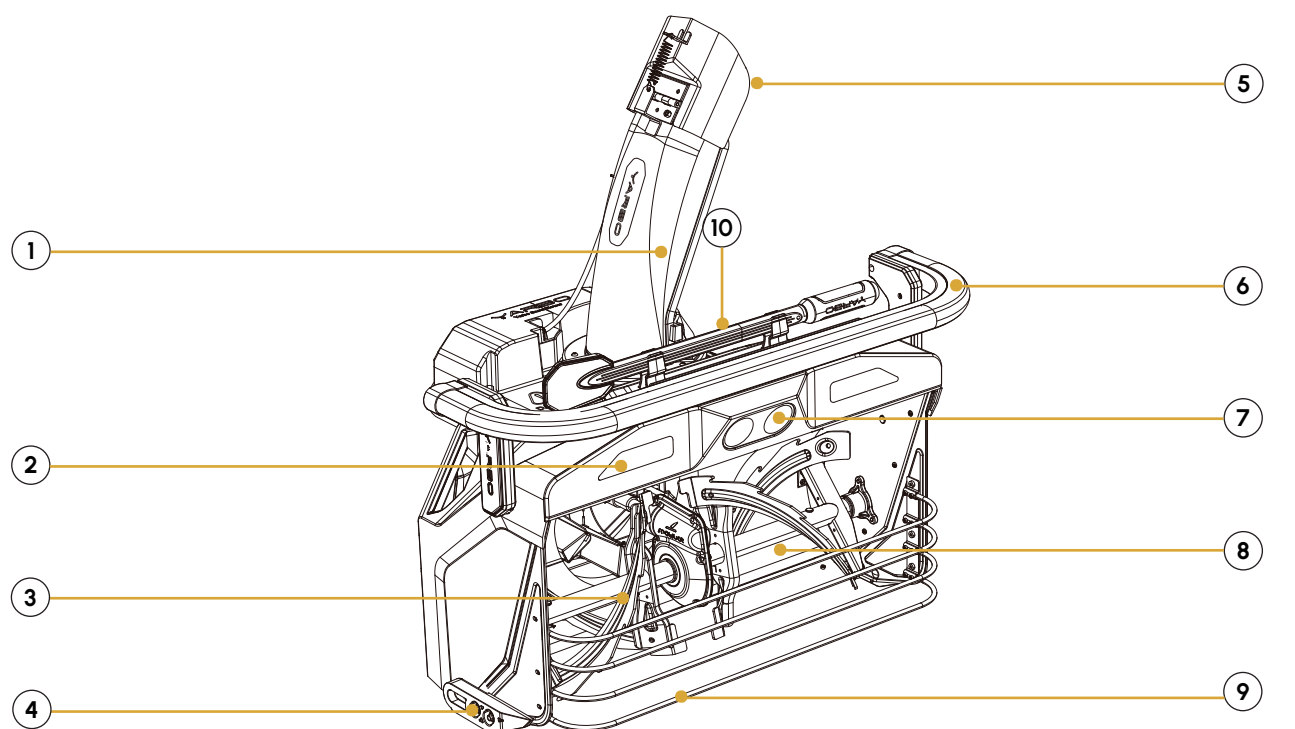
2.1.1 Yarbo Core



- | | | |
|------------------------------|-------------------|--------------------------|
| ① Warning Light | ② Battery Cabin | ③ Indicator Light |
| ④ Side Camera | ⑤ Lifting Handle | ⑥ Rear Lights |
| ⑦ Track | ⑧ RTK Antenna | ⑨ HaLow Antenna |
| ⑩ Emergency Button | ⑪ Rear Camera | ⑫ Power Socket |
| ⑬ Wired Charging Port | ⑭ Tow Hitch Mount | ⑮ Activate Button |
| ⑯ Smart Assist Module | ⑰ Front Light | ⑱ Front Binocular Camera |
| ⑲ Wireless Charging Receiver | | |

