

Innovative electromotive driving system

It features maximized user convenience and satisfaction.
It runs smoothly even when it is fully loaded.



General light driving

Even when the cart is full of meals, it runs smoothly with a soft press of the forward–reverse lever.



Reverse run that takes nearby persons into consideration

It can run safely, thanks to its reverse–run alarm function. Its touchscreen display enables rear–side viewing.



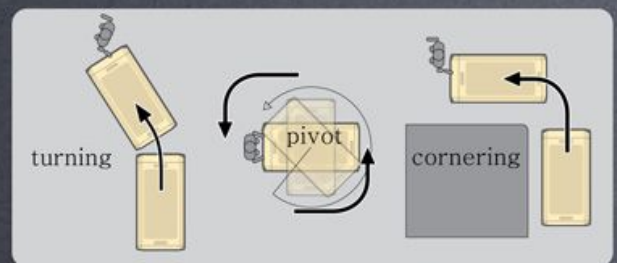
Stable run on sloped floor

It can smoothly run on slopes with a maximum inclination of 5°. Its speed can be automatically maintained at a constant when it runs downslope.



Easy turning

Its front casters, which rotate in several directions, enable easy turning.



Safe battery charging

It is driven by battery.

When the battery is fully charged, an automatic control system is actuated to prevent overcharging.

* Its charging time and operation time may vary depending on the service environments.



“HAPPY CART SERIES”



Standard models for the eastern food culture

The Happy Cart models feature hot/cold storage and electromotive operation systems to provide patients with fresh meals, thus improving user and patients satisfaction. Happy Carts, the representative products of MYUNGSE CMK, have long been popular.

The company continuously upgrades its Happy Cart Series to improve user convenience.

New Happy Carts are the current model with new functions added to the existing ones of the previous Happy Carts.

New Happy Carts (HA) include sub-models such as EB (Basic), EP (Prestige: always-on hot and cold) and EPCU (Prestige Change-up: Lithium-ion battery can be installed in the future).

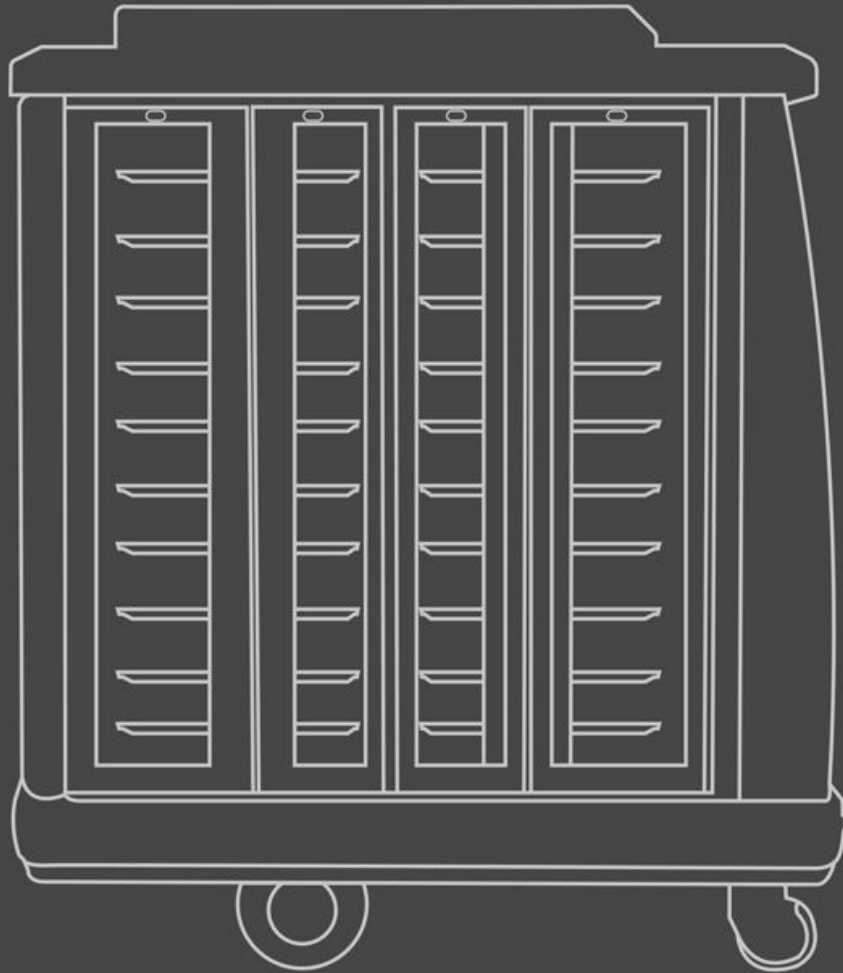
* Exporting model for Happy Cart uses the tray model HA-T509.

HAPPY CART Series

Happy Cart Basic(EB)

Happy Cart Prestige(EP)

Happy Cart Original



NEW

HAPPY CART BASIC



Chamber temperature array

General type (T470)	
Export type (T509)	

Precautions

Power	Wiring/Individual circuit breaker 30A, Industrial plug 32A		
Plug	 32A	OR	 16A
			Optional



Features of Happy Cart Basic and Prestige and Change-up

Product safety



Front and rear cameras with black box function (optional)

The cameras prevent collision by providing a view of the front blind spot, and enable recording that can be used as evidence in case a collision occurs.



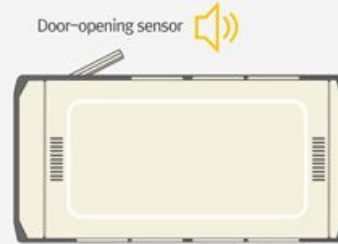
Ultrasonic collision-prevention sensor (optional)

Ultrasonic impact sensors prevent damage to the product from collisions with obstacles.



Motor reducer suspension

Absorbing impact to prevent damage to the reducer.



Door-opening sensor (optional), Door-locking (optional)

When the sensor detects an open door while the cart is running, the cart will automatically stop to prevent running while the door is open. Patient meals are protected from unauthorized persons.



Full water-level detection sensor (optional)

If the water level of the condensate tray approaches the full level, it is notified to the user in order to prevent condensate overflow.



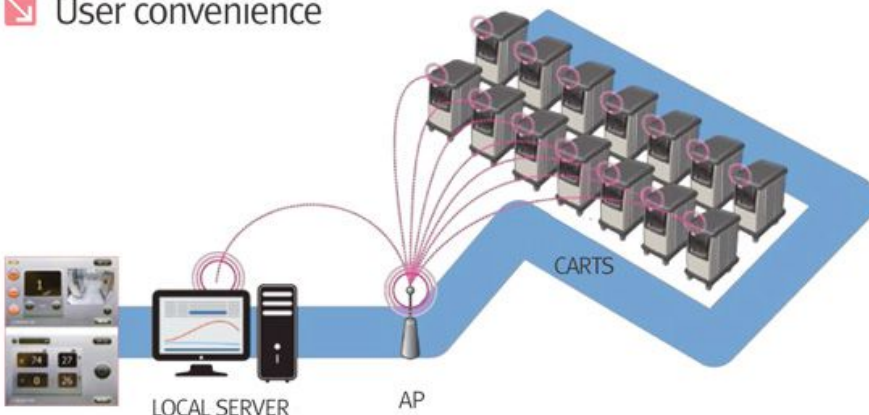
Integrated touchscreen control panel



USB for temperature data backup (optional)

Data of temperature changes in the chamber can be saved through a USB. Managing the temperature change is to follow the HACCP standards.

User convenience



Touch-screen Wi-Fi control panel (optional)

The centralized control panel provides user convenience. Temperature setting, patient meal information, automotive operation, time schedule, etc. can be collectively or individually controlled by a remote PC via Wi-Fi communications.

NEW

HAPPY CART PRESTIGE



Chamber temperature array

General type (T470)



Export type (T509)

Precautions

Power Wiring/Individual circuit breaker 30A, Industrial socket 32A



Common Features of New Happy Carts

☑ User convenience



Easy operation of forward/reverse lever



Rounded inside corners that facilitate cleaning

Preventing dirt accumulation or germ growth at corners.



Manual switching lever on the control panel

Enabling driving for narrow space or when the battery is discharged.



