GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · INDOOR AGV

TRACER

Indoor Shuttle · High-speed AGV

A two-wheel differential wire-controlled chassis: small, flexible, high bearing capacity and the cost-performance choice for indoor transport.

Presented by GateIn Technology · Exclusive AgileX partner in Egypt



Indoor two-wheel differential chassis



Built for indoor transport

Small, flexible structure shuttles freely in various indoor environments.

High handling efficiency

High bearing capacity combined with strong power.

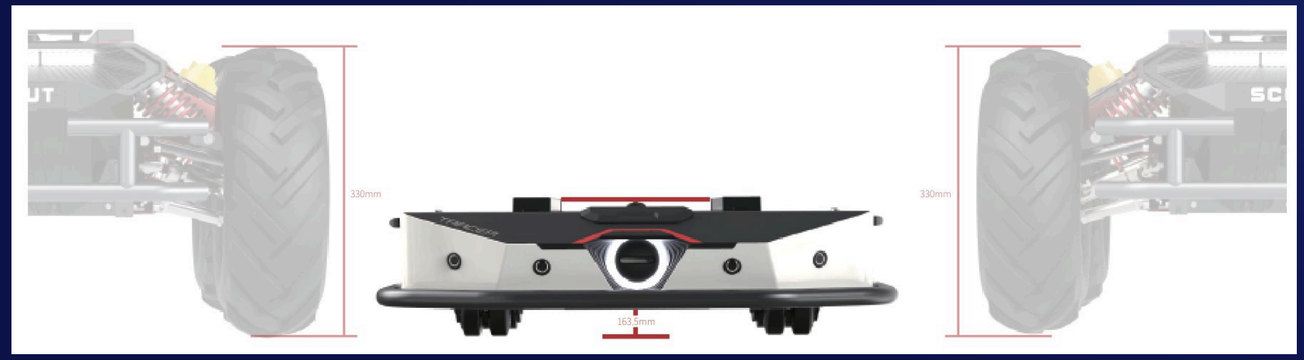
Autonomous-ready

Operates more autonomously with a sensing system.

Cost performance

Low cost, high efficiency and fast deployment.

Flat design, rapid development



Flat design for free shuttle

Extreme bearing capacity; two-wheel drive with universal wheels for differential rotation; swing-arm independent suspension for small obstacles.

CAN bus control

Open-source SDK and ROS package for lightweight operation modes.

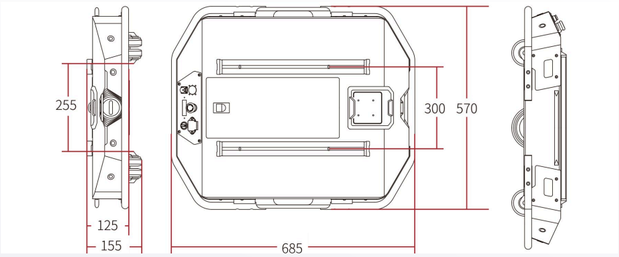
Reserved positions

Slide rails and front & rear sensor mounts for lightweight autonomous driving.

Advanced systems

Custom aluminium-profile sensor brackets; ROS, Apollo and more.

TRACER Specifications



Parameter	TRACER
Dimensions · track	685 × 570 × 155 mm · 360 mm
Weight · ground clearance	28–30 kg · 30 mm
Rated progressive load	100 kg
Climbing · turning · obstacle	≤8° · 0 m (rotates in place) · 10 mm
Suspension · drive	Independent with rocker arm · two-wheel differential steering
Max speed	6 km/h
Operating · charging	4 h · 2 h · -20 to 60 °C
Battery · outward supply	24 V 15 Ah (std) / 30 Ah (opt) · 24 V 5 A
Motor · encoder	2 × 150 W brushless servo · 1024-line photoelectric incremental
Interface · material	Standard CAN, RS232 · steel body

GateIn One accountable partner

We don’t just ship the TRACER. GateIn designs, supplies, installs, integrates and supports AgileX solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
Since 2021

Design | Sourcing | Installation | Integration | Training | Long-term Support

An integrator, not a vendor.

Exclusive AgileX partner for Egypt

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Let’s plan your TRACER deployment

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