VEI

Products catalogue

On board weighing solutions
Veil products

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The helper21 is the most powerful loader scale, incorporating a touchscreen display and new technologies that enable you to manage more data faster than ever. With the helper21 the office is now connected to your wheel loaders!

Much more than just a weighing system
The helper21 is not only a weighing system but a complete Payload Management combined with a modern and user friendly interface which makes it the state of the art within the industry and the most advanced technology out there.

Why should you install Helper 21?
- Data Processing power
- Full Payload management includes customer, carrier and destination sites address
- Easy of Use PC type softkey icons
- Touchscreen technology allows full interaction
- Driver’s ID, scale locking system
- Database search engine
- Minimum number of components no junction boxes
- High Printout speed
- Wireless communication
- Multi-task loading
Features
• In-motion weighing
• Real time bucket tip off
• Fast data processing
• Blending programme
• Vehicle plate number and individual axle weight loading
• Large display
• Touchscreen with intuitive icons for complete interaction
• Data search engine
• Multi-task loading
• USB data transfer
• ipot Payload management software
• Comprehensive truck ticket printing
• High-speed roll printer for reports
• Driver’s ID, scale locking system
• Wireless docket printout
• Wireless data communication

Stay up to date, go wireless

21RFlink radio frequency wireless transmission
21GSMlink cellular modem wireless transmission
eprint (option)
eprint supplies delivery dockets and production results. It can be fitted under the helper 21 to make one integrated unit or installed apart.

Printed information includes:
• Company name with address
• Customer name with address
• Product notes
• Weighing data
• All data selected during weighing
• Signature area
• Multiple logos, header and footer

ikey (option)
Pocket USB memory stick for data transfer. An easy option in your pocket keeps your business always up to date.

ipot (option)
Software for analysis of payload data. Whether using the USB ikey or wireless communication, all data are stored in one master database. From ipot, data can be exported to the invoicing software and different reports can be obtained out of it. With ipot an automatic printout can be launched on an office laser printer directly from your loader.

Wireless printout (option)
No more printouts delivered in the loader’s cab; the helper 21 with its wireless communication can produce the printout in your nearby office, therefore the truck driver finds the delivery docket right at the exit of the site.
helper7 makes of integration a full hit. One unit includes printer and ikey data memory reader. helper7, the all-in-one concept brings integration to your loader and brightness of use.

Still the most compact
The helper7 unit includes printer and USB reader for transferring loading data to a memory stick. No junction boxes are added making the helper7 very compact and tough against environmental conditions.

**Integration makes sense**

**Features**
- In-motion weighing
- Real time bucket tip off
- Customers listing
- Target weighing
- Products listing
- Products productions recording
- Blending
- Load ID
- iPot Lite payload management software
- Wireless communication
- Handling of 4 calibrations for 4 loaders equipped with sensors
Printer (option)
Thermal high speed printing, indestructible when compared to the needle printer.

Printouts:
Truck load - Grand Total - Loading report

Printed information includes:
Company name, Customer name, Product name, Load ID, Ticket no., Date-time, Weight, Volume.

Easy Data Transfer (option)
The ikey memory stick allows to store loading data on it and then upload them into the ipot Lite PC software. An easy option in your pocket keeps your business always up to date.

Software that cuts your time waste (option)
Ipot Lite is a software of payload management made simple and easy to use with export possibilities to your invoicing software.
Ipot Lite integrates data coming from other products like Millennium and helper mini.

Lighted keypad
The lighted keypad makes night operations easier.
It is easy to understand and gives direct access to the operating functions.

Wireless communication (option)
Helper7 can be linked to your office keeping you in real time up to date about the loading processes that are happening in the job site.
Millennium is a standard solution for initial recording of truck and bucket load transaction weights. The most simple and cost-effective solution combined with VEI weighing technology makes it the ideal tool for primary weighing requirements. An unrivalled start with hi-tech instrumentation providing a fully-updated situation whenever you want.

Sturdy and with all the essentials Millennium is designed to offer weight control during loading in order to prevent overloads and receive basic loading information. Established in the most distinguished quarries and sand pits, Millennium is the example of strength and essential features. Its large control buttons immediately catch the eye being uncomplicated and particularly user-friendly.

The plug & play connection with the printer makes it an even more attractive proposition in the simplest type of loading transactions where a weight ticket has to be issued. Despite its simplicity, Millennium has a data logger unit that can download all daily weighing transactions to your desktop.
Printer (option)
Thermal high speed printing, indestructible when compared to the needle printer.

Printouts: Truck load – Grand Total
Printed information includes:
Company name, Product name, Load ID, Ticket no., date-time, Weight.

Easy data transfer (option)
The DLogger memory stick allows to store loading data on it and then upload them into the ipot Lite PC software. An easy option in your pocket keeps your business always up to date.

Software that cuts your time waste (option)
Ipot Lite is a software of payload management made simple and easy to use with export possibilities to your invoicing software.
Ipot Lite integrates data coming from other products like helper7 and helper mini.

Wireless communication (option)
Millennium can be linked to your office, keeping you in real time up to date about the loading processes that are happening in the job site.
helper mini is the ideal solution for compact loaders and skid-steers.
The most simple and cost-effective solution combined with VEI weighing technology makes it the ideal tool for primary weighing requirements. An unrivalled start with hi-tech instrumentation providing a fully-updated situation whenever you want.

One size fits all
helper mini is designed to offer weight control during loading in order to prevent overloads and receive basic loading information. It is the ideal working tool for material depot and construction companies.

With its small size helper mini can be fitted in the most convenient spot in the cab allowing full visibility especially on skid-steers and its easiness of use makes it user friendly in all the applications.

The plug & play connection with the printer makes it an even more attractive proposition in the simplest type of loading transactions where a weight ticket has to be issued.

Despite its simplicity, helper mini has a data logger unit that can download all daily weighing transactions to your desktop.

**Features**
- In-motion weighing
- Real time bucket tip off
- Products listing
- Products production recording
- Load IDs listing
- Targets listing
- Blending
- 4.40ton maximum capacity
- Ipot Lite payload management software

**High speed thermal printer**

**Ticket sample**
DLogger
memory stick and USB Reader

ipot Lite
payload management software

**Printer** (option)
Thermal high speed printing, indestructible when compared to the needle printer.

**Printouts:**
Truck load – Grand Total - Blend

**Printed information includes:**
Company name, Product name, Load ID, Ticket no., date-time, Weight.

**Easy data transfer** (option)
The DLogger memory stick allows to store loading data on it and then upload them into the ipot Lite PC software. An easy option in your pocket keeps your business always up to date.

**Software that cuts your time waste** (option)
*ipot Lite* is a software of payload management made simple and easy to use with export possibilities to your invoicing software.

*ipot Lite* integrates data coming from other products like helper7 and Millennium.
The **Dumper Load** payload monitoring system for off-highway rigid dump trucks was developed directly on open cast sites in order to perfect the instrument’s inherent operating and automation characteristics. Integration of the instrument into dumper work cycles makes the productivity monitoring much easier and precise.

**Lower maintenance costs**

Versatile and fully automatic, it ensures that the dumper is used in compliance with its design standards. Preventing overload means lower maintenance costs and tyre wear, important considerations when managing a dumper fleet. The instrument is also capable of remote transmission of load status in order to optimise the distribution of the fleet within a mine. Proper distribution of the fleet cuts down on unproductive waiting times and assists decision-making with regard to its replacement. It is clearly an indispensable tool that ensures reliable data and no question marks.

**Features**

- Programmable maximum load
- Axle weight monitoring
- Loading machine payload monitoring
- Loading indicator lights
- Loading/unloading cycle management
- Fully automatic without the need for human intervention
- Dlogger port for pocket size data memory, or real-time wireless data transmission

**External loading indicator lights**, one each side (option)

**DLogger** data transfer kit (option)

**High speed thermal printer** (option)
applications

wheel loader

Applicable on:

1. On-board instrumentation
2. Contactless weighing zone sensor for weight reading
3. Load sensor to read the pressure of the lifting arm

compact wheel loader

backhoe loader

skid steer loader

1. On-board instrumentation
2. Contactless weighing zone sensor for weight reading
3. Load sensor to read the pressure of the lifting arm
On-board instrumentation

Load sensors to read the pressure of the body lifting cylinders

Contactless weighing zone sensor for weight reading

Rear load sensors

Hydraulic excavator

On-board instrumentation

Boom sensor

Stick sensor

Track sensor

Load sensors to read the pressure of the lifting arm

LHD load-haul-dump

On-board instrumentation

Contactless weighing zone sensor for weight reading

Load sensor to read the pressure of the lifting arm

Articulated dump truck

On-board instrumentation

Load sensors to read the pressure of the body lifting cylinders

Contactless weighing zone sensor for weight reading

Rear load sensors

Off-highway rigid dump truck

On-board instrumentation

Dumper Load Link inputs device

Loading indicator lights, one set each side

Load sensors, one each suspension
This paper is coming from environmentally sustainable processes and without the use of toxic substances. This planet is the only one we have. Let's help it to support itself.