Don't Settle For Less

DRIVING DOWN LOADING UNCERTAINTY

The installation of accurate and easy-to-use on-board weighing solutions and payload management enable fleet operators to control loads moved, driving down haulage costs and improving productivity.

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 a wireless connection to the cloud.
- 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).
- Worldwide factory-trained support backup.
- **3-Year warranty**, best in the industry

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.
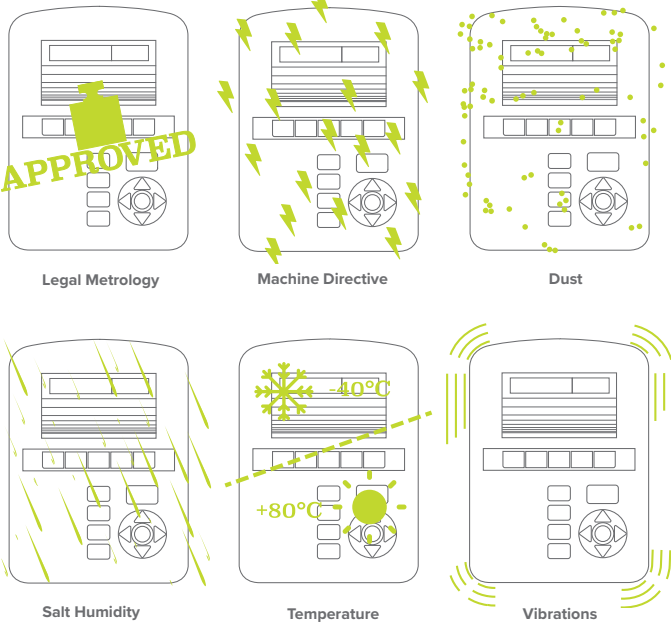
millennium5

Entry-level on-board 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.
- Optimal Loading
- Production Monitoring
- Small Loadout Management

helperM

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.
- Optimal Loading
- Production Monitoring

helperXE

Advanced-level on-board weighing with CANbus technology for production, handling, and sales monitoring. Simple to use, powerful, robust, and intuitive. Dynamically calculates the position of the arms, the tool or container, and the inclination of the machine. Connectivity to the cloud is at its core, offering unparalleled load-weight-handling monitoring.
- Optimal Loading
- Production Monitoring
- Large Loadout Management
- Job Orders Wireless Management
- Data Management Wireless Upload

helperX

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 at its core, offering an extraordinary experience.
- Optimal Loading
- Production Monitoring

OUR PRODUCTS ARE DURABLE AND DESIGNED TO LAST

Our products are installed by trained personnel, ensuring a perfect fit into your machines, 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 another of the same kind, they are durable and DESIGNED TO LAST.

YOUR BUSINESS MAKES THE CHOICE OF WHAT BEST FITS YOUR OPERATION.

MILLENNIUM5

- High precision and legal for trade
- Swap scale form one loader to an other for no downtime

Legal Metrology **Machine Directive** **Dust**

Salt Humidity **Temperature** **Vibrations**

-40°C
+80°C

Friendly
In its language, it follows your thoughts, your needs, and your work, giving you exceptional results because it was created by users like you.

Simple
In its conception, it is modularly engineered to allow you to update it according to your work needs.

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

YOU CHOOSE IT WHEN YOU JUST SEE IT

Because you get what you need 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 minimisation of its external components. Secure connections and protection for the heaviest environments have allowed us 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 and intuitively designed to make navigation smooth and convivial.
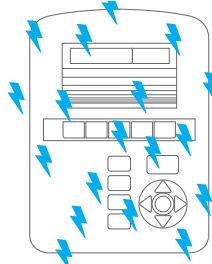
SPECIFICATIONS

Power Supply	9 - 36 Vdc
Working Temperature	-40 ~ + 80 °C
Shocks	40 G
Device/Sensors Protection	IP54/IP67
Size	150 x 204 x 68
Display	HD colour
Maximum Capacity (kg)	Unlimited
Measurement Error - Not Application Specific	0÷1%
Legal for Trade	Yes
Printer Port	Yes

DATA MANAGEMENT

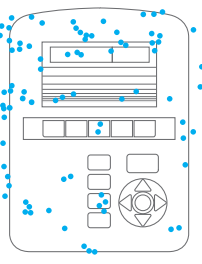| DATA MANAGEMENT	CAPACITY	
Production Monitoring	Small	
Recipes/Blending Management	Very Small	
Multi-Tasking (Simultaneous Loads) Trucks - Hopper - Crusher - Stockpile	Small	
Loadout Full Data Management Customer - Destination - Truck ID - and more...	No	
Job Orders Reception	No	
Cloud Connection Ipotweb.com	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

KEY FEATURES	CAPACITY	
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	

TRYSOME
AUTO-ELECTRICAL ENGINEERING
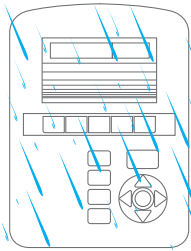
helperXE

NOT AVAILABLE

Legal Metrology

Machine Directive

Dust

-40°C

+80°C
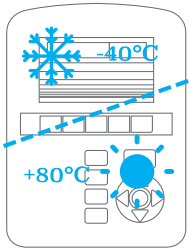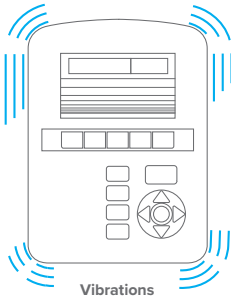
Salt Humidity

Temperature

Vibrations

Friendly
In its language, it follows your thoughts, your needs, and your work, giving you exceptional results because it was created by users like you.

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

Simple
In its conception, it is modularly engineered to allow you to update it according to your work needs.

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

IF YOU TRY IT, YOU CAN'T DO WITHOUT IT.

Because of its small dimensions, it contains everything you are looking for: inputs, outputs, a 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...

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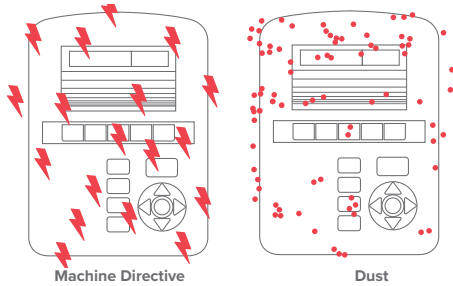
SPECIFICATIONS

Power Supply	9 - 36 Vdc
Working Temperature	-40 ~ + 80 °C
Shocks	40 G
Device/Sensors Protection	IP54/IP67
Size	150 x 204 x 68
Display	HD colour
Maximum Capacity (kg)	Unlimited
Measurement Error - Not Application Specific	0÷2%
Legal for Trade	No
Printer Port	Yes
Modem Port	Yes
Tilt Switch	No
Remote Keys	Yes

DATA MANAGEMENT

DATA MANAGEMENT	CAPACITY	
Production Monitoring	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

KEY FEATURES	CAPACITY	
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	

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T R Y S O M E

TRYSOME
AUTO-ELECTRICAL ENGINEERING

helper M

SPECIFICATIONS

Power Supply	9 - 36 Vdc
Working Temperature	-40 ~ +80 °C
Shocks	40 G
Device/Sensors Protection	IP54/IP67
Size	150 x 204 x 68
Display	HD colour
Maximum Capacity (kg)	6 000
Measurement Error - Not Application Specific	0÷1%
Legal for Trade	No
Printer Port	Yes
Modem Port	No
Tilt Switch	No
Remote Keys	No

NOT AVAILABLE

Legal Metrology   **Machine Directive**   **Dust**

Salt Humidity   **Temperature**   -40°C +80°C   **Vibrations**

Friendly
In its language, it follows your thoughts, your needs, and your work, giving you exceptional results because it was created by users like you.

Simple
In its conception, it is modularly engineered to allow you to update it according to your work needs.

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

IT WILL INSPIRE YOU TO GO BEYOND

Because of your limited needs in weighing, 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 minimisation of its external components. Secure connections and protection for the heaviest environments allows us 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 and are intuitively designed to make navigation smooth and convivial.

DATA MANAGEMENT — CAPACITY

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 — CAPACITY

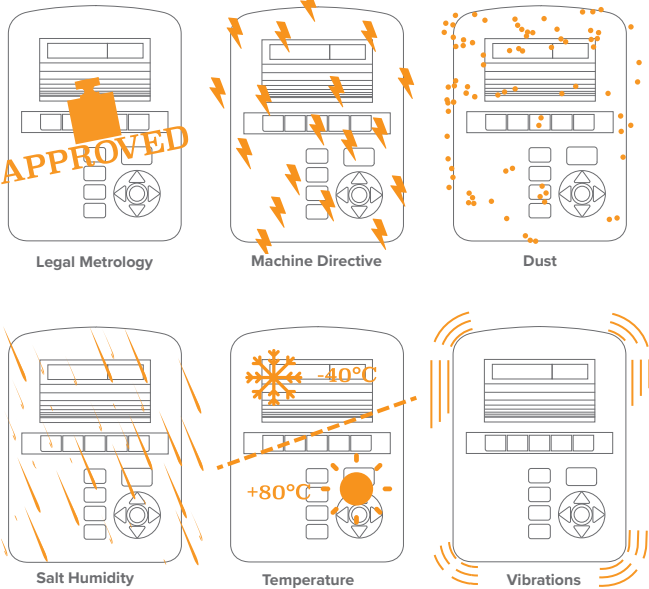| KEY FEATURES	CAPACITY
Auto-Adding	Yes
Tip Off	Yes
Calibration of More Tools	5
T/Ton-Kg/lb Weight Conversion	Yes
Auto-Power On	Yes
Auto-Shutdown	Yes
Auto-Standby	Yes
Driver ID Login	Yes
Multi-Language	Yes
Free Software Update	Yes

TRYSOME
AUTO-ELECTRICAL ENGINEERING

- Swap scale from one loader to another for no downtime
- End-to-end managment of the payload process, with printout of the delivery dockets and data sent to the billing system in real time
- Sync the scale with job orders

Legal Metrology
APPROVED

Machine Directive

Dust

Salt Humidity

Temperature
-40°C
+80°C

Vibrations

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

IRREDUCIBLE WITHOUT RIVALS

Because in its small dimensions it contains everything you are looking for: inputs, outputs, a 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 moulded into your BUSINESS INDUSTRY, such as quarry, mining, logistics, and 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

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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 and are intuitively designed to make navigation smooth and convivial.

SPECIFICATIONS

Power Supply	9 - 36 Vdc
Working Temperature	-40 ~ +80 °C
Shocks	40 G
Device/Sensors Protection	IP54/IP67
Size	150 x 204 x 68
Display	HD colour
Maximum Capacity (kg)	Unlimited
Measurement Error - Not Application Specific	0÷1%
Legal for Trade	Yes
Printer Port	Yes
Modem Port	Yes
Tilt Switch	Yes
Remote Keys	Yes

DATA MANAGEMENT

DATA MANAGEMENT	CAPACITY
Production Monitoring	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	Yes
Data Management Files Wireless Reception	Yes

KEY FEATURES

KEY FEATURES	CAPACITY
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

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TRYSOME

TRYSOME
AUTO-ELECTRICAL ENGINEERING

PRINTING

vprint

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

- **Delivery Dockets:** your loadout data printed on board
- **Production Reports:** check the products moved for a better analysis
- **Device Configuration:** print configuration and calibration for diagnostic purposes

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 also a SOLUTION. We have a lot of experience at your side and know how to analyse your needs and propose simplifications for 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 - 42 Vdc
Working Temperature	-20 ~ +70 °C
Printing Speed	30 mm/s
Paper Roll Size (Width x Diameter)	57 x 50 mm
Paper Type	Thermal
Printer Size (Width x Depth x Height)	150 x 128 x 76
Number of Copies	Unlimited
Average Number of Dockets on a Paper Roll Printing the Complete Loadout Info	180

PRINTOUT FORMATS	X	5	M	XE	
Production by Product Grand Total - From Date to Date	Yes	Yes	Yes	Yes	
Loadout Docket Customer - Truck - Destination - Carrier	Yes	No	No	Yes	
Loadout by Customer	Yes	Yes	No	Yes	
Loadout Report - Total by Product and Truck - Customer	Yes	No	No	Yes	
Daily Truck Load on Dumpers Total - Number of Trips	No	Yes	No	No	
Device Configuration	Yes	Yes	Yes	Yes	

SLIP PRINTER

The slip printer generates 3 copies of delivery dockets in a pre-printed header carbon copy paper.

WHEN A SIGNATURE MAKES THE DIFFERENCE

SLIP PRINTER for those who need signatures on a multiple-copy docket.

COMPANY VISUAL IMPACT PRINT COLOURED LOGOS

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

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

SPECIFICATIONS	
Power Supply	24 Vdc ±10%
Working Temperature	+5 ~ +40 °C
Printing Speed	2 mm/s
Print Width	80 mm
Print Length	Not limited
Print Start (From Top)	40 mm
Paper Width (Typical)	105 mm
Paper Type (3 Layers)	Normal pressure-sensitive carbon
Printing Mode	Needle dot matrix
Printer Size (Width x Depth x Height)	180 x 191 x 102

PRINTOUT FORMATS	X	5	M	XE	
Production by Product (vprint Format) Grand Total - From Date to Date	Yes	Yes	No	Yes	
Loadout Docket (Slip Printer Format) Customer - Truck - Destination - Carrier	Yes	No	No	Yes	
Loadout by Customer (vprint Format)	Yes	Yes	No	Yes	
Loadout Report - Total by (vprint Format) Product and Truck - Customer	Yes	No	No	Yes	
Daily Truck Load on Dumpers (vprint Format) Total - Number of Trips	No	Yes	No	No	
Device Configuration (vprint Format)	Yes	Yes	No	Yes	

TRYSOME
AUTO-ELECTRICAL ENGINEERING

ipotweb

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.

ipotweb.com Cloud

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 analyse your needs and propose simplification in the result you are looking for

YOUR SITE MIRROR

Because with your connected machines ipotweb.com collects the loading site products movement and posts them to you for analysis and decision making.

PAYLOAD MONITORING YOUR REMOTE TOOL BRINGS BUSINESS EFFICIENCY

Monitoring your loading sites whether you are on your tablet, smart phone or computer. You asked for a cloud, we have created **ipotweb.com**
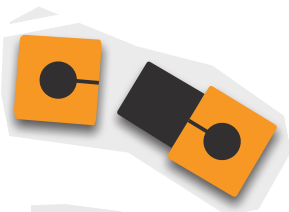
- Sales reports - see your loadout volume by customer
- Production reports - check the products moved for a better analysis
- Job orders - from the cloud to your machine brings quality of work

IPOTWEB FEATURES	
PDF Loading Reports	Management of Different Loading Sites
Excel Loading Reports Sent by Email	Recipe and Blending Management
Machine Production Management	FTP Data Forwarding
Load Orders Input Downloaded into your Machine	HTTP Data Forwarding - Receiving

THE SYNCHRONISATION OF YOUR SMART SITE

The movements performed by your machine are offered to you through the TRACKWEIGHT for cellular connection or VORTEX Wi-Fi 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. SYNCHRONISATION sets the basis for your SMART SITE.

VORTEX
Connects your machine to the site Wi-Fi network

TRACKWEIGHT FX30
Your machine is connected to the cloud and protected in a virtual fence wherever it is

TRACKWEIGHT CELLULAR MODEM

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

USB
No wireless available? Upload loading data into ipotweb cloud with a usb key or open the ready file the device stores in it

load 'n sign
Truck driver receives the pdf loading docket to sign. Ipotweb thinks where to store it

rflink
For sites without Wi-Fi and cellular coverage
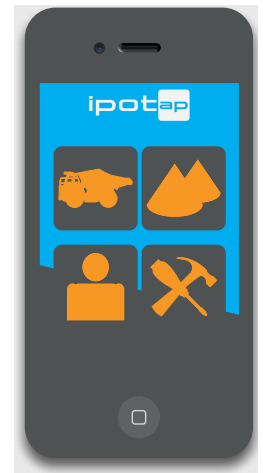
ipotap
Immediate filtered data for clarity of action

