

# LG CLOi™ ServeBot

Enhance Driving Performance and Reliable Serving Specialist.



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## Serving Specialist

# Why is CLOi™ ServeBot good for your business?



1 Upper versatile storage space  
Useful for storing tools  
(Menu)

**Efficient** store operation  
extended tray and strong driving performance

**Spacious load capacity**  
The ServeBot features a wider tray with an adjustable height setting to accommodate the loading of more items. Additionally, ServeBot has storage space for frequently used customer items.



2 Extended tray size

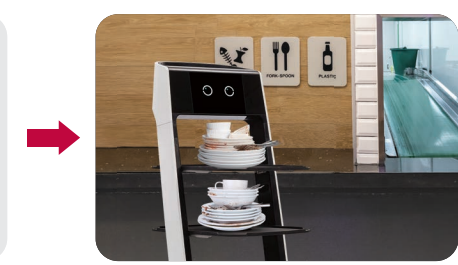


3 Detachable tray features height adjustment for various sized items.

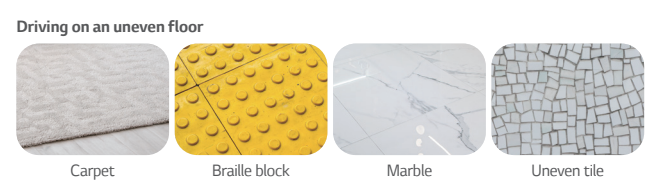
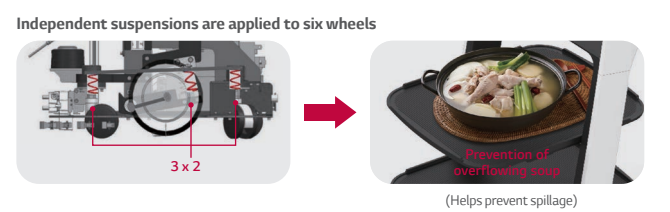


4 Additional storage space

**Efficient operation with tray return**  
A weight detection sensor is applied to each tray. The robot automatically moves to the tray return zone when the allowable maximum capacity (22 lbs. / 10 kg) of the tray is reached.



**Enhanced driving performance**  
Stable driving through independent suspension to the 6 wheels helps prevent food and beverage spillage, even on uneven flooring up to 5mm.

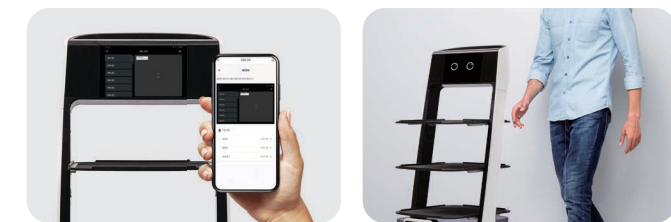


**Multi robot driving performance**  
Direct communication between robots is possible without a separate communication device. Multiple serving robots can be used in one store efficiently.



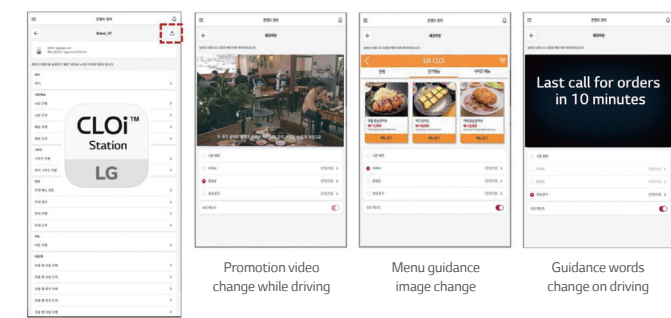
Easily manage content with one application  
Provide a **unique customer experience**

ServeBot is a unique partner for escorting customers to their table, offering promotions and menu details.



Providing differentiated service with **store specific solutions**

With the Content Management System (CMS), videos, images and text can be easily changed through the application, allowing customization for each store location.



Promotion video change while driving | Menu guidance image change | Guidance words change on driving

# LG CLOi™ ServeBot

is the perfect choice for contemporary venues looking for unique service experiences



## Restaurants / Franchises

Provide unique, efficient experiences in large dining rooms, buffets or food courts that use many plates and utensils.



## Hotels / Resorts / Residences

Provide special beverage and food services in areas such as cafeterias, restaurants, etc.



## Community Spaces

Support beverage and food in various community spaces such as shared kitchens, party rooms, etc.

# LG CLOi™ ServeBot

## Use guidance

The LG CLOi ServeBot provides safe and efficient wayfinding, as well as delivery and tray-returning experiences that can be used in various food service environments.



