SKIDWEIGH PLUS

ED3 AND ED4 LIFT TRUCK SCALES
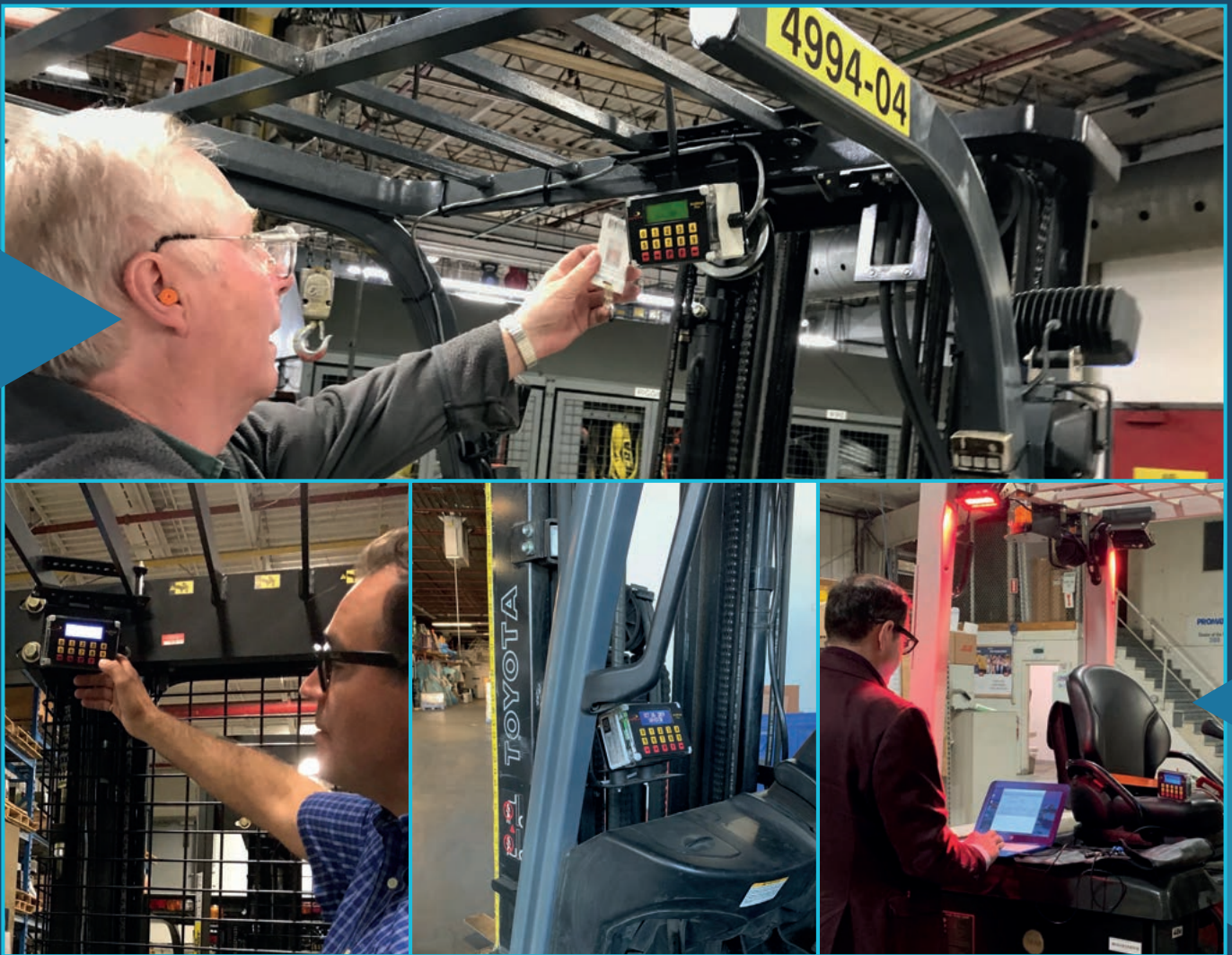
Integrated Productivity and Safety Options with Enhanced Data Platforms.

IVDT
INTEGRATED VISUAL DATA TECHNOLOGY INC.
Solutions that lift your business

ONBOARD SCALES THAT INTEGRATE AND ENHANCE PRODUCTIVITY, WORKFLOW AND SAFETY

All businesses that utilize lift trucks to move products rely on or require information to drive business efficiency and safety compliance. Introducing an onboard weighing system eliminates additional steps in an already busy process and delivers data to the operator immediately. Regardless of the application and or business, improving weighing productivity will increase revenue and improve safety within the operation.