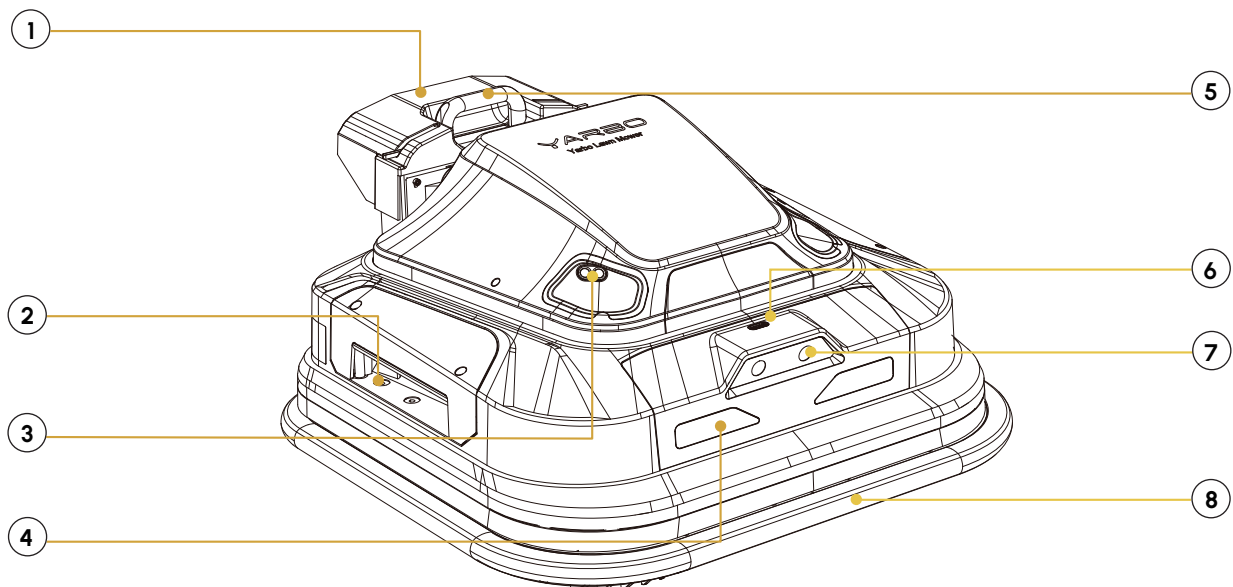
2. Introduction

2.1.2 Snow Blower Module



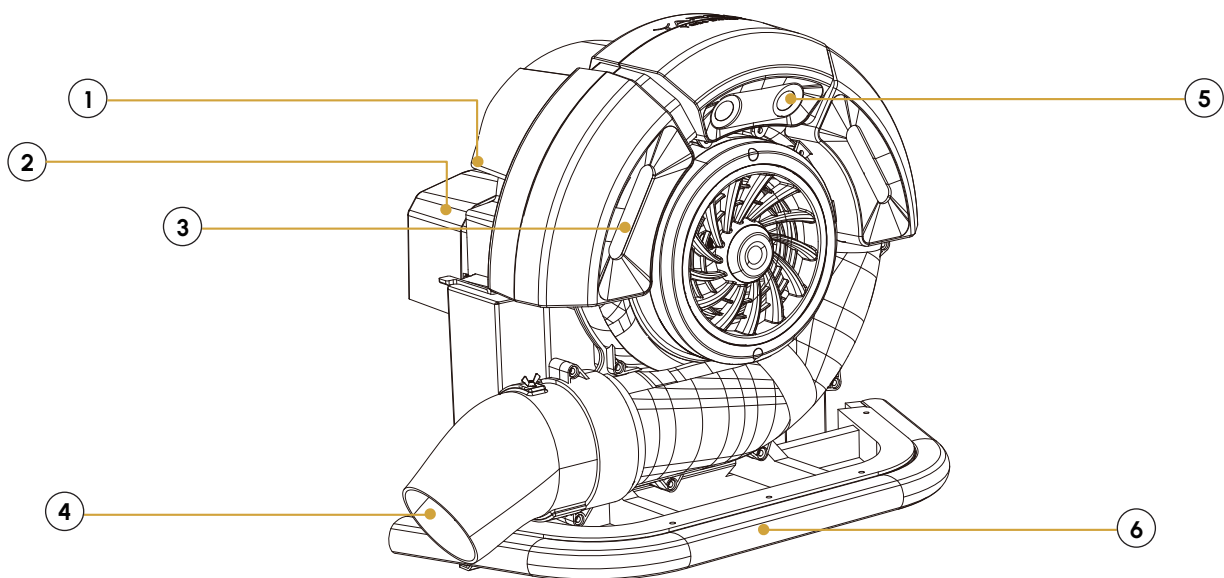
- | | | | | |
|----------|----------------|---------------|--------------------|------------------|
| ① Chute | ② Front Light | ③ Auger | ④ Skid Shoe | ⑤ Deflector |
| ⑥ Bumper | ⑦ Front Camera | ⑧ Scraper Bar | ⑨ Protection Fence | ⑩ Clean-out Tool |