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T R Y S O M E
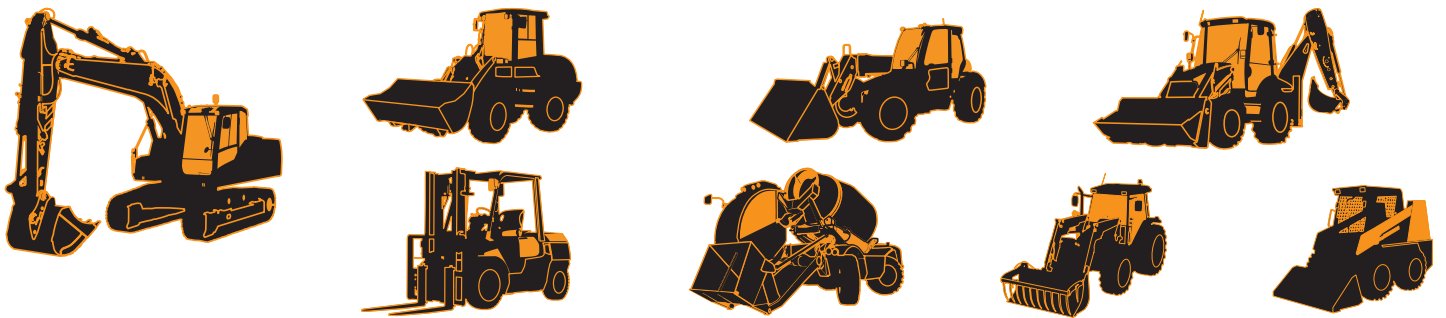
TRYSOME
AUTO-ELECTRICAL ENGINEERING

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

millennium5
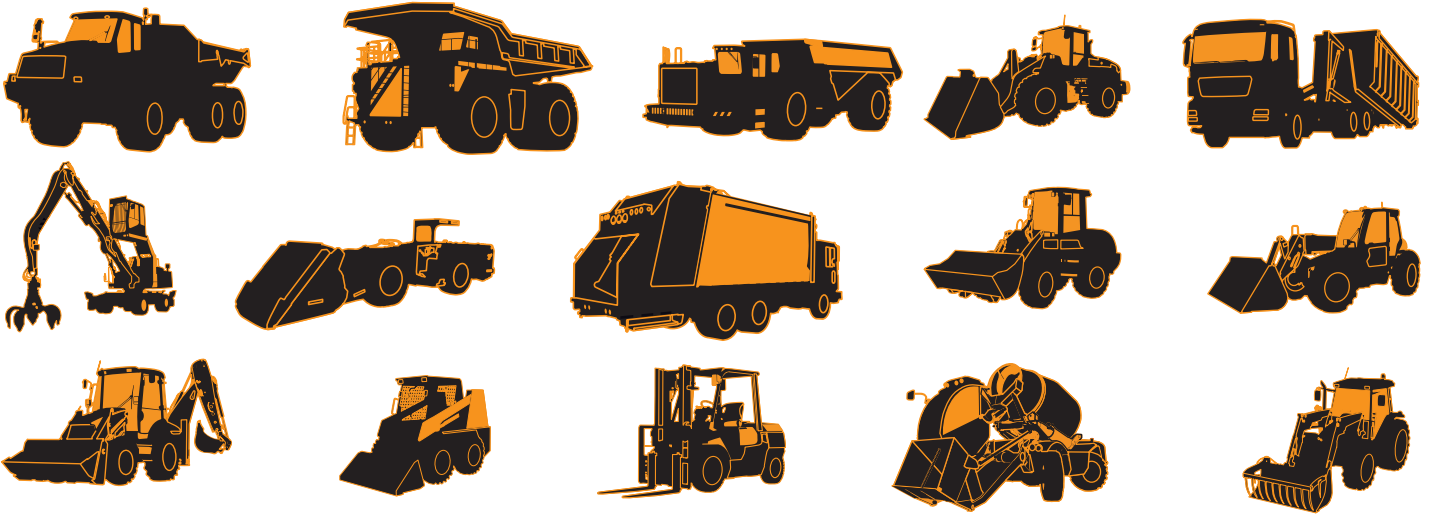
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Delivering Optimal **Uptime!**

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