Engineered with the end user in mind the SkidWeigh Plus ED series lift truck scale is the simplest most efficient scale on the market, accurate to +/-1% of lifting capacity, and capable of withstanding the harshest of environments. The SkidWeigh Plus can easily be installed in the hydraulic lift circuit of any material handling equipment regardless of voltage and does not alter the capacity plate. Once installed the system can be calibrated and configured by anyone in minutes.

SKIDWEIGH PLUS: THE ADVANCEMENT OF ONBOARD CHECK WEIGHING

Over the last 30 years SkidWeigh systems have led and defined the onboard check weighing industry. As a design innovator IVDT has built off the industry leading ED series check weighing platform and created a comprehensive digital onboard scale that is able to integrate several critical operational processes that are inherent in all material handling businesses. More than just a lift truck scale the SkidWeigh Plus ED series utilizes a powerful microprocessor technology that allows for extensive programing versatility. This digital platform advancement allows the SkidWeigh Plus ED series to offer a wide range of productivity processes, safety compliance features and enhanced data options.

SKIDWEIGH
PLUS ED3

Real Time Data that Drives Business

The SkidWeigh Plus ED3 is the industry's most comprehensive onboard lift truck scale that combines a complete check weighing suite with the ability to record and export data. Utilizing 64 Mb of SDRAM the SkidWeigh Plus ED3 records all events that are required and stores them till a data export is required. The SkidWeigh Plus ED3 also comes standard with an easy access USB port for .xls formatted reports. The standard configuration of the SkidWeigh Plus ED series is also available for up to 8 options that improve productivity and enhance safety. (See Options)

STANDARD CONFIGURATION

- **Weighing Suite**
  - Check Weighing • Accumulative Totaling
  - Tare • **Parts Count • **Waybill/Load Identity
- **Vehicle ID**
- **Data Export**
  - USB (.xls Reporting)

SKIDWEIGH
PLUS ED4

Data on Demand - Wirelessly

STANDARD CONFIGURATION

- **Weighing Suite**
  - Check Weighing • Accumulative Totaling
  - Tare • **Parts Count • **Waybill/Load Identity
- **Vehicle ID**
- **Data Export**
  - USB (.xls Reporting) • 900 Mhz Digi Mesh
- **Communication**
  - **Email Notification • LAN Webpage Portal**

The SkidWeigh Plus ED4 offers the reliability and functionality of the ED3 with a wireless communication protocol. Utilizing a Base Station communication hub 1 or multiple SkidWeigh Plus ED4's can connect to any network without requiring Wi-Fi or any monthly hosting fees. The standalone wireless communication protocol delivers data as it happens to a dynamic LAN webpage that allows users to track and sort important information. For critical events email notifications are available in real time. The SkidWeigh Plus ED4 is also available for up to 8 productivity and safety options. (See Options)

** No charge options that must be requested at time of order

INTEGRATED OPTIONS

SkidWeigh Plus: More than Just Check Weighing

Only the SkidWeigh Plus ED series, with its digital platform and microprocessor technology allow end users to select from a series of productivity and safety options. The advantage of modular plug in options is that you can create the SkidWeigh Plus unit that is best suited for your business today and add options in the future as your business changes.

OL: OVERLOAD NOTIFICATION

This option allows end users to set a weight threshold that is critical to operator safety and or infrastructure capacity. Vehicle maximum capacity or racking weigh limits are easy to respect as within seconds of being surpassed, the system will sound an audible strobe alarm.

ID: OPERATOR IDENTIFICATION

The option allows an operator to be associated with the usage and or events being performed or recorded during that time. That ID will be time stamped on all event reports. Does not prevent starting of the vehicle.

AC: ACCESS CONTROL

Ensures that only authorized operators are able to start and use the vehicle. Access can be granted by way of pre-programmed 3-digit numerical codes or using RFID proximity cards or fobs.

OS: OSHA OR MOL PRE-SHIFT SAFETY CHECKS

Prior to the start of a shift, this option will prompt the operator to start and complete a pre-shift safety check. Can be set for daily, continental or rolling 8. The time taken to complete the safety check is also timed and recorded for compliance. Additional questions can be added or customized.

INTEGRATED OPTIONS

SkidWeigh Plus: More than Just Check Weighing

IM: HIGH AND LOW IMPACT DETECTION

Systems with this option provide two level impact monitoring and notification. High level impacts are alerted with the assistance of the audible strobe alarm and recorded by the system for investigation. The SkidWeigh Plus ED4 system also provides email event notification. Low level impacts are designed to give the operator a pre-warning and serve as a tool to increase safety and prevent damage.

IV: IVISIBILITY

iVisibility is a unique option only available to the SkidWeigh Plus ED series. This option allows management to keep track of actual operational usage beyond simply vehicle run time. Determining a utilization factor in seconds allows for better visibility into production cycles and the ability to set benchmarks.

PR: PRINTER MODULE

This option allows you to connect via Bluetooth, a number of printer options. This allows for data collected by the SkidWeigh Plus ED series to be exported to a print ticket and or creation of a barcode sticker.

SC: SCANNER MODULE

This option allows you to connect via Bluetooth, a number of scanner options for purposes of integrating barcodes. Perfect for inventory or product identification.Can be set for daily, continental or rolling 8. The time taken to complete the safety check is also timed and recorded for compliance. Additional questions can be added or customized.

MANAGING DATA CONNECTIONS

SkidWeigh Plus ED Series Makes Importing and Exporting Data Easy

SCANNERS: POINT AND CLICK PRODUCTIVITY

For businesses that require quick data importation and the ability to integrate it into a multi-processed exchange, IVDT offers a variety of scanner options Bluetooth Scanners provide the forklift operator a quick and efficient way to time stamp, recognize waybills and or barcoded information without interrupting the existing productivity cycle of the business. IVDT Scanner are available in a variety of options depending on the application and proximity between operator and load.

ONBOARD PRINTERS: RECORDS, RECEIPTS AND LABELS ON THE GO

Many businesses especially those that deploy forklifts in fast paced environments often rely on IVDT systems to provide notifications such as weight or shipment totals. IVDT takes into account that driving a forklift alone is a tedious endeavor that demands focus therefore requires full attentions. With the addition of a printer and the push of a button there is no need to manually record totals thus eliminating dangerous interruptions and mistakes caused by human error. All printers are Bluetooth and output is either thermal paper or peel and stick label format.

BASE STATION COMMUNICATION HUB: EASY NETWORK CONNECTIVITY

The Base Station, compatible with the SkidWeigh Plus ED4, allows you to connect to your network and retrieve all pertinent data in real time. Utilizing 900 Mhz license free technology, the ED4 is in constant contact with the Base Station. Simply connecting the Base Station with a DHCP or static IP and the setup of a mail server allows you to get email event notifications and access all your data on a LAN webpage.

- Not Cloud or Cellular Based (No Monthly Fees)
- Does not rely on Wi-Fi (No Security Compromise)
- Connects in seconds to any network (Similar to a Digital Copier)
- Provides a LAN webpage portal
- Email notifications on critical events
- FTP archive backup

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ED3 AND ED4 SPECIFICATIONS SKIDWEIGH PLUS

- Voltage 12 to 55 VDC (90V Available)
- Operating Current < 75mA
- A/D Converter 10 Bit Resolution
- Real Time Clock with Battery Backup
- 16 Bit Micro Controller
- 64 Mbit Flash Memory
- Output Relay 2A, SPDT
- Audio / Visual Strobe Light Alert
- LCD Display, Low Temperature Version
- Technology: Flash Microcontroller
- ABS Enclosure: (120 x 80 x 55mm)
- Weight 350g without bracket
- IP65 NEMA 4X, UL Listed Silicon Sponge Gasket
- Operating Temperature -40C to +75C
- **Transducer Stainless Steel AIDI303**
- Port Connection: Male ¼"-18 NPT
- Built in Pressure Snubber
- Reverse Polarity Protection
- Voltage/Short Circuit Protection
- Shock: IEC 60068-2-6
- Insulation Voltage: 500 VDC
- Response Time <1 ms
- Load Cycle: < 1 00Hz
- EMC Conformity

ED3 AND ED4 SKIDWEIGH PLUS SERIES ADVANTAGES

- Installs in Approximately 2 hours or less
- Does not Require Maintenance of Ongoing Calibration
- No Monthly Fees
- No Security Risks
- Self-Reliant Communication Protocol
- End User Sustainable
- Modular Design Allows for Enhanced Option and Additions
- Operator Friendly / No Obstruction
- Real Time Event Stamp
- Web Portal Interface
- IP65 Suitable for Harshest Environments
- 'Lift-N-Weigh' Operation no Interruptions to Operation
- Weighing Accuracy +/-1% of Rated Capacity or Better
- Comes Complete with Universal Mounting Brackets
- 2 Year Warranty
- 12 Hour Customer Support Line

Integrated Visual Data Technology Inc.

For over 30 years IVDT has designed and manufactured industry leading onboard weigh scales, vehicle productivity and safety systems for material handling vehicles. Specializing in delivering return on investment solutions for businesses, global customers benefit from increases in productivity and best in class safety compliance. IVDT's innovative modular design allows system users to experience flexible, comprehensive and customized solutions enhancing the efficiency and safety of material handling fleets of all sizes.

With over 200 software algorithms and hardware configurations IVDT provides customized solutions tailored to the end user. The ease and versatility of plug in technology and stock manufacturing allow IVDT to deliver 90% of those solutions through lift truck dealers and OEM manufacturers worldwide.

Our experienced technical staff provide the industries best response to solution enquiries, technical support and product deliveries.

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