2.1.3 Lawn Mower Module



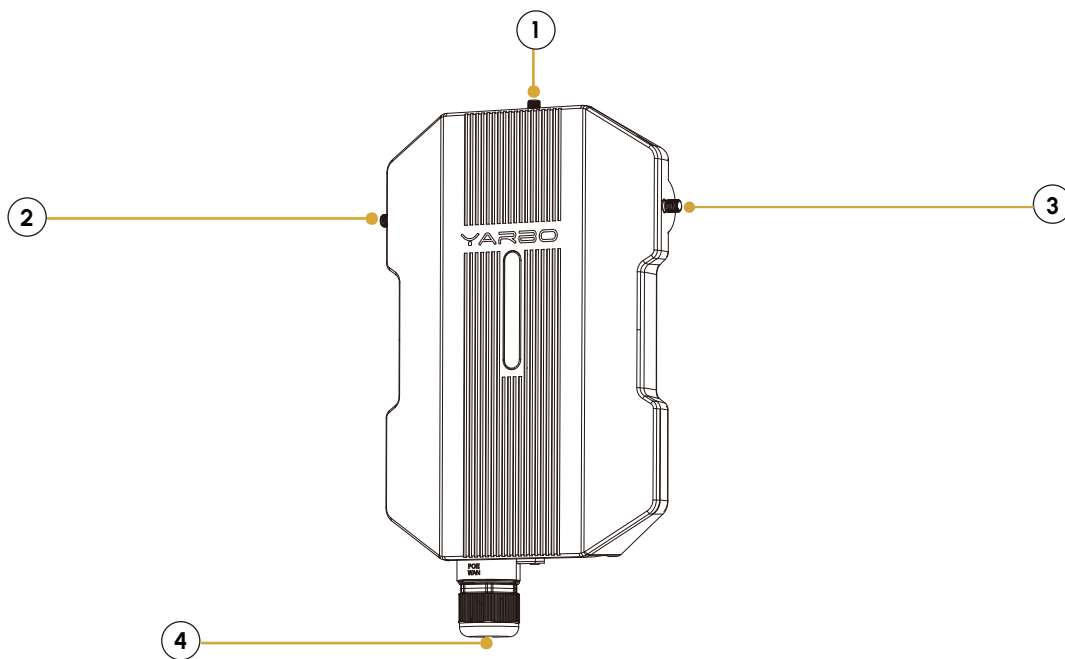
- ① Rubber Cover for Module Connection ② Lifting Handle ③ Ultrasonic Radar
- ④ Front Light ⑤ Lifting Handle ⑥ Rain Sensor ⑦ Front Binocular Camera
- ⑧ Bumper

2.1.4 Blower Module



- ① Lifting Handle ② Rubber Cover for Module Connection ③ Front Light
- ④ Nozzle ⑤ Front Binocular Camera ⑥ Bumper

2.1.5 Data Center



① RTK Antenna Port

② HaLow WiFi Antenna Port

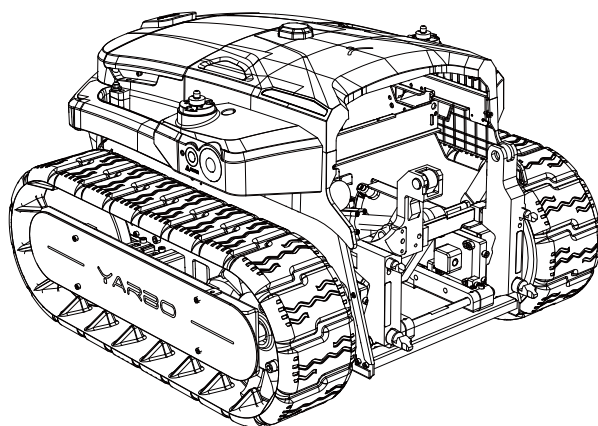
③ Bluetooth Antenna Port

④ POE WAN Port

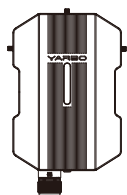
2. Introduction

2.2 Box Content

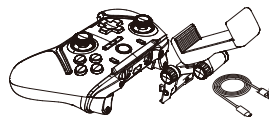
2.2.1 Yarbo Core Box



Yarbo Core

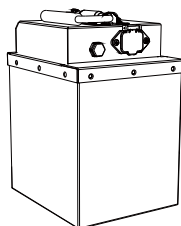


Data Center



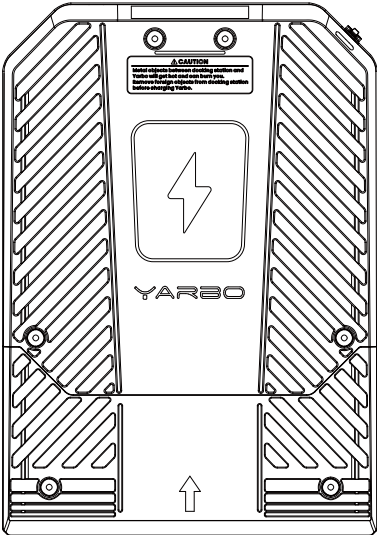
Physical Controller & Controller
Holder & Controller Power Adapter

