# HolaBot

Heavy-Duty Delivery Robot Features Paging and Notifications









### HolaBot Features

- 132lbs carrying capacity
- Paging function, giving orders in flexible position
- Voice recognition for a hands-free experience, and
  - Omnidirectional six-mic array for the robot to locate sound

source in real time

• IPX5 waterproof inner cabin



## Pro Performance, Power to Delivery

### **High Carrying Capacity**

Build-in a 120L ultra-large cabin, HolaBot includes 4 Tier loading zone with adjustable trays level. The carrying capacity is 60KG. HolaBot is famous for its large volume and high carrying capacity.

120 small dishes 120L = 39 large dishes 33 Bowls

132lbs/trip



In the catering bussing scenario, the staff have to deal with a lot of greasy dishes and leftovers. Hola's inner cabin is the first in the catering industry to reach IPX5 waterproof, detachable and washable, convenient for staff to load and clean.

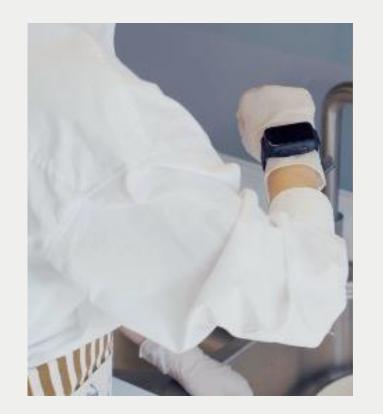
### **Most Adaptive**





## **Intelligent Delivery Robot Paging Function**

In order to respond quickly to tasks, waiters can call HolaBot through pagers. Tasks can be issued to the robot from the following device, ensuring the robot to be "on call" all the time.







## **HolaBot Specification**



| Machine dimension        | 21.3×20.9×48.3                      |
|--------------------------|-------------------------------------|
| Machine weight           | 132 lbs                             |
| Machine materials        | ABS engineering<br>grade aluminium  |
| Charging time            | 4.5H                                |
| Battery life             | 10-24H (replacea                    |
| Battery capacity         | 25.6Ah (safe leve<br>the human body |
| Cruising speed           | 0.5-1.2m/s Adju                     |
| Capacity of single shelf | 33 lbs                              |
| Carrying capacity        | 132 lbs                             |

| (in)                           |  |
|--------------------------------|--|
|                                |  |
| g plastics/Aviation<br>m alloy |  |
|                                |  |
| eable battery)                 |  |
| els of current in<br>y)        |  |
| ustable                        |  |
|                                |  |
|                                |  |





## Intelligent Delivery Robot

#### Sound tracking: Auto and intelligent

Front-end noise reduction technology and full-range sound source positioning. HolaBot is able to identify the location of the staff following the sound "Hola, Hola" and turn the tank around towards the table, thus facilitating dish collection and table cleaning.









### **3D Obstacle Avoidance Sensor**

The RGBD camera at the neck part makes 3D obstacle avoidance acute

#### **All-aluminum Body**

Aviation-grade aluminum alloy that is structurally stable, antioxidant and corrosion resistant

#### **Brand New Laser Radar**

Customized laser radar with better detection accuracy

### **Visual Camera Positioning**

Top infrared camera for real-time positioning, set up the complete visual positioning solution

#### **120L Inner Cabin**

120 small plates, 39 big plates and 33 bowls at the same time

#### **Auto-level independent linkage suspension**

Auto-level independent linkage suspension easily dealing with various of dump on the road



### Safe, to be safer

**3D** obstacle avoidance technology, is the safety performance guarantee



- 3\*REALSENSE™ RGBD camera Endows HolaBot with the best 3D perception ability
- Accurately detect obstacles and stop within 0.5 seconds in case of any obstacle
- Extra-wide front detection scope, the maximum is 192.64°
- Over 33 feet of front detection distance
- Able to detect the objects with a height as small as 3/4 in
- 5400 times of obstacle detection per minute at most



### Safe, to be safer

The independent suspension system, ensures steady delivery



- Holabot's self-adaptive and adjustable suspension system, which meets vehicle standards, adjust to the best condition by changing damping and resonance frequency based on the road and moving conditions
- Be capable of crossing 1/4 in obstacles
- Deliver dishes with no-spill out



## A Comprehensive Collection of Certification

HolaBot can meet the requirement of certification such as EU CE certification, US FCC certification, Australian RCM certification, Canada IC certification, Singapore IMDA certification, Japan MIC certification and China CR certification, ensuring that the robot is safe and compliant





