

GoCart™

Autonomous Meal-Transport System



GoCart V1.1

GoCart V2.0

 **Gopher™ Series**

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 **YUJIN ROBOT**



The revolution has started and what's a revolution without a demonstration? A GoCart demonstration, that is.

It's our way of introducing you to GoCart, Yujin Robot's revolutionary new robot for elderly and health-care facilities. So powerful, it frees your staff from meal-transport and recovery tasks. So advanced, it monitors the world around it with its d-SLAM vision system, talks to other GoCarts, and autonomously transports meals quickly and safely. So simple, it is as easy to operate as a phone. And so versatile, it delivers meals, linen, medicine, and more. All of which you can experience for yourself, at any of our demonstrations or pilot sites. So come to the demonstration. It's the first step to seizing power.

*AMR = Autonomous Mobile Robot
AGV = Automated Guided Vehicle

COMPARISON		GoCart	Other AMRs	AGVs
Fully autonomous		+	+	+
Easy installation		+	-	--
Price		+	-	--
d-SLAM™ machine vision		+	-	-
Operates in any size facility		+	-	--
HACCP compliant		+	-	-
Works independently or in groups		+	-	-
Predicts and adjusts cart location automatically based on workload and resources		+	+	-

	GoCart V1.1	GoCart V2.0
Dimension	49 x 52 x 107cm	57 x 75 x 150cm
Payload	60kg, GN ½ compatible	120kg, GN 1/1 compatible
Speed		1m/s
Operation hours	4 hours (3 hours for full recharge)	
Sensors	2 x stereo-camera with d-SLAM for navigation; 2 x 3D sensor, 1 x LIDAR, PSDs, USSs for obstacle avoidance	
Application	medical samples, medicine, drinks & snacks	meal, linen, package deliveries

SAVES TIME AND MONEY



BENEFITS

- + Works around the clock**
Substitutes the labor needed to transport meals within elderly and health-care facilities.
- + Integrates into any elderly and health care facilities**
Works in any elderly and health-care facilities. GoCart's system integrates into your existing IT infrastructure.
- + Improves resident/patient experience**
Staff can spend more time with residents/patients instead of transporting meals and dirty dishes. More time with residents/patients translates to better care and improved satisfaction.

- + Elevates quality of care and satisfaction**
GoCart brings needed relief to staffs, enabling them to focus on higher value-adding activities and boosting the quality of care for residents/patients.
- + Ensures resident/patient/worker safety**
Overtasked staff makes mistakes and resident/patient care suffers as they are unable to spend time attending to the needs of the resident/patient.

Fully autonomous system
on demand on schedule