2.2.2 Battery Box



Battery

2.2.3 Docking Station & Smart Assit Module Box



Docking Station Charging Unit



x12
Grass Pegs



Power Cable
for Docking Station



x12
Expansion Bolts
for Docking Station



Long Cable Ramp



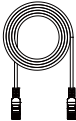
Short Cable Ramp



Smart Assist Module



POE Power Adapter

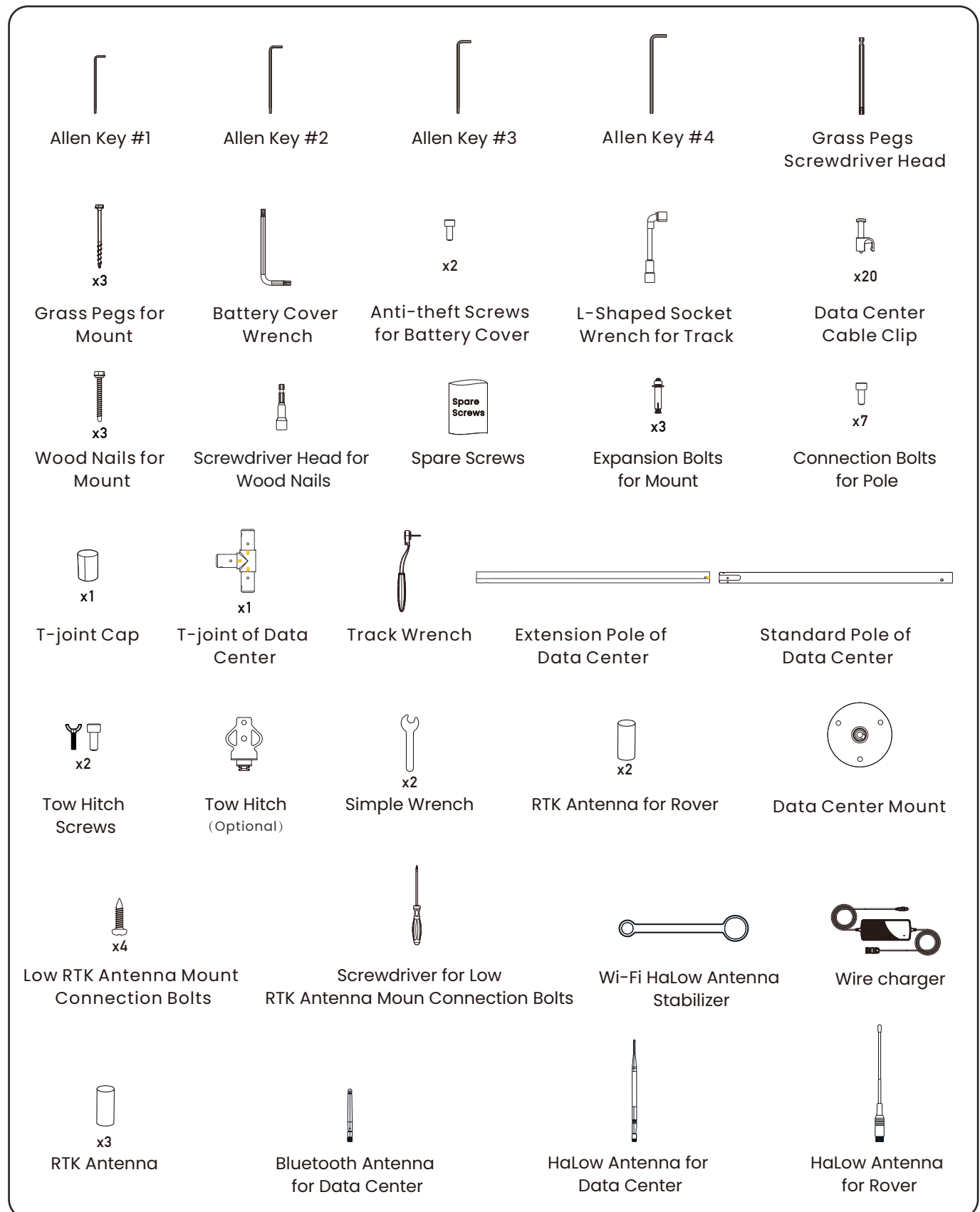


2 meter Ethernet
Cable



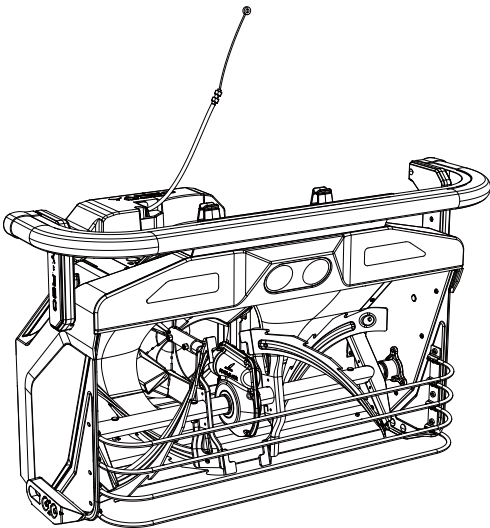
30 meter Ethernet
Cable

2. Introduction

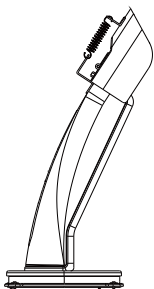


2. Introduction

2.2.4 Snow Blower Module Box



Snow Blower Module



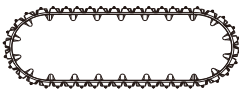
Snow Chute



Clean-out tool



Snow Plume Diverter



Snow Track



Snow Blower Quick Start Guide



Simple Wrench



x5

Anti-slip Studs



x4

Cotter Pins



x4

Shear Pins



Socket #1



Socket #2



x2

High RTK Antenna Mount



x4

Snow Chute Connection Bolts



x2

Plume Diverter Connection Bolts

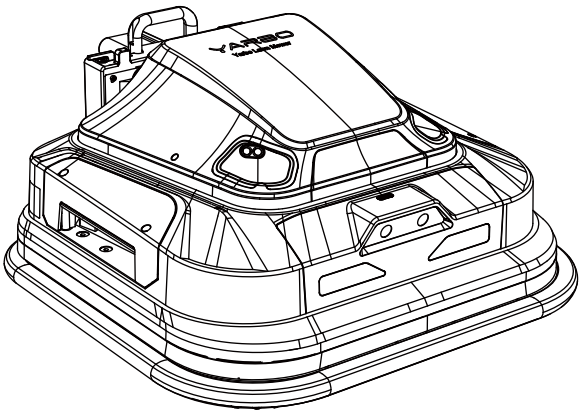


x6

High RTK Antenna Mount Bolts

2. Introduction