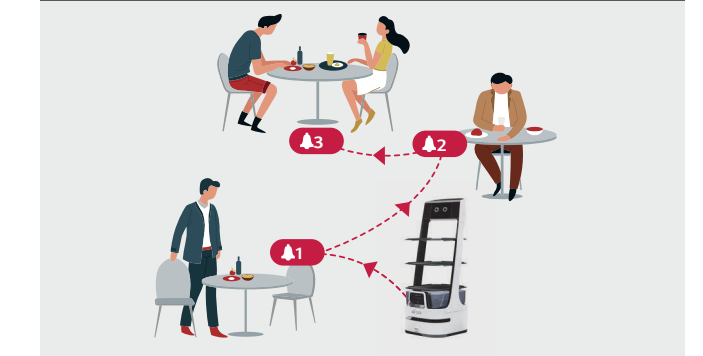
1. Guidance to the table (Escort)



2. Store guidance and new menu promotion



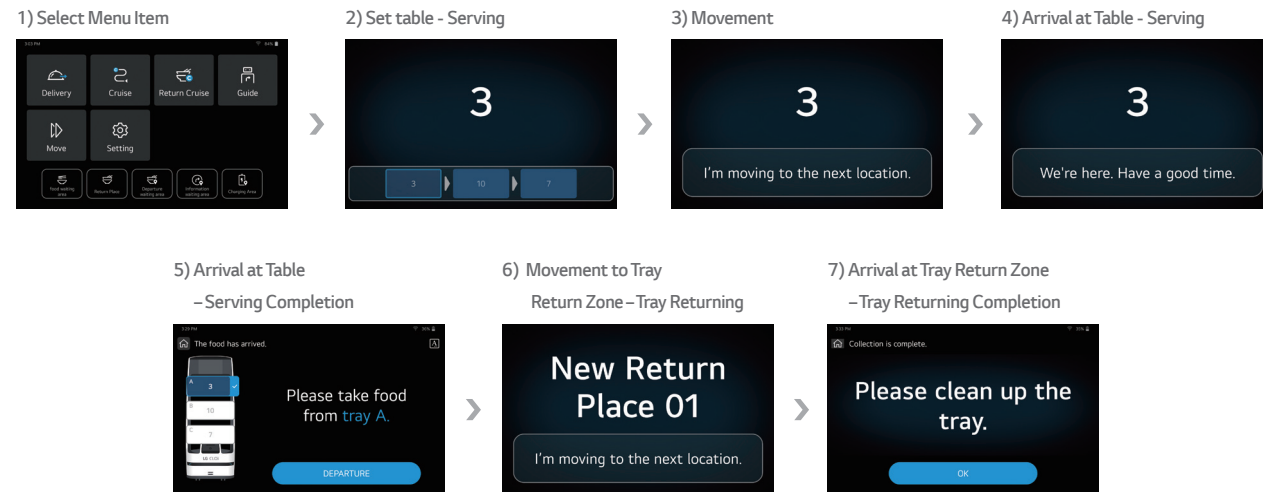
3. Robot call linked to Smart Watch or Call Bell\*



4. Once the trays are fully loaded, the robot will return in the order of multi-calling / automatic movement to the tray return zone.

\* Linkable devices sold separately. Procedure and user interface for creating a link may vary depending on the device.

# LG CLOi™ ServeBot Design & Specifications



## Reliable serving specialist with precise driving performance

- Enhanced multi-robot driving performance
- Serving, Cruise, Tray return cruise, Guidance, Movement functions
- Supporting Content Management System (CMS) (Videos, images, guidance words, guidance voice, and background music can be changed)
- Continuous operation time of 11 hours

Mechanical	Dimensions (W x H x D)	2.2 x 5.4 x 2.2 in. / 56 x 137 x 55 cm
	Weight	112.4 lbs. / 51 Kg
	Load capacity	88 lbs. / 40 kg (each drawer holds up to 22 lbs. / 10 kg)
	Shelf size (W x L)	17.3 x 20.9 in. / 440 x 530 mm
	Number of Shelves	4 (bottom shelf is a storage area)
	Sensor	LIDAR / ToF / RGBD Camera / Load cell sensor
	Display	10.1" Touch LCD Display
Battery	Status LED (action / status alert)	RED / BLUE / GREEN
	Capacity	25,000 mAh
	Charging time	Manual charging : 4 - 4.5 hours / Automatic charging : 3 - 3.5 hours (Charging stand option)
	Continuous operating time	11 hours (0.7 m/s)
Mobility	Battery certification	UL2271
	Obstacle recognition	Automatic obstacle recognition
	Obstacle avoidance	Real-time route planning and driving
	Speed (max.)	3.8 ft/sec / 1.2 m/s (adjustable)
	Drive width (min.)	31.5 in. / 800 mm
	Surface compatibility	Marble / Tile / Cement / Uneven tile / Carpet
CMS	Cruise driving route setting	User-configurable
	Update	Screen, Voice, Background sound
Other Features	Guidance / Promotion	Yes
	Control	Mobile / PC
	Automatic door	Automatic door "open" capability via linkable wireless device (device sold separately)
	Automatic detection of food unloading	Yes
	Automatic detection of loaded food	Yes
	Content management	Yes (Screen)
Application management	Yes	