"HACCP standards meeting product"



☑ Product safety

Touch Screen and front camera

Viewing the front blind spot on the touchscreen display.



One-touch door lock system (optional)

Patient meals are protected from unauthorized persons.



Emergency stop button and front touch sensor

In case of an emergency, the operator can stop the cart with the emergency stop button. Touching the front touch sensor lowers the speed when the user requires.



Urethane bumper

It absorbs external impact for protecting the body of the cart.



Wheel arrangement for safe driving



HAPPY CART ORIGINAL



Chamber temperature array

General type (T470)	    C - H - C - H
Export type (T509)	    H - C - C - H

Precautions

Power	Wiring/Individual circuit breaker 30A, Industrial socket 32A			
Plug	 32A	OR	 16A	Optional



Front-side of new model

Back-side of new model

Front-side of old model

Features of Happy Cart Original



Monitor and front camera (optional)
Showing rear-vision.



Front touch sensor (optional)
Reducing the speed in emergency.



Back-driving alarm (optional)
Helping safe driving with the alarm sounding.



Door-locking system (optional)
Patient meals are protected from unauthorized persons.

Convenient centralized control panel

The key is to protect the device safely from the third party.



Electromotion control part



Hot/Cold storage control part

Happy Cart Original



Model code	Width (mm)	Length (mm)	Height (mm)	Trays (pieces)	Rows (columns, rows)	Power consumption (kw)	Weight (kg)	Power supply
HA-HC60E	2176	770	1762	60	6,10	4.0	430	3P+E, 380V, 50/60HZ
HA-HC54E	2176	770	1642	54	6,9	3.7	410	
HA-HC48E	2176	770	1522	48	6,8	3.4	390	
HA-HC40E	1526	770	1762	40	4,10	2.7	320	1P+E, 220V, 50/60HZ
HA-HC36E	1526	770	1642	36	4,9	2.5	300	
HA-HC32E	1526	770	1522	32	4,8	2.3	280	
HA-HC36	1526	770	1642	36	4,9	2.5	260	
HA-HC32	1526	770	1522	32	4,8	2.3	240	
HA-HC20	970	770	1762	20	2,10	1.8	180	
HA-HC18	970	770	1642	18	2,9	1.7	170	

Trays

HA-T470	470	330	17	For domestic models	Colors: Camel, Pink, Green
HA-T509	509	330	17	For overseas models	Colors: Camel, Pink, Blue

The external dimensions and specifications are subject to changes for product improvement.

NEW Happy Cart EB, EP & EP[CU]



Model code	Width (mm)	Length (mm)	Height (mm)	Trays (pieces)	Rows (columns, rows)	Power consumption (kw)	Weight (kg)	Power supply
------------	------------	-------------	-------------	----------------	----------------------	------------------------	-------------	--------------

Happy Cart Basic(EB)

HA-HC44EB	1630	770	1882	44	4,11	3.5	340	1P+E, 220V, 50/60HZ
HA-HC40EB	1630	770	1762	40	4,10	3.5	320	
HA-HC36EB	1630	770	1642	36	4,9	3.3	300	
HA-HC32EB	1630	770	1522	32	4,8	3.1	280	

Happy Cart Prestige(EP)

HA-HC44EP	1630	770	1963	44	4,11	4.2	360	1P+E, 220V, 50/60HZ
HA-HC40EP	1630	770	1843	40	4,10	4.2	340	
HA-HC36EP	1630	770	1723	36	4,9	4.0	320	
HA-HC32EP	1630	770	1603	32	4,8	3.8	300	

Happy Cart Change-up(EP[CU])

HA-HC44EPCU	1630	770	1963	44	4, 11	2.7	340	1P+E, 220V, 50/60 HZ
HA-HC40EPCU	1630	770	1843	40	4, 10	2.7	320	
HA-HC36EPCU	1630	770	1723	36	4, 9	2.5	300	
HA-HC32EPCU	1630	770	1603	32	4, 8	2.3	280	

Trays

HA-T470	470	330	17	For domestic models	Colors: Camel, Pink, Green
HA-T509	509	330	17	For overseas models	Colors: Camel, Pink, Blue

The external dimensions and specifications are subject to changes for product improvement.