

ED3-EP SkidWeigh Plus Series

Hydraulic Pressure Transducer Load Weight
Measurement Systems for Electric Pallet Trucks



Electric Pallet Truck On-board Check Weighing System with Lift Accurate Technology

The **SkidWeigh Plus ED3-EP** mobile electric pallet truck scale is designed specifically for use with class III, electric pallet trucks. The system is engineered similar to the ED scale series, able to withstand the most difficult and challenging material handling environments however only Lift Accurate Technology is able to provide +/-1% accuracy of capacity on class III equipment.

Utilizing the same industry leading performance, technology and design as the ED3, the SkidWeigh Plus ED3-EP mobile electric pallet truck scale provides material handling applