



ON BOARD WEIGHING PAYLOAD MANAGEMENT

SINCE 1986

ADVANCED LEVEL



ADVANCED LEVEL on board weighing for production, handling and sales monitoring. SIMPLE TO USE, POWERFUL, ROBUST AND CERTIFIED IN LEGAL METROLOGY.

Connectivity to the CLOUD is its core, offering an extraordinary experience.

IRREDUCIBLE WITHOUT RIVALS

because in its small dimensions it contains everything you are looking for, inputs, outputs, printer, USB and CLOUD connectivity, a vast database to contain your load data and a super bright display.

In its simplicity of use it can be molded into your BUSINESS INDUSTRY such as quarry, mining, logistics, containers handling giving you the best experience in payload management and CLOUD communication.

If you are looking for an ADVANCED LEVEL product to weigh on board your loading machine, HELPERX will give you the best experience for your loadout and production handling.

EXTREME SIMPLIFICATION

for the minimization of its external components. Secure connections and protected for the heaviest environments have allowed to obtain international certifications of considerable prestige.

The mechanical keyboard with intuitive keys allows you to use it even with gloves and to edit contents easily. The display keys change accordingly to the operation you are carrying out, intuitively designed to make navigation smooth and convivial.



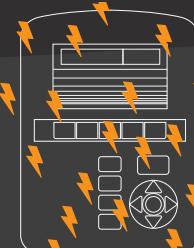
helperX

veigroup.com

ACCREDITATIONS BRING SUPERIOR QUALITY



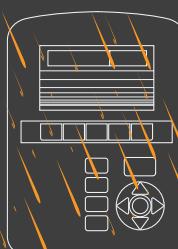
LEGAL METROLOGY



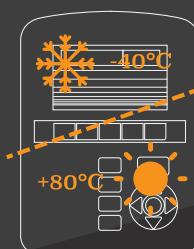
MACHINE DIRECTIVE



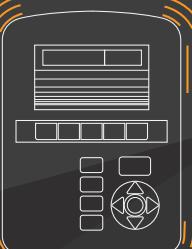
DUST



SALT HUMIDITY



TEMPERATURE



VIBRATIONS



FRIENDLY

in its language it follows your thoughts, your needs, your work, giving you exceptional results because it is created by users like you.



SIMPLE

in its conception. Modularly engineered to allow you to update it according to your work needs.



FAST

in its navigation it leaves no room for doubts because traced by those who know how to listen to deliver you a product that becomes your best ally.



POWERFUL

in the management of your loading and handling data it becomes an ideal helper you can no longer do without.

specifications

power supply	9-36Vdc
working temperature	-40÷+80°C
shocks	40G
device/sensors protection	IP54/IP67
size	150x204x68
display	HD color
maximum capacity (kg)	unlimited
measurment error - not application specific	0÷1%
legal for trade	yes
printer port	yes
modem port	yes
tilt switch	yes
remote keys	yes

ADVANCED LEVEL

data management

production monitoring

capacity 

recipes/blending management

large 

multi-tasking (simultaneous loads)
trucks - hopper - crusher - stockpile

large 

loadout full data management
customer - destination - truck ID - and more...

large 

job orders reception

yes 

cloud connection
ipotweb.com

yes 

loading file download (.csv)

yes 

navigation according to industry of use
quarry - mining - containers - logistics

yes 

data management files wireless reception

yes 

key features

auto - adding

yes 

tip off

yes 

calibration of more tools

10 

t/ton - kg/lb weight conversion

yes 

auto - power on

yes 

auto - shutdown

yes 

auto - standby

yes 

driver ID login

yes 

multi - language

yes 

free software update

yes 

DON'T SETTLE FOR LESS

WHY YOU NEED IT

- High precision and legal for trade
- Avoid overload fines by loading right in the first place reducing haulage cost by avoiding underload
- Swap scale from one loader to another for no downtime
- Reduce cycle times at the weighing bridge
- Track loading efficiency with USB data transfer at no extra cost or with wireless connection to the cloud
- End-to-end management of the payload process, with print out of the delivery dockets and data sent to billing system in real time
- Easy-to-use thanks to the intuitive commands and guided data entry user interface made possible by the VEI Innovative Operating System
- The production plant can be loaded then suspended temporarily to load trucks. The system can manage simultaneous loading tasks (multitasking)
- Sync the scale with job orders
- Worldwide factory trained support backup
- **3 YEARS WARRANTY**, best in the industry

**YOUR BUSINESS
MAKES THE CHOICE
OF WHAT BEST FIT YOUR OPERATION**

helperX

- OPTIMAL LOADING
- PRODUCTION MONITORING
- LARGE LOADOUT MANAGEMENT
- JOB ORDERS WIRELESS MANAGEMENT
- DATA MANAGEMENT WIRELESS UPLOAD

DRIVING DOWN LOADING UNCERTAINTY

The installation of accurate and easy to use Onboard Weighing Solutions and Payload Management enable fleet operators to control loads moved, driving down haulage costs and improving productivity.

INDUSTRY BENEFIT

IN EVERY INDUSTRY WHERE A LOAD IS MOVED, KNOWING THE WEIGHT IS OF PRIME IMPORTANCE BECAUSE IT IMPLIES THE ENERGY TO MOVE IT WHICH ESTABLISHES THE PROFITABILITY OF THE ACTION.

ENTRY LEVEL

5

ENTRY LEVEL onboard weighing for production monitoring and optimal loading. SIMPLE TO USE, ROBUST AND CERTIFIED IN LEGAL METROLOGY. Its ease of use makes it unmatched during handling and loading operations.

YOU CHOOSE IT WHEN YOU JUST SEE IT

because what you need you get it with an extremely simple and intuitive navigation interface. Its captivating display is perfectly visible even in strong light conditions, always displaying the information you need in a clear and simple way. If you are looking for an ENTRY LEVEL product to weigh on board your loading machine for production handling, MILLENNIUM5 meets your expectations.

EXTREME SIMPLIFICATION

for the minimization of its external components. Secure connections and protected for the heaviest environments have allowed to obtain international certifications of considerable prestige.

The mechanical keyboard with intuitive keys allows you to use it even with gloves and to edit contents easily. The display keys change according to the operation you are carrying out, intuitively designed to make navigation smooth and convivial.



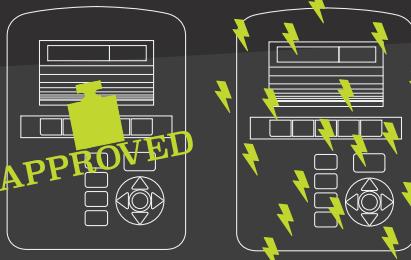
mILLENNIUM5

veigroup.com

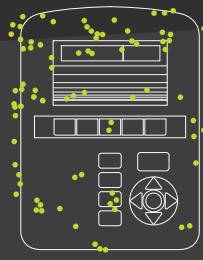
ACCREDITATIONS BRING SUPERIOR QUALITY



APPROVED



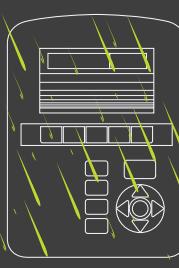
LEGAL METROLOGY



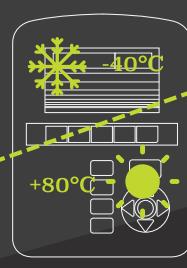
MACHINE DIRECTIVE



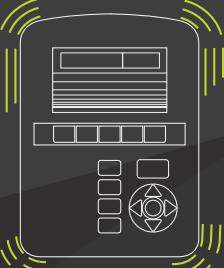
DUST



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TEMPERATURE



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specifications

power supply	9-36Vdc
working temperature	-40÷+80°C
shocks	40G
device/sensors protection	IP54/IP67
size	150x204x68
display	HD color
maximum capacity (kg)	unlimited
measurment error - not application specific	0÷1%
legal for trade	yes
printer port	yes
modem port	no
tilt switch	no
remote keys	no

data management

production monitoring

capacity **5**

small



recipes/blending management

very small

multi-tasking (simultaneous loads)
trucks - hopper - crusher - stockpile

small

loadout full data management
customer - destination - truck ID - and more...

no



job orders reception

no

cloud connection
ipotweb.com

yes



loading file download (.csv)

yes

navigation according to industry of use
quarry - mining - containers - logistics

no



data management files wireless reception

no

**key features**

auto - adding

yes



tip off

yes



calibration of more tools

5



t/ton - kg/lb weight conversion

yes



auto - power on

yes



auto - shutdown

yes



auto - standby

yes



driver ID login

yes



multi - language

yes



free software update

yes

**DON'T SETTLE FOR LESS****WHY YOU NEED IT**

- High precision and legal for trade
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- Swap scale from one loader to another for no downtime
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- Easy-to-use thanks to the intuitive commands and guided data entry user interface made possible by the VEI Innovative Operating System
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- Worldwide factory trained support backup
- **3 YEARS WARRANTY**, best in the industry

**YOUR BUSINESS
MAKES THE CHOICE
OF WHAT BEST FIT YOUR OPERATION****millennium5**

- OPTIMAL LOADING
- PRODUCTION MONITORING
- SMALL LOADOUT MANAGEMENT

DRIVING DOWN LOADING UNCERTAINTY

The installation of accurate and easy to use Onboard Weighing Solutions and Payload Management enable fleet operators to control loads moved, driving down haulage costs and improving productivity.

INDUSTRY BENEFIT

IN EVERY INDUSTRY WHERE A LOAD IS MOVED, KNOWING THE WEIGHT IS OF PRIME IMPORTANCE BECAUSE IT IMPLIES THE ENERGY TO MOVE IT WHICH ESTABLISHES THE PROFITABILITY OF THE ACTION.

LIMITED LEVEL



LIMITED LEVEL on board weighing for the safety of optimal loading.

SIMPLE TO USE, ROBUST AND ESSENTIAL.

Its simplicity of use and construction technology make it distinctive in those applications where just knowing the weight during product handling becomes important.

IT WILL INSPIRE YOU TO GO BEYOND

because from your limited needs in weighing, using it, you will experience its extremely simple navigation interface and you will understand where you can push yourself in the management of your loads being moved, wanting to update it with the most advanced product. Its captivating display is perfectly visible even in strong light conditions, always displaying the information you need in a clear and simple way. If you have a loading machine of limited dimensions and what you are interested in is only the weight of the load you are performing, HelperM meets your needs.

EXTREME SIMPLIFICATION

for the minimization of its external components. Secure connections and protected for the heaviest environments have allowed to obtain international certifications of considerable prestige.

The mechanical keyboard with intuitive keys allows you to use it even with gloves and to edit contents easily. The display keys change according to the operation you are carrying out, intuitively designed to make navigation smooth and convivial.



helper

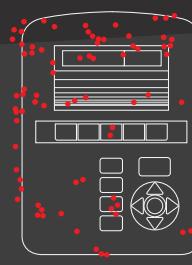
veigroup.com

ACCREDITATIONS BRING SUPERIOR QUALITY

NOT AVAILABLE

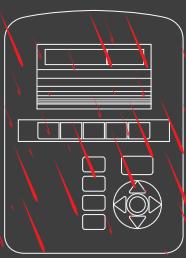


LEGAL METROLOGY

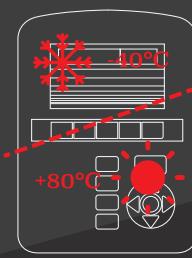


MACHINE DIRECTIVE

DUST



SALT HUMIDITY



TEMPERATURE



VIBRATIONS

FRIENDLY



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SIMPLE

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FAST

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specifications

power supply	9÷36Vdc
working temperature	-40÷+80°C
shocks	40G
device/sensors protection	IP54/IP67
size	150x204x68
display	HD color
maximum capacity (kg)	6000
measurment error - not application specific	0÷1%
legal for trade	no
printer port	yes
modem port	no
tilt switch	no
remote keys	no



LIMITED LEVEL

data management

	capacity	
production monitoring	very small	
recipes/blending management	very small	
multi-tasking (simultaneous loads) trucks - hopper - crusher - stockpile	very small	
loadout full data management customer - destination - truck ID - and more...	no	
job orders reception	no	
cloud connection ipotweb.com	yes	
loading file download (.csv)	yes	
navigation according to industry of use quarry - mining - containers - logistics	no	
data management files wireless reception	no	

key features

auto - adding	yes	
tip off	yes	
calibration of more tools	5	
t/ton - kg/lb weight conversion	yes	
auto - power on	yes	
auto - shutdown	yes	
auto - standby	yes	
driver ID login	yes	
multi - language	yes	
free software update	yes	

DON'T SETTLE FOR LESS WHY YOU NEED IT

- High precision
- Avoid overload fines by loading right in the first place reducing haulage cost by avoiding underload
- Swap scale from one loader to another for no downtime
- Reduce cycle times at the weighing bridge
- Track loading efficiency with USB data transfer at no extra cost
- Easy-to-use thanks to the intuitive commands and guided data entry user interface made possible by the VEI Innovative Operating System
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- Worldwide factory trained support backup
- **3 YEARS WARRANTY**, best in the industry

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helper M

- OPTIMAL LOADING
- PRODUCTION MONITORING

DRIVING DOWN LOADING UNCERTAINTY

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INDUSTRY BENEFIT

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EXCAVATOR WEIGHING ADVANCED LEVEL



ADVANCED LEVEL onboard weighing on EXCAVATOR for production, handling and sales monitoring. SIMPLE TO USE, POWERFUL, ROBUST AND INTUITIVE dynamically calculates the position of the arms, of the bucket and inclination of the excavator. Connectivity to the CLOUD is its core, offering unparalleled loads weight handling monitoring.

IF YOU TRY IT YOU CAN'T NO LONGER MAKE IT WITHOUT

because in its small dimensions it contains everything you are looking for, inputs, outputs, printer, USB and CLOUD connectivity, a vast database to contain your load data and a super bright display.

In excavation and mining operations it allows you to know the weight moved by the excavator in an extremely simple way allowing you to know the weight of the loads on the vehicles in places where it would not be possible otherwise to know it, thus preventing overloading.

If you are looking for an ADVANCED LEVEL product to weigh on board your excavator, HELPERXE will give you the best experience for your loadout, production, handling and CLOUD communication.

EXTREME SIMPLIFICATION

for the minimization of its external components with secure connections and protected for the heaviest environments. The mechanical keyboard with intuitive keys allows you to use it even with gloves and to edit contents easily. The display keys change according to the operation you are carrying out, intuitively designed to make navigation smooth and convivial.

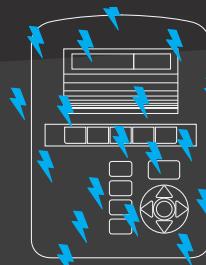


helper**XE**

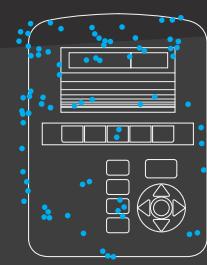
veigroup.com

ACCREDITATIONS BRING SUPERIOR QUALITY

NOT
AVAILABLE

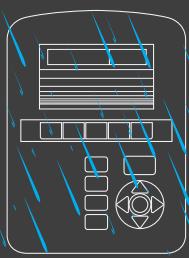


LEGAL METROLOGY

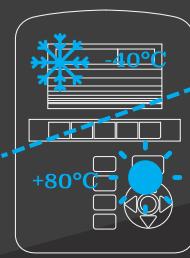


MACHINE DIRECTIVE

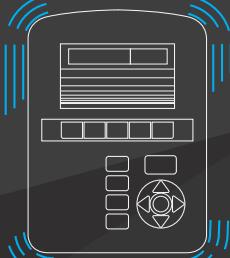
DUST



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specifications

power supply	9-36Vdc
working temperature	-40÷+80°C
shocks	40G
device/sensors protection	IP54/IP67
size	150x204x68
display	HD color
maximum capacity (kg)	unlimited
measurment error - not application specific	0÷2%
legal for trade	no
printer port	yes
modem port	yes
tilt switch	no
remote keys	yes



EXCAVATOR WEIGHING

ADVANCED LEVEL

data management

production monitoring

capacity **XE**
large

recipes/blending management

large



multi-tasking (simultaneous loads)
trucks - hopper - crusher - stockpile

large



loadout full data management
customer - destination - truck ID - and more...

large



job orders reception

yes



cloud connection
ipotweb.com

yes



loading file download (.csv)

yes



navigation according to industry of use
quarry - mining - containers - logistics

no



data management files wireless reception

yes



key features

auto - adding

yes



tip off

no



calibration of more tools

10



t/ton - kg/lb weight conversion

yes



auto - power on

yes



auto - shutdown

yes



auto - standby

yes



driver ID login

yes



multi - language

yes



free software update

yes



EASY INSTALL

The integrated Canbus allows an easy and simple connection of all the sensors reducing the wiring in their installation. The modular construction makes it possible to change the functionality assigned to the ports according to needs, thus extending the possibilities of use.

DON'T SETTLE FOR LESS

WHY YOU NEED IT

- Avoid overload fines by loading right in the first place reducing haulage cost by avoiding underload
- Reduce cycle times at the weighing bridge
- Track loading efficiency with USB data transfer at no extra cost or with wireless connection to the cloud
- End-to-end management of the payload process, with print out of the delivery dockets and data sent to billing system in real time
- Easy-to-use thanks to the intuitive commands and guided data entry user interface made possible by the VEI Innovative Operating System
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helper XE

- OPTIMAL LOADING
- PRODUCTION MONITORING
- LARGE LOADOUT MANAGEMENT
- JOB ORDERS WIRELESS MANAGEMENT
- DATA MANAGEMENT WIRELESS UPLOAD

DRIVING DOWN LOADING UNCERTAINTY

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INDUSTRY BENEFIT

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PRINTING

SMALL AND ERGONOMIC the on board printer is created for its integration under the instrumentation for an efficient ergonomics and handy use. Printing takes place on a thermal paper roll efficient at low temperatures and resistant over time according to regulations.



vprint

DELIVERY DOCKETS
YOUR LOADOUT DATA PRINTED ONBOARD

PRODUCTION REPORTS
CHECK THE PRODUCTS MOVED FOR A
BETTER ANALYSIS

DEVICE CONFIGURATION
PRINT CONFIGURATION AND CALIBRATION
FOR DIAGNOSTIC PURPOSES

printout formats

	production by product grand total - from date to date
	loadout docket customer - truck - destination - carrier - ...
	loadout by customer
	loadout report - total by product and truck - customer
	daily truck load on dumpers total - # of trips
	device configuration

DATA MANAGEMENT

DATA MANAGEMENT IS AN INTEGRAL PART OF YOUR SMART SITE

To do this you need an evolved partner who can offer you not only a PRODUCT but your SOLUTION.

We have a long experience at your side to know how to analyze your needs and propose simplification in the result you are looking for



INTEGRATION INTO THE DEVICE BEST COMPACTNESS

thermal high speed printing, fitted under the Device to produce a single, integrated unit or installed as a separate unit.

VERY ROBUST, PROVEN BY
THOUSANDS INSTALLED

specifications

power supply	8÷42Vdc
working temperature	-20÷+70°C
printing speed	30mm/s
paper roll size (width x diameter)	57x50mm
paper type	thermal
printer size (width x depth x height)	150x128x76
# of copies	unlimited
average # of dockets on a paper roll printing the complete loadout info	180

X S M XE

	yes	yes	yes	yes	
	yes	no	no	yes	
	yes	yes	no	yes	
	yes	no	no	yes	
	no	yes	no	no	
	yes	yes	yes	yes	

DATA MANAGEMENT

PRINTING

SLIP PRINTER

THE SLIP PRINTER GENERATES 3 COPIES
of delivery docket in a pre-printed header carbon copy
paper.

specifications

power supply	24Vdc ±10%
working temperature	+5÷+40°C
print speed	2mm/s
print width	80mm
print length	not limited
print start (from top)	40mm
paper width (typical)	105mm
paper type (3 layers)	normal pressure sensitive carbon copy
printing mode	needle dot matrix
printer size (width x depth x height)	180x191x102



SLIP PRINTER LOGO PRINTED DOCKET

upper and lower color logo
can be pre-printed on the docket
for the company high visual impact.



WHEN A SIGNATURE MAKES THE DIFFERENCE

SLIP PRINTER for those needs of signature on a multiple
copy docket.

COMPANY VISUAL IMPACT PRINT COLORED LOGOS

When you want an high impact delivery docket SLIP
PRINTER is your choice.

printout formats

	production by product (vprint format) grand total - from date to date
	loadout docket (slip printer format) customer - truck - destination - carrier - ...
	loadout by customer (vprint format)
	loadout report - total by (vprint format) product and truck - customer
	daily truck load on dumpers (vprint format) total - # of trips
	device configuration (vprint format)

	X	yes		yes		no		yes
	yes	no		no		yes		yes
	yes	yes		no		yes		yes
	yes	no		no		yes		yes
	no	yes		no		no		no
	yes	yes		no		yes		yes

CONNECTIVITY

Whether you use the USB or wireless data transfer, the payloads information ends up in a single database from where it can be exported to a billing software. With ipotweb, you can generate different types of reports, tracking down in real time your inventory, sales analysis and machine productivity. With ipotweb.com production and sales are linked to billing, cutting administration filing time drastically.

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ipotweb.com
Cloud

ipot web

SALES REPORT
SEE YOUR LOADOUT VOLUME
BY CUSTOMER

ipotweb features



PDF loading reports



excel loading reports sent by email



machine production management



load orders input
downloaded into your machine



management of different loading sites



recipe and blending management



FTP data forwarding



HTTP data forwarding - receiving

PAYOUT MONITORING YOUR REMOTE TOOL BRINGS BUSINESS EFFICIENCY

monitoring your loading sites wherever you are on your tablet, smart phone or computer.

YOU ASKED FOR A CLOUD, WE HAVE CREATED
IPOTWEB.COM

ipotweb.com
Cloud



PRODUCTION REPORTS
CHECK THE PRODUCTS MOVED FOR A
BETTER ANALYSIS

JOB ORDERS
FROM THE CLOUD TO YOUR MACHINE
BRINGS QUALITY OF WORK

DATA MANAGEMENT

THE SYNCHRONIZATION OF YOUR SMART SITE

the movements performed by your machine is offered to you through the TRACKWEIGHT for cellular connection or VORTEX Wifi for direct connection to your internal network or the RFLINK for a radio link to sites without coverage. Your weighing data will come to you in the most convivial and simple way by IPOTWEB CLOUD, allowing you to know in every moment what is the extraction and sale trend of your sites.

SYNCHRONIZATION sets the basis for your SMART SITE.



vortex

CONNECTS YOUR MACHINE TO THE SITE WIFI NETWORK

IPOTWEB.COM YOUR SITE MIRROR

because with your connected machines IPOTWEB.COM collects the loading site products movement and post them to you for analysis and decision making.



ipotap

IMMEDIATE FILTERED DATA FOR CLARITY OF ACTION

Load 'n sign

TRUCK DRIVER RECEIVES THE PDF
LOADING DOCKET TO SIGN.
IPOTWEB THINKS WHERE TO STORE IT



SYNCHRONIZATION

TRACKWEIGHT CELLULAR MODEM

with worldwide SIM brings unparalleled performances over networks, switching among them to find the best transmission rate.



TRACKWEIGHT
FH30

YOUR MACHINE CONNECTED TO THE CLOUD
AND PROTECTED IN A VIRTUAL FENCE
WHEREVER IT IS



rflink

FOR SITES WITHOUT WIFI AND CELLULAR COVERAGE



USB

NO WIRELESS AVAILABLE? UPLOAD LOADING DATA INTO
IPOTWEB CLOUD WITH A USB KEY OR OPEN THE READY
FILE THE DEVICE STORES IN IT

APPLICATIONS

X5



X5



X5m



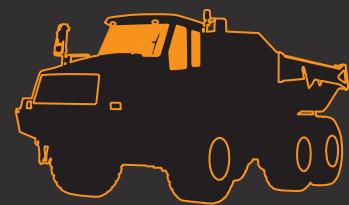
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APPLICATIONS

WHERE OUR EXPERIENCE HAVE GAINED SUPERIOR QUALITY

Our products can be installed on a variety of machineries throughout diverse industries. In each one of them our products deliver superior accuracy for a better optimization of your loadouts, production processes, sales analysis, inventory updates, trucks load optimization, loading machines productivity.

APPLICATIONS

OUR PRODUCTS ARE DURABLE AND DESIGNED TO LAST

Our products are installed by trained personnel assuring a perfect fit into your machineries or easily done by your personnel because they are simple and straight forward to install; VEI local support is always available to help you out in case of need. Each product can be easily transferred from one machine to an other of the same kind, they are durable and DESIGNED TO LAST.

APPLICATIONS

X5



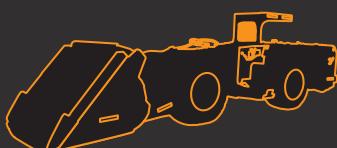
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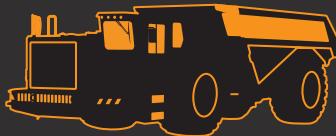
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X5



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