

Low Speed WIM Systems for law enforcement



www.tenzovahy.com

TENZOWIM 134

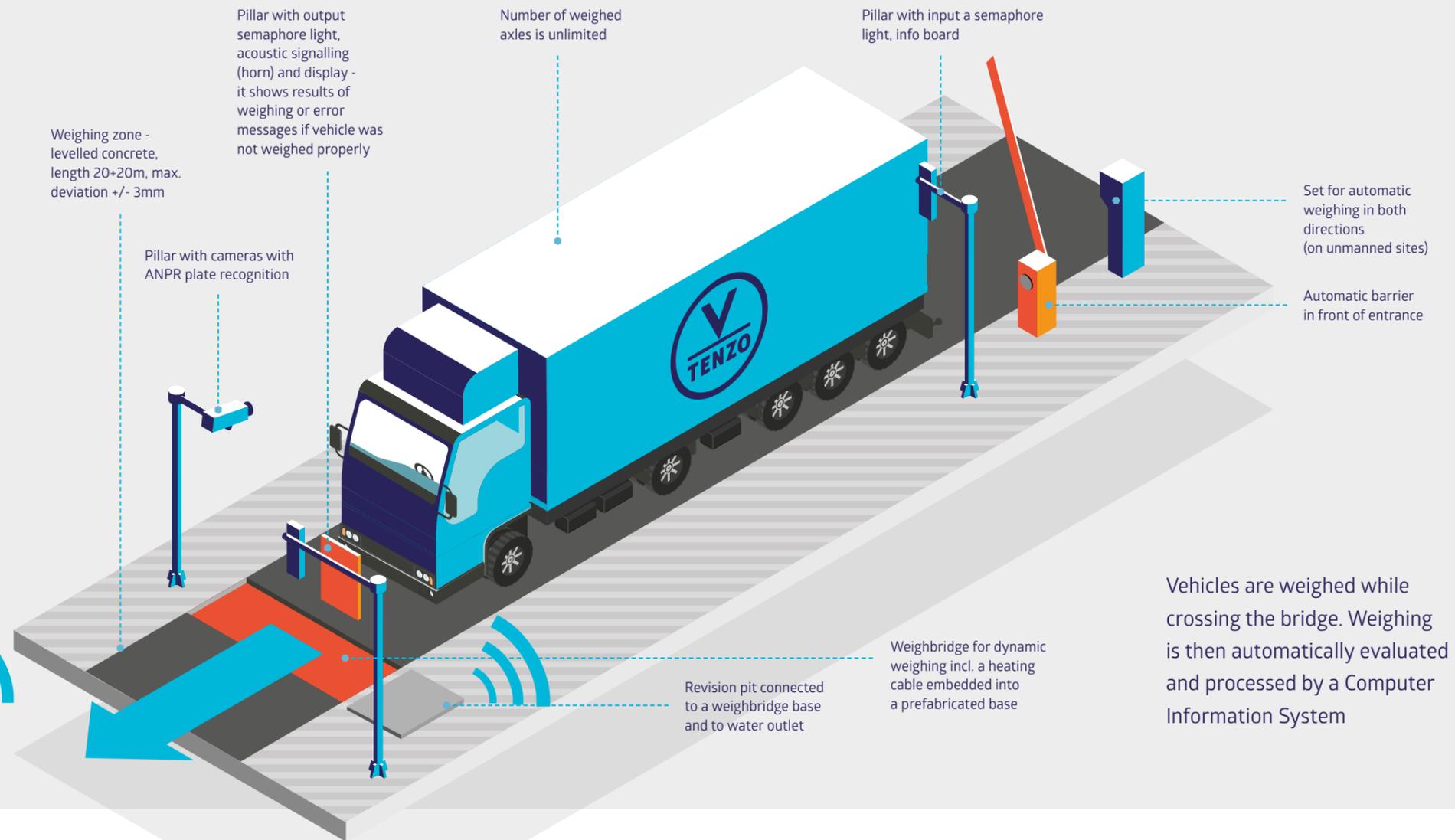
Dynamic Weighing System for Low Speed WIM

Weighing System TENZOWIM 134 has been designed for fast and accurate weighing of vehicles in motion (WIM).

TENZOWIM 134 is advanced weighing equipment suited for law enforcement weighing as well as for weighing in logistics terminals, in forwarding, in quarries and construction companies.

TENZOWIM 134 is characterized by low operating costs and by high operational accuracy.

Integration into an Enterprise Information System



Vehicles are weighed while crossing the bridge. Weighing is then automatically evaluated and processed by a Computer Information System



Examples of using Low-Speed Weighing Systems

How does the weigh-in-motion system TENZOWIM 134 work?

Weighing system TENZOWIM 134 automatically evaluates loads of individual axles, axle groups and the Gross Vehicle Weight (GVW) of the vehicle at the time when the vehicle passes over the weighing platform. Operation can be fully automatic - unattended.

Weighing in motion brings significant efficiency gains and time-savings. Up to 300 trucks per hour can be weighed on sites with rush Traffic.

TENZOWIM 134 has been certified for both.

Use advanced features of the TENZOWIM 134



Automated & unattended operation, high throughput – up to 300 vehicles can be weighed per hour.



Highly accurate weighing - the gross weight of a vehicle and its axles is evaluated in speed up to 16km/h and with high 1% accuracy.



Smart software & On-line data - automatic analysis of vehicle load according to national limits including all subsequent steps of law enforcement process. Data outputs and documents are recognized by national road authorities. Software generates weighing protocols. Data can be transferred on-line into Data Centers.



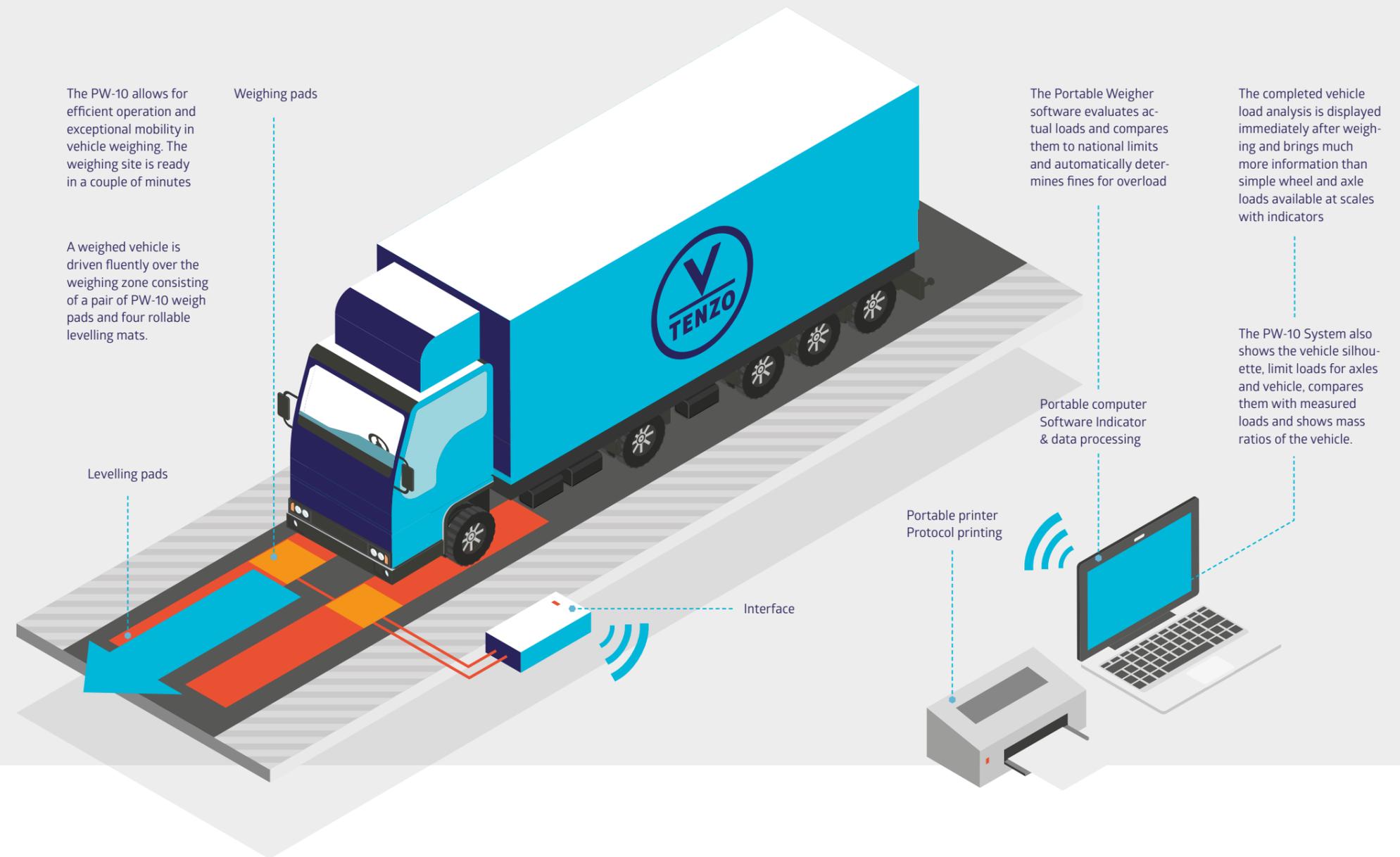
Reliability in harsh weather conditions- heating or air-conditioning accessories ensures reliable operation of scales even in the extreme temperatures. The weighing bridge is protected against corrosion by hot-dip galvanizing. Top class stainless load-cells are standard for us.



Advanced diagnostics for preventive maintenance and maximum uptime. The 24/7 service supervision is available. Each sensor is independently monitored.

PW-10 Portable System for checking vehicle loads

Portable Weighing Systems PW-10 is used for law enforcement weighing by state authorities and also in the private sector for checking the load of vehicles – i.e. in transport companies and industrial or construction plants.



Operation of Portable Weighing Systems in real situations

The Portable Weighing System the PW-10 was designed for weighing axles and total vehicle weight. Thin and light-weight weighing device combines the reliability of strain gauge scales with high mobility in everyday operation. The system ensures exceptional operability in vehicle weighing. Site preparation takes only a few minutes.

Why to use the PW-10?



High mobility, operability and convenient operation – thin and large weighing pads with weight under 18kg



Year-round operation



Highly accurate ascertainment of Gross Vehicle Weight (GVW), individual axles and their groups, Weighing Capacity up to 20ton/axle, unlimited number of weighed axles

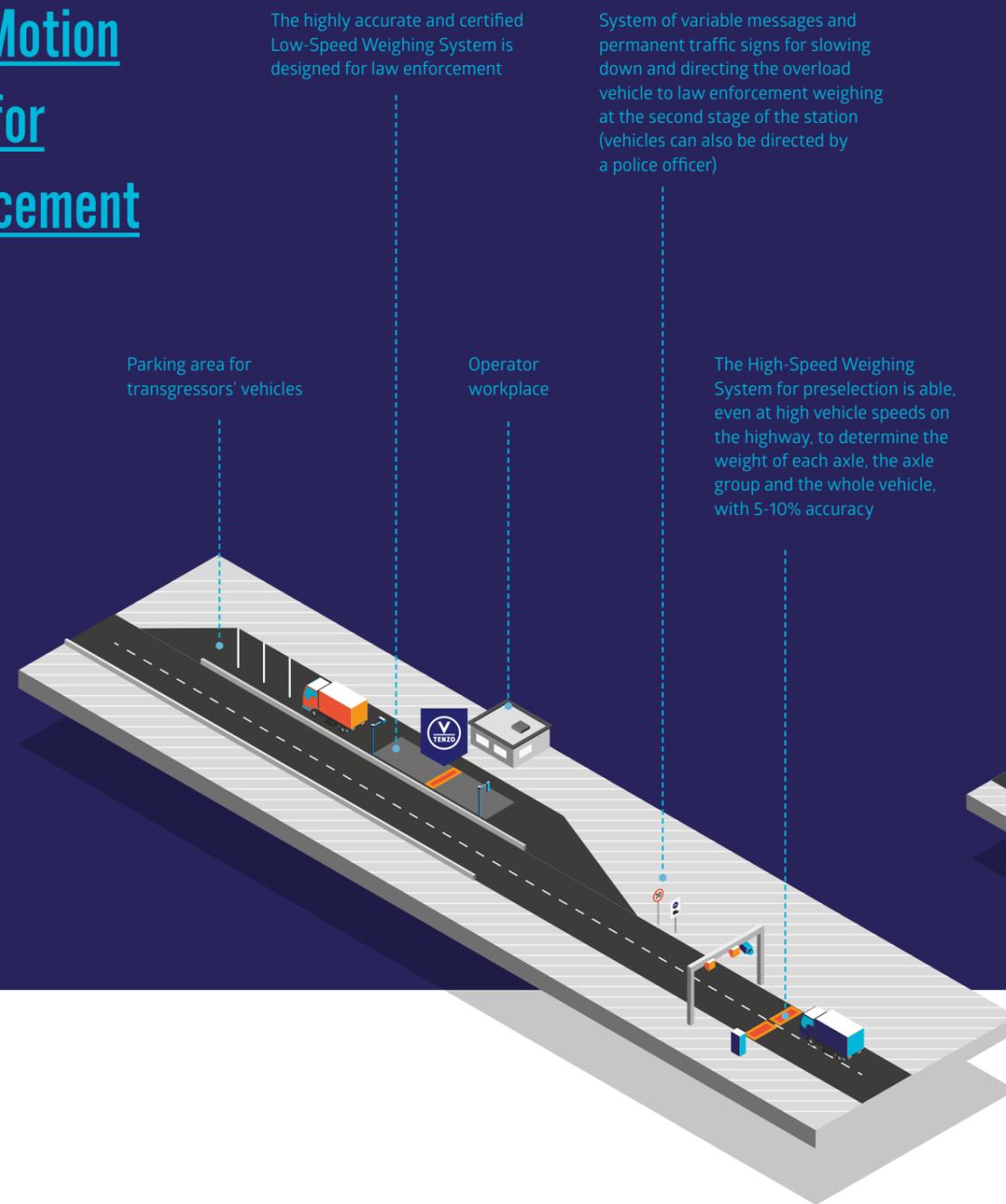


Time saving weighing in a dynamic WIM mode with 2% accuracy (WIM accuracy was not examined in EU type approval)



EU type-approval certificate for commercial weighing and for law enforcement weighing by state authorities (issued by the Czech Metrology Institute - notified body 1383, TCM 128/04-4103+R2)

