



AUTOMATED TUGGER AGV

K32 Tugger

Automated logistics trains up to 1,000 kg.

600 / 1,000 / 1,000 kg
max. load

0.7 m/s

Mapping

VDA5050
compatible

APPLICATION

Tugger vehicle for automating milk-run circuits with carts and empty returns. Designed for repetitive routes, defined stops and continuous material flow in production plants.

Key applications

- Supply milk-run and empty returns
- Towing multiple carts
- Fixed or repetitive routes in manufacturing
- Heavy component and kit flows

TECHNICAL SPECIFICATIONS

Model	K32P / S420 / S430
Dimensions	1370 x 480 x 1140 mm
Train	Up to 4-5 trolleys
Maximum payload	600 / 1,000 / 1,000 kg
Maximum speed	0.7 m/s
Navigation	Mapping
Safety	Front and rear scanners
Transport system	Manual, semi-auto (PIN) or auto

KEY INDUSTRIES

Automotive

Manufacturing

Logistics

Pharma & Health

Food & Beverage

Electronics

Retail

About Kivnon Robotics

Founded in Barcelona in 2009, Kivnon designs, manufactures and implements AGV and AMR solutions for intralogistics worldwide. With 16+ years of experience and 6,000+ mobile robots deployed, we deliver continuous, zero-downtime automation for the most demanding industries.

16+

Years

6,000+

Robots

Global

Reach

Part of Cap Capital · Green Robotics Division · Backed by 52M€ social capital



K32 Tugger · front view and status display

Key Features

- **Automated milk-run** - Automates repetitive supply circuits with carts and empty returns.
- **Flexible coupling** - Manual, semi-automatic (PIN) or automatic coupling.
- **600 / 1,000 / 1,000 kg max load** - Enables logistics trains for continuous material flow.
- **Mapping** - Autonomous navigation guidance.

600 / 1,000 / 1,000 kg

Max. load

0.7 m/s

Work speed

4-5

Train capacity

Auto

Coupling system

Mapping Navigation - Stable Tugger Automation

The K32 Mapping automates milk-run circuits with carts and empty returns, moving logistics trains with maximum loads of 600 / 1,000 / 1,000 kg on repetitive routes with defined stops. It is guided by Mapping for autonomous operation - a robust solution for continuous material flow in manufacturing.

Milk-run flow

Flexible coupling

Mapping

Repetitive routes

VDA5050

READY

Seamless integration into multi-vendor fleets, Fleet Manager and WMS.

Global Partner Network

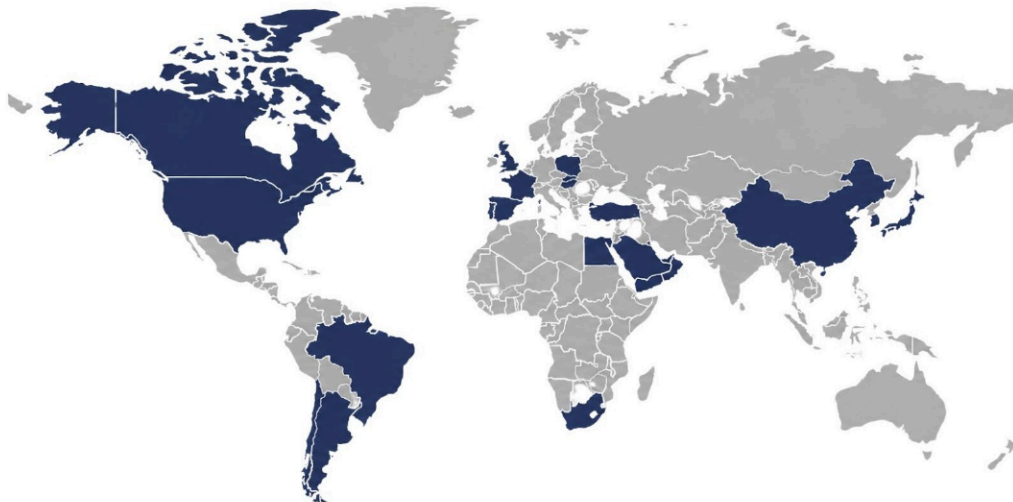
A worldwide network of certified integrators, distributors and technology partners ensures local implementation, after-sales service and continuous support.

Europe

Americas

Asia-Pacific

Middle East



Trusted by global industry leaders

Gestamp

Benteler

Adient

Alps Alpine

SIG

Citroën

Ford

Ready to automate your intralogistics?

We design end-to-end AGV/AMR solutions tailored to your facility.