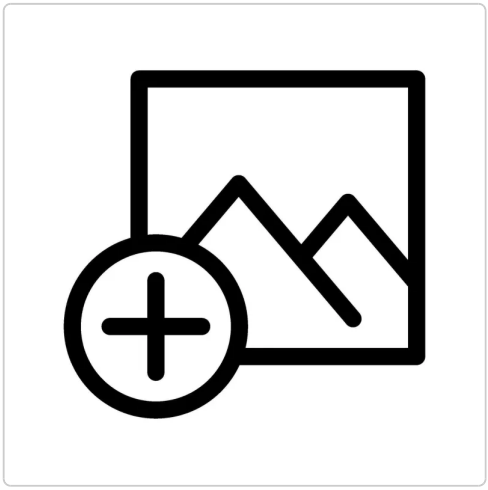
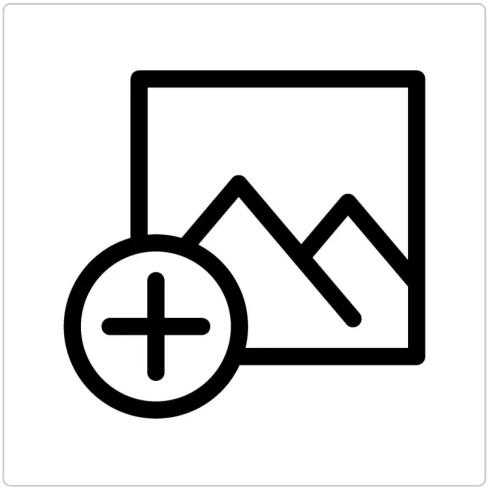
Product datasheet

Version: 27/07/2026

EVEA - E-porter 500 - Electric handling cart





Reference : EVE-EPORT500-4RM-MANUT

Brand : EVEA

Options :

No variants

3D Model : Not available

EAN-13 :

The EVEA E-porter 500 handling version with hopper is an electric carrier designed for on-site load transport in industrial, agricultural and technical environments. This utility configuration is intended for short cycles, repeated operations and uneven ground, with a layout suited to collection, transfer and unloading.

Its twin DC motors, 4 kW system output and large all-terrain wheels provide a coherent basis for an integrated handling hopper used for local logistics rather than lifting operations.

Electric drive

Electric handling cart with hopper

The E-porter 500 is positioned as an electric handling cart with hopper, not as a forklift. It is intended to transport tools, consumables, parts, green waste or bulk materials on site at low speed over short, repeated cycles.

4 kW industrial electric carrier

The drivetrain combines two DC motors, a 4 kW system output and large all-terrain wheels. This arrangement supports repeated loaded starts and operation on paved paths, soft ground, technical outdoor areas and mixed workshop-to-field routes.

Technical data

Model	E-porter 500
Reference	EVE-EPORT500-4RM-MANUT
Configuration	Handling version with hopper
Drive architecture	Twin DC motors
System output	4 kW
Propulsion energy	Electric
Main use	On-site load transport
Operating logic	Low speed
Wheels	Large all-terrain wheels
Target ground	Paving, fine sand, uneven and mixed surfaces
Work function	Collection, transfer and unloading

Hopper and stability

Load centre and integrated hopper

The hopper is a functional subsystem that directly affects stability, unloading, maintenance access and operating safety. Hopper height, load centre, tipping method and material must be validated for moving, dense, wet or abrasive loads.

Load transport on mixed ground

The hopper integration should preserve access to service components, reduce projections onto sensitive areas and limit centre-of-gravity movement during operation. The complete cycle must be assessed: loading, travelling, unloading, return and restart.

Site applications

All-terrain electric utility cart

This configuration suits internal transport between buildings, workshops, technical areas and outdoor zones where the route alternates between stable and uneven surfaces. It can also support agricultural, equestrian and maintenance operations involving tools, consumables or operating waste.

Collection and local logistics

The E-porter 500 handling version is suitable for close-range collection and site logistics. It is neither a mini dumper nor lifting equipment, but an electric carrier designed for on-site load transport with an integrated hopper.

Before integration

Uneven ground and moving loads

Is this electric cart suitable for uneven ground?

Yes, provided that stability is validated with the actual load and site conditions.

What types of loads can be carried?

Tools, consumables, parts, green waste, bulk materials and bulky loads may be considered, subject to final load distribution validation.

How does it differ from a forklift?

The E-porter 500 is not lifting equipment. It is designed for on-site transport and local logistics.

Why is load distribution important?

Hopper position and moving contents directly affect stability, traction, driving comfort and unloading safety.

Final validation must cover hopper integration, actual load, stability, maintenance access and real operating conditions.

Searches frequently associated with this product: electric carriers, electric utility vehicles, all-terrain electric handling.
View the corresponding category

Product sheet written by **Hugo C.** and reviewed by the EVEA Distribution technical team — Last updated on 27/07/2026.

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