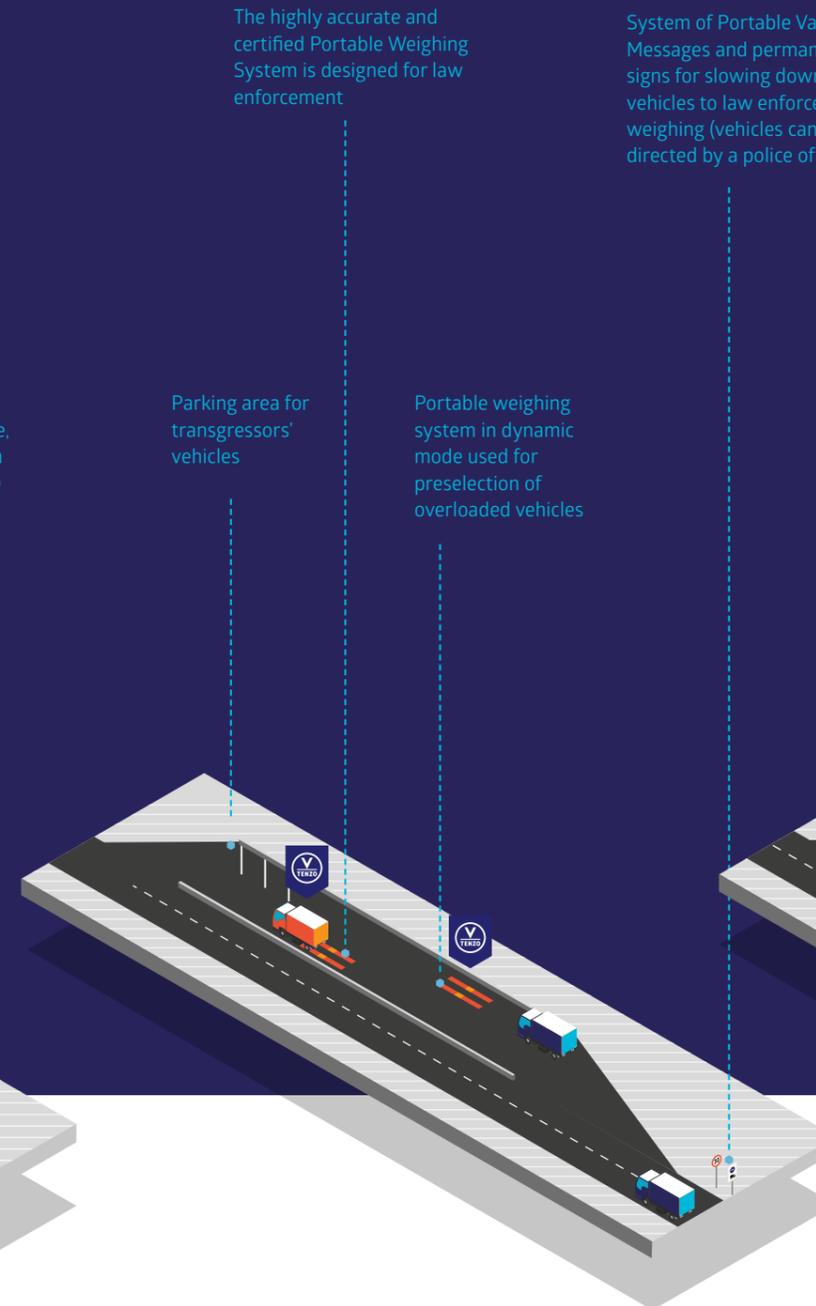
Weigh-in-Motion Systems for law enforcement



Two stage Weighing Station with High-Speed and Low-Speed weighing

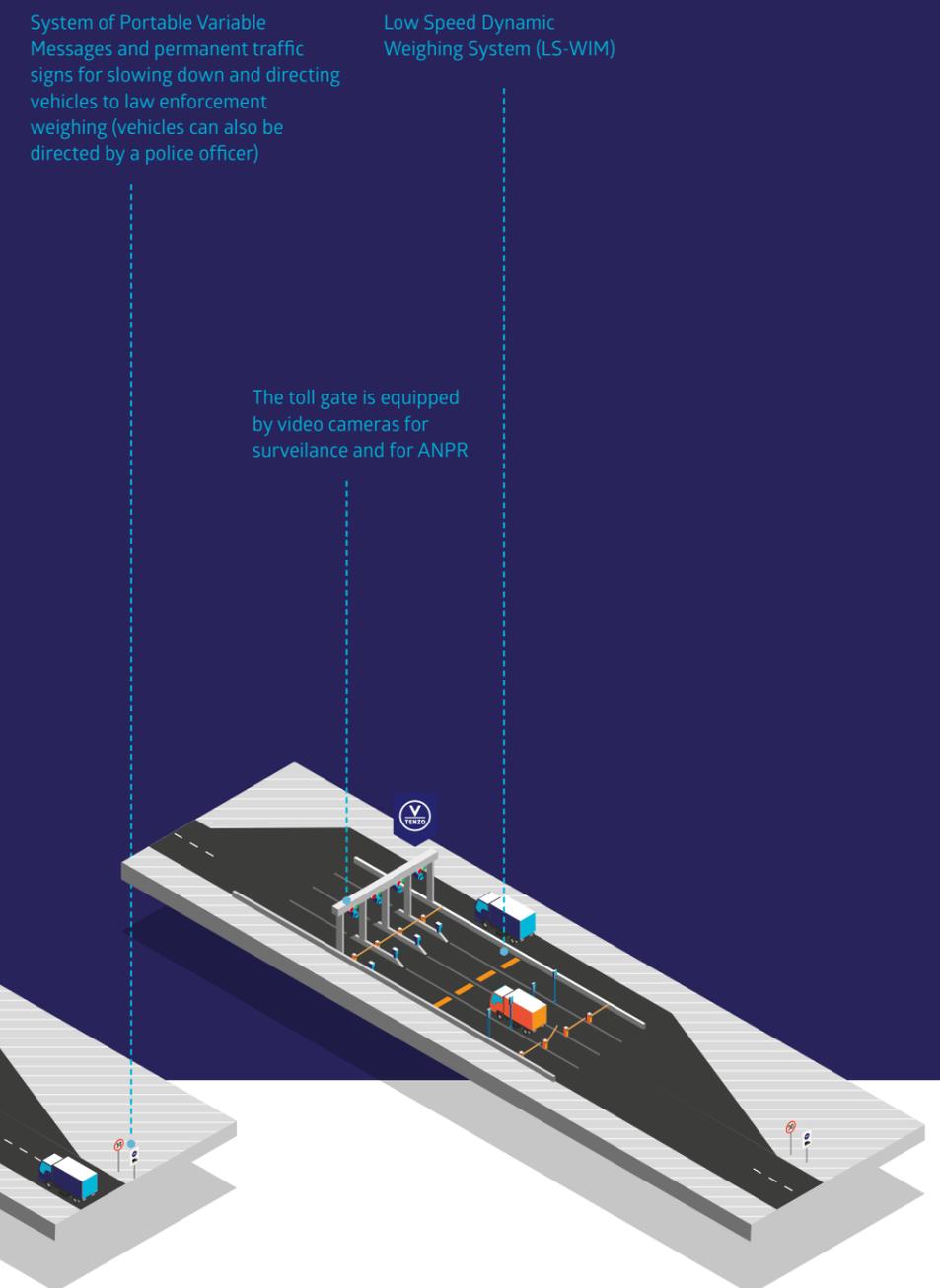
The most effective solution for direct charging of overloaded vehicles is two-stage weighing station with high-speed preselection and low-speed law enforcement weighing. The high accuracy of second stage reduces the number of appeals in administrative proceedings and significantly increases efficiency of weighing station. Up to 60% of overloaded vehicles

are undetectable by HS WIM systems. Therefore we recommend the second stage of weighing that captures 100% of vehicles offending load limits. Both stages can run continuously in fully automatic and unattended mode. Throughput of LS WIM is up to 300 vehicles per hour.



Two-stage Portable Weighing Station with two sets of Portable Weighing Systems

Weighing station with fast preselection followed by accurate law enforcement weighing can be created also by a couple of Portable Weighing Systems, especially on temporary sites where building of stationary weighing systems is not possible or effective. Throughput of portable weighing is up to 15 vehicles per hour, on sites with WIM preselection on second PW-10 the throughput is increased to 60 vehicles per hour.



Low Speed Dynamic Weighing System (LS-WIM) both for Electronic Toll Collection and for border crossings

The Low-Speed Weighing System in combination with automation payment stations serves both to toll collection and for detection overloading vehicles.



Weighing systems for you for more than 25 years

TENZOVAHY offers you a comprehensive range of weighing systems for transport, forwarding, logistics, industry, construction and public administration. Our products meet national and international standards applicable in the EU, including OIML and ASTM international recommendations. We are ready to find the right solutions for every requirement related to truck scales and weighing. We actively cooperate with our clients from the first inquiry through to final service. Quality is our main goal. With more than 25 years of serving our customers, we have implemented hundreds of successful Static and Dynamic Weighing Systems in the Czech Republic and abroad.

Services for OEM partners

- Our weighing systems are ready for installation by OEM system partners.
- We advise with choosing the appropriate weighing system.
- We provide necessary training the OEM partners with needed equipment including the project documentation and the guide for installation of weighing systems.
- We support our OEM partners in first installation of the final product.
- Even after delivery and commissioning we still care for our clients. We can support them during certification and with official verification.
- After the warranty period we are ready to take care of the supplied equipment. Our customers have access to helpdesk. Their request will be solved either by remote diagnostics or timely intervention on the weighing site.



Address

TENZOVAHY, s.r.o.
Machátova 345/3
783 01 Olomouc
Czech Republic

Phone: +420 585 428 186
WhatsApp: +420 730 167 153
E-mail: tenzovahy@tenzovahy.cz
Website: www.tenzovahy.cz

Don't wait,
start weighing!