2.2.5 Lawn Mower Module Box



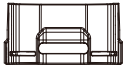
Lawn Mower Module



Lawn Mower Quick
Start Guide



Module Vertical
Stand



Rubber Connection
Cover



Phillips-Head
Screwdriver



x20

Spare Cutting
Blades



x8

Cutting Discs Spare
Bolts

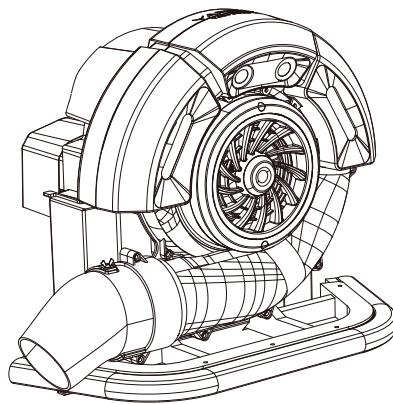


x20

Cutting Blade
Spare Bolts

2. Introduction

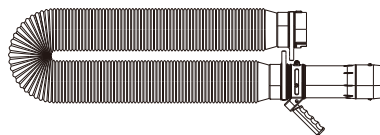
2.2.6 Blower Module Box



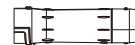
Blower Module



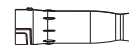
Blower Quick Start Guide



Handheld Flexible Blower Tube



Connecting Tube



Blower Tapered Nozzle



x2

Y-shaped Thumb Screw Bolts



x2

Rubber Blower Nozzle Screws

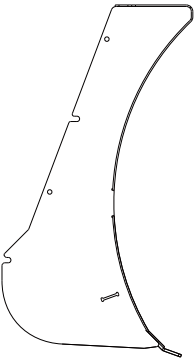


x2

T-Shaped Thumb Screw Bolts

2. Introduction

2.2.7 Plow Blade Box



Plow Blade with Wear Bar



Plow Blade Quick Start Guide



x2
Spare Wear Bar



x6
Tightening Bolts for Plow Blade



x1
Simple Wrench



x5
Nut



x5
Tightening Bolts for Wear Bar



x6
Tightening Bolts for Plow Blade