MORE **POWER**
UNDER THE HOOD

VEI has been in constant evolution since our first product launch in 1986. Today, everything moves fast! In this world of performance, we continue to develop the most high-tech electronics in onboard scales to meet these extreme demands. Listening to customers' ideas has always been the most important aspect of our development and getting product improvements into the market is how we've earned your respect.

VEI completely redesigned its electronics for the Series 2, representing a milestone in the industry. With more power under the hood, weighing data is now more connected than ever to the office.

Every VEI monitor has the functionality to perform specifically on the machine it's sensing, whether hydraulic pressure, angles or structural stress. Our custom software per application makes us unique in the industry. When you take our advanced electronics – coupled with 35 years of experience in weighing systems software – you're assured VEI onboard scales are the best solution for your business for all your machine loading, lifting and material hauling needs.

WITH MORE PROCESSING POWER, WE PUSH FURTHER FOR ULTIMATE ACCURACY ON EVERY LOAD.

New Series 2 power increase

PROCESSOR SPEED
INTERNAL MEMORY
FUNCTIONALITIES

Increased **navigation speed**

Revised **record layout**

Increased **files content**

Customer link to destination

Ticket number with prefix letter

Prints **QR** and **bar codes**

Advanced diagnostics

Free upgrade

New **ipotweb cloud** service

THE NEW HELPER M S2

The Helper M (HM) is the new entry-level scale perfectly suited for compact and medium-size machines used in nurseries, small sand & gravel pits, municipalities and warehousing companies. Easy to use, it also has built-in data management features to help you grow your business and improve your bottom line.

Designed from the X5 monitor technologies, installed on tens of thousands machines in the world, Helper M transforms your machine into a portable scale system on 4 wheels! Weighing everywhere on your site can make a big difference on your efficiency to load customers. Select your product name and start loading! Bucket loads are added automatically for you, so you can concentrate on your work. When you're finished, you clear the total or print a ticket for your customer.

VEI Helper M is the "Helper" that makes a big difference.

Data Management

Products	20
Recipes	5
Tares	10
Operator IDs	5
Site owner	Yes
Machine code	Yes
Tools calibrations	5
Weights log (no. records)	100
USB data export to Excel	Included
ipotweb USB import/export	Optional
Maximum bucket capacity	6,000KG / 13,200 lbs
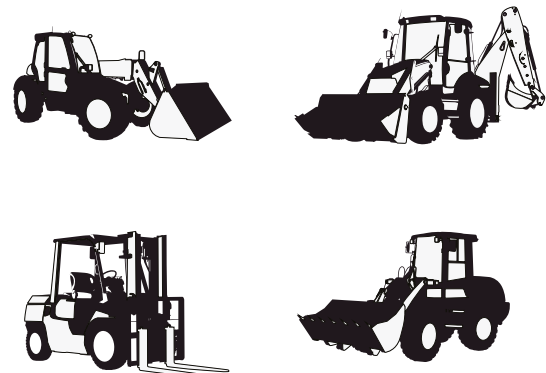
* Based on Ver. E

VEI

Advancing Onboard Weighing Systems

THE NEW MILLENNIUM 5 S2

The Millennium 5 (M5) is specially designed to prevent truck overloads on any machine size and under the most demanding applications and tasks. The interface for the operator is intuitive and key loading information is selectable to print or download easily. It's the right balance between performances and features. If you need more advanced features in the future, you can easily upgrade your software to Helper X for a minimum investment.

From aggregate to transport industries to contractors and municipalities all across North America, the M5 continues to be THE standard for companies, especially if you're using different brands of machines. VEI is more than loader scales. We offer high-tech weighing solutions specially designed for ADT and haul trucks using specific operating mode and sensors.

VEI Millennium 5 Series 2 fits all your machines for greater productivity.

Data Management	Loader Mode	Truck Mode
Products	30	30
Customers	20	0
Destinations	0	5
Recipes	5	5
Progressing loading bar	-	Yes
Target weights	10	-
Tares	10	-
Operator IDs	100	100
Site owner	Yes	Yes
Loading site	Yes	Yes
Loading company	Yes	Yes
Machine code	Yes	Yes
Tools calibrations	5	-
Weights log (no. records)	2,000	2,000
USB data export to Excel	Included	Included
ipotweb USB/Cellular/WiFi import/export	Optional	Optional
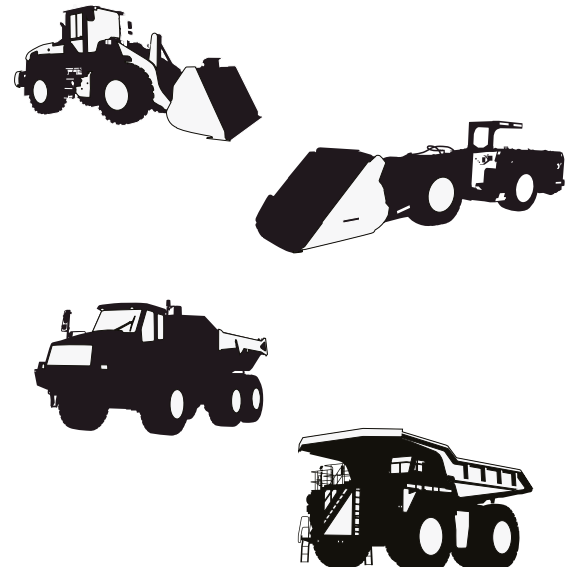
* Based on Ver. F

The Helper X (HX) is our most advanced weighing instrument where our 35 years of knowledge put to the test so you can perform the most demanding applications. HX reduces or eliminates paperwork and eases data management with its ipotweb cloud solution.

When managing customers, products, destinations and vehicle IDs, Helper X is your right choice on wheel loaders and material handlers. An industry first, Series 2's new two-way communication between ipotweb and machines is now available with Helper X's Logistics and Containers mode. Office can send direct instructions to the operator in real time and ease operator data management by eliminating paperwork in the cab.

VEI Helper X Series 2 is more than a scale, it's a real operator Helper.

Data Management

Products	300
Customers	1,200
Vehicles	1,200
Destinations	1,000
Carriers	1,000
Recipes	150
Job orders	100
Favorites	100
Target weights	10
Loading areas	20
Loading notes	10
Tares	10

Operators IDs	100
Site owner	Yes
Loading sites	Yes
Loading company	Yes
Machine code	Yes
Tools calibrations	10
Weights log (no. records)	2,000
USB data export to Excel	Included
ipotweb USB/Cellular/WiFi import/export	Optional
+ Data management specially made for the logistics and containers industries	

* Based on Ver. F

VEI
Advancing Onboard Weighing Systems

Vprint Thermal Printer

Vprint

For daily truck loading application, the Vprint thermal printer gets the job done. Vital information is highly visible and you can print several copies of the same ticket. The signature line at the bottom is ideal to have proof of loading from the truck driver.

New QR and barcodes are now available on M5 and HX Series 2! This new feature can be enabled at any time. Some job sites have personnel with handheld scanners to monitor the paperwork of trucks coming to unload. The driver shows his tickets and vital loading information is then scanned and shared automatically with job site personnel.

HELPER M
Ticket

MILLENNIUM 5
Ticket

HELPER X
Ticket

MILLENNIUM 5 & HELPER X
QR & BARCODE Ticket

Vprint thermal printer designed to fit under VEI's monitors

TRACKWEIGHT Mobile Cellular

Stay connected to your machine 24 hours a day. The TrackWeight Mobile modem sends you real-time load data—wherever you are. All you need is an cell phone connection. Using the TrackWeight Mobile modem requires the opening of an ipotweb.com account, as the data will be sent to VEI's servers. They can be viewed on ipotweb.com.

- Real-time data transmission
- Sending production data to the selected email account
- GPS location available soon!
- Ease invoicing with built-in customer by product report suiting specific date range
- Easy management of all loading sites
- Send data list like customer or product names from ipotweb to your X5 monitor

VORTEX WiFi

Ideal for sites where a WiFi network is available. Your machine will be part of the WiFi network in a few minutes and your loading data will be available at the chosen location—on your computer or in the cloud—with ipotweb.com.

Both options available on:

millennium5 | helperX

GET THE HARD WORK DONE FOR YOU!

ipotweb

Your loads in the cloud!

All payload information ends up in a single database from where it can be exported to a billing software. With ipotweb.com, you can generate different types of reports, and analyze your sales and machine productivity. Via ipotweb.com, production and sales are linked to billing, cutting administration filing time drastically. Yearly fees apply for ipotweb account.

IpotWeb reports available:

- Loading movements
- Report sorted by Customer and Product
- Report sorted by Product
- Report sorted by Machine
- Report sorted by Order No.
- Material delivery docket

From the cloud to your hand with ipotap

Imagine receiving vital information on your machine production in real time while being seated somewhere else.

Ipotap, supported by ipotweb.com, is an ideal tool to give you insight into and control of production and sales in real time directly from your pocket. An ipotweb account must be activated to use the mobile application.

Available on:

helper M | millennium5 | helperX

DETAILS

BUILT TO LAST

Operator ID

Loaded Weight

Product Loading

Weight Lifted

Loaded Vehicle License Plate and Weight or Target on Demand

Softkey Bar

Editing Keypad

Change Unit of Mass

Change Window

USB Port

Navigation Keys

Print
Subtract
Zero at Empty
Total / Delete

Screen display:

GRADY			02/18/20 14:35
TO LOAD	ton	PARTIAL	ton
20.00		8.00	1
PRODUCT		TS08 PBS	
GRAVEL 3.5			3.0
CUSTOMER		TRAILER	
TAYLOR CONSTRUCTION LTD			17.00

Softkey Bar features

ORDERS	CUSTOMERS	PRODUCTS	VEHICLES	TARGETS	TARGETS ON DEMAND	DESTINATIONS TERMINALS	RECIPES	FAVORITES

CLOUD DATA RECEPTION	TARES	CONTAINER BOOKINGS	SHIPPERS	LOTS	PICK LOCATION	DELIVER LOCATION	YES	NO
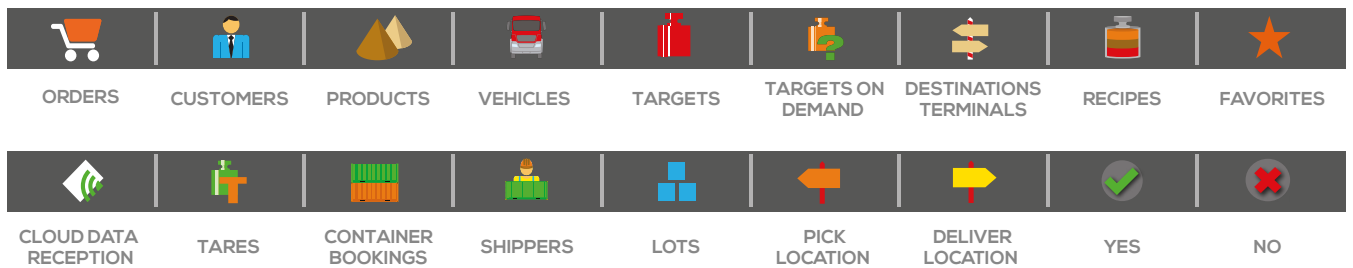
INSTALLATION &
CERTIFICATIONS

The Weighing Concept

VEI onboard scales are in use on all types of machines in a wide rage of industries. In every application, our scales deliver the most accurate information possible to achieve better optimization of your loadouts, production processes, sales analysis, inventory updates, truck-load optimization and loader productivity.

Simple and straightforward to install, scales will fit perfectly into your equipment with easy setups by factory-trained VEI technicians or your own personnel. Local support from VEI is always available to help you out.

Easily transfer your VEI scales from one machine to another or use multiple buckets or forks – they are durable and designed to last.

1 ONBOARD MONITOR

2 CONTACT-FREE WEIGHING ZONE SENSOR

3 LOAD SENSORS TO KNOW THE LIFTING PRESSURE

Certifications

All VEI products undergo extensive testing procedures to ensure customer satisfaction and compliance with the latest industry requirements for on-board weighing applications. These standards ensure long-term product reliability in harsh working environments, delivering superior quality and precision for a quick return on your investment.

Extreme high and low **temperature tested** ✓
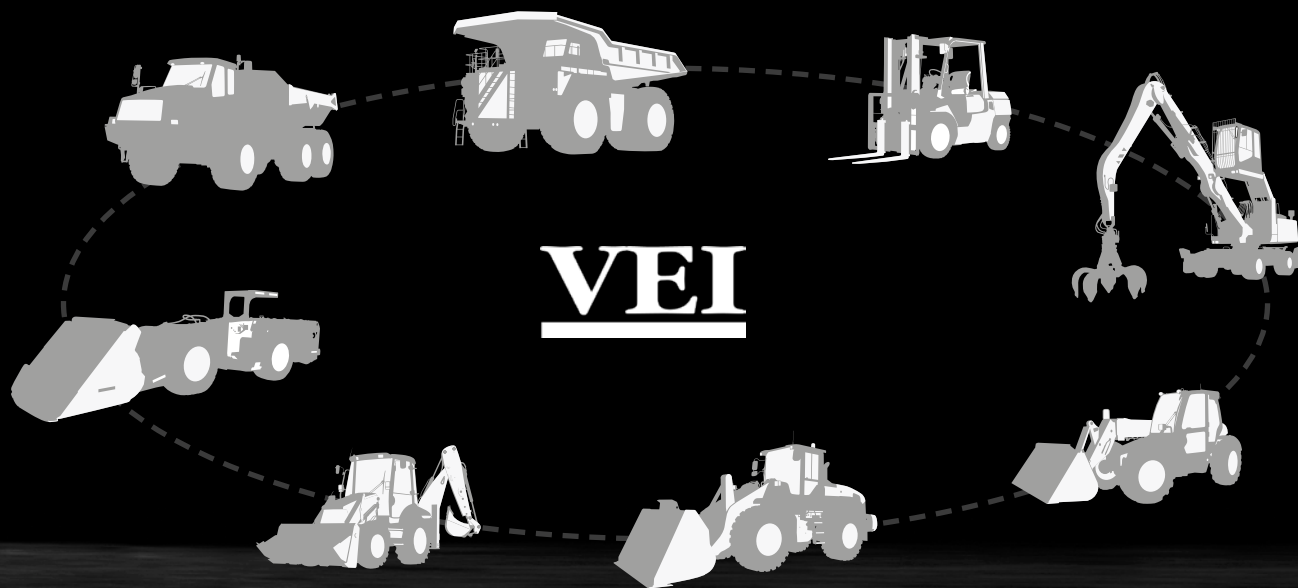
Dusty and salty environment tested ✓

Vibration and shock tested at **40G** ✓

All **cables** are **protected** to ensure durability

ISO 13766 earthmoving machinery

ISO 14982 agriculture and forest machinery

EN 61326 measuring devices

EN 50498 vehicle instrumentation

YOUR BRAND THAT LINKS ALL YOUR MACHINE PRODUCTION IN ONE PLACE!

VEI

ACCURACY AND SAFETY COMBINED TOGETHER IS YOUR ULTIMATE PRODUCTIVITY EFFICIENCY!

Also available from your VEI local dealer, ask about Orlaco Safety Solutions and TrackWeight Onboard Truck Scale.

ORLACO

Orlaco design and manufacture vision solutions that are extremely robust and shock- and vibration-resistant, which means they will work even in the harshest conditions. Orlaco's systems increase safety, improve ergonomics, create greater comfort for operators and ensure greater efficiency.

TRACK WEIGHT

TrackWeight design and develop state-of-the-art weighing technology for trucks and semi-trailers that has proven itself for more than 20 years. Designed and manufactured in Canada in the toughest conditions, TrackWeight products are the most advanced and reliable in the industry. They offer precise weighing per axle.

Your VEI local authorized dealer

VEI

VEI, Orlaco and TrackWeight are part of RMT's productivity solutions.
To learn more, visit **rmtequip.com**