

**EASY
IMPLEMENTATION**

Affordable price,
Minimum training time,
Fast deployment time

**INDOOR &
OUTDOOR**

Bumps and slope,
Rugged terrain
IPX2 Rating

ADAPTABILITY

Able to handle dynamic
uncertain environments

**NAVIGATION
FUNCTION**

Follow Me Mode
*Target Tracking
Navigation*



Memory Trace® Mode
*Autonomous Navigation
(Memorise and Playback)*



Line Trace Mode
*Retro-Reflective
Line Tracking
Navigation*

**APPLICATION
USE CASES**

Roll Cage with Towing Cart
(Manufacturing, Linen, Logistics)



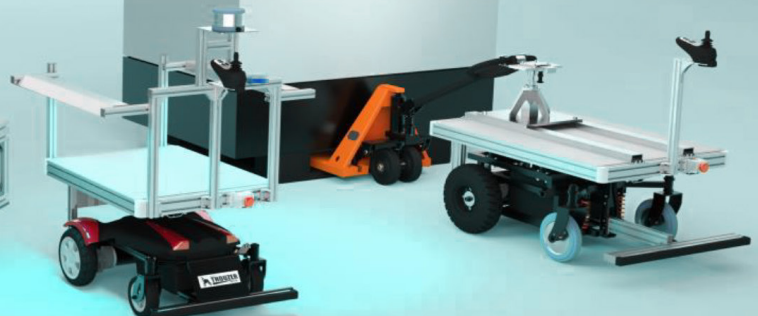
Pallet Transportation
(Logistics)



**Pallet Transportation
with Pallet Jack**
(Logistics)



UV-C Light
(Disinfection)



PRODUCT SPECIFICATION

| | | BASIC | STANDARD | GIANT |
|-----------------------------|-----------------------------|---|--|--|
| DIMENSIONS | Robot Dimension | 600mm (W) 950mm (L) | 600mm (W) 950mm (L) | 700mm (W) 1180mm (L) |
| | Loading Platform | 600mm (W) x 750mm (L) | 600mm (W) x 750mm (L) | 700mm (W) x 1000mm (L) |
| | Platform Height | 455mm | 455mm | 455mm |
| PAYLOAD | Payload | 120 kg | 120 kg | 300 kg |
| | Towing Capacity ※ | 300 kg | 300 kg | 600 kg |
| SPEED & MANEUVERABILITY | Max Speed | 7.5 km/h | 7.5 km/h | 7.5 km/h |
| | Minimum Radius of Rotation | ~0.72 meter | ~0.72 meter | ~1.0 meter |
| | Maximum Slope Gradient | 6 Degree (With Full Load) | 6 Degree (With Full Load) | 1 Degree (With Full Load) |
| NAVIGATION FUNCTIONS | Follow-Me | Availability | ✓ | ✓ |
| | | Availability | ✓ | ✓ (Optional) |
| | Memory Trace® | Number of Routes | 5 | > 5 |
| | | Availability | N/A | ✓ |
| | Line Trace | Highway Availability | N/A | ✓ (Optional) |
| Availability | | N/A | ✓ (Optional) | |
| POWER | Battery | Lead Acid Type (2x 12V 34Ah) | | Lead Acid Type (2x 12V 75Ah) |
| | Battery Run Time (Distance) | Up to 20 km (Full Charge) | | |
| | Charging Time | Approximately up to 8 Hours (0% - 100%) | | |
| PROTECTION | IP Class | IPX2 | | |
| SENSOR & SAFETY SYSTEM | Sensor (Class 1 safety) | Range | Maximum Distance (30m) Height (33cm) FOV (320°) | Maximum Distance (10m) Height (30cm) FOV (270°) |
| | Safety Components | | Emergency Stop Button Bumper Switch Alarm Device (Sound) Indicator Light (Optional) | Emergency Stop Button Bumper Switch Alarm Device (Sound) Indicator Light (Optional) |
| EXTERNAL SYSTEM INTEGRATION | Wi-Fi Communication | | N/A (only for maintenance) | ✓ |
| | I/O Terminal | | N/A | ✓ |
| | API for System Integration | | N/A | ✓ |

* Please refer to product manual for safe use

