

RAVAS iCP Performance

Weigh in Motion

MOBILE
WEIGHING
SYSTEM

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In today's fast-paced logistics world, Less-Than-Truckload (LTL) and air cargo carriers are under immense pressure to move materials faster, safer, and with greater accuracy than ever before. Every second spent moving pallets matters, and every miscalculation can have costly consequences.

The RAVAS iCP Performance was developed as a direct response to these challenges. It is more than a weighing attachment; it is a next-generation solution that redefines what forklift weighing can deliver.

Setting a New Standard for Speed, Accuracy, and Safety

Increased productivity

Faster throughput and fewer handling delays.

Higher accuracy and compliance

Legal-for-Trade certification ensures reliable billing and audit-ready accuracy.

New revenue opportunities

Capture additional profit with automatic reinvoicing based on certified weights.

Improved safety

Reduce accidents, operator claims, and liability through smart alerts and safer handling.

Better ergonomics

Reduce operator fatigue and workplace injuries, lowering downtime and insurance claims.

Future-ready technology

Over-The-Air Updates and modular design keep your fleet ahead of evolving logistics needs.

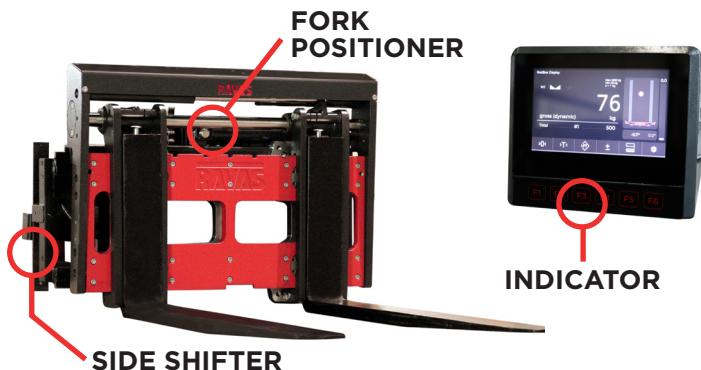


Optional Features

- Weigh-in-Motion (WiM); upgrade to a fully automatic weighing solution
- Fork Positioner, Side Shifter, or both (modular system)
- Height sensor
- Wired Printer (12V, Thermal)
- Connectivity: Indicator App and RAVAS Integration Software solution (RIS)
- Legal for Trade Version



RAVAS iCP Performance



Key advantages include:

Integrated fork positioner and side shifter

Position pallets faster, with integrated fork positioner and side shifter, with minimal impact on truck load capacity.

Weigh-in-Motion (WiM), fully automatic weighing on the move

No stops, no manual actions, no wasted time.

Legal-for-Trade certified (OIML)*

Ensures compliance and enables revenue capture through verified weights.

* Expected availability as of Q1 2026

Revolutionary design

Lightweight, robust carriage plate with minimal capacity loss and maximum pallet visibility. Fork of up to 2 m may be used for Legal-For-Trade OIML-approved weights.

Advanced safety features

2D load cells and optional height sensor detect tip risks, irregular loads, and provide real-time visual and sound warnings.

Operator ergonomics

Side shifter and fork positioner reduce manual repositioning, improve productivity.

Seamless data integration

Connects via WiFi, RS232 for printer, or USB-C for hand scanner and integration with tablet with WMS, TMS, and ERP systems for live reporting and automatic reinvoicing.

Future-proof investment

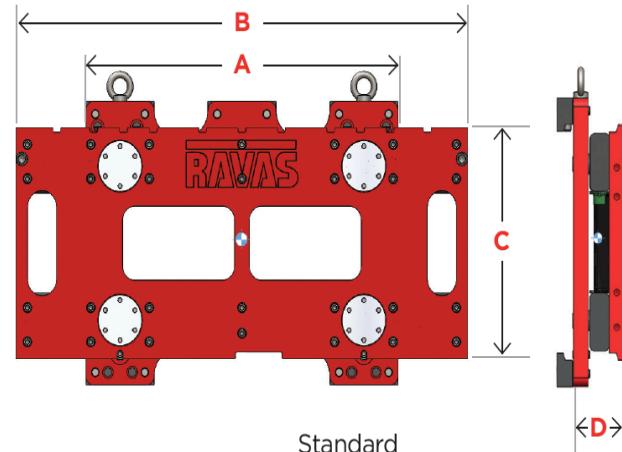
Patent-pending technology with over-the-air updates ensures the system evolves with your business.

Standard features:

- WiFi • over-the-air (OTA) updates • digital calibration
- load centre indication • overload warning • tipping warning • gross/net/tare**

** not available in combination with WiM

DIMENSIONS IN MM



Standard

Class II

A	Width back plate	640
B	Width front plate	927
C	Height carriage plate	407
D	Thickness carriage plate	105
Hcg	Horizontal centre of gravity	51
Vcg	Vertical centre of gravity	184
	Own weight (kg) based on std. dimensions	141

DISCLAIMER: Tolerance +/- 2 mm according ISO 2328

Rated distance of center load: according to ISO 2328:2011

Note: The fork lift truck dealer must use the above data to recalculate the lifting capacity. In addition, according to directive 2006/42/EG the fork lift truck dealer must adjust the ID plate on the fork lift with revised information about lifting capacity and load center.

TECHNICAL SPECIFICATIONS

- WiM; max driving speed 12km/hr (speed and measuring time depend on driving surface and style, and weight of the load)
- Operating Temperature: -10 till +40°C
- Full colour, high resolution, TFT display
- Capacity: 2,500 kg
- Graduation: 2 kg (1 kg optional)
- System tolerance: 0.08% of the load lifted (0.04% for the 1 kg option)
- Protection class: IP65 / NEMA 4
- Power supply: Cabled from battery, via power converted 9-48 Vdc / 12 Vdc

RAVAS Indicator App for data capture on Android tablets and smart phones



RAVAS
creating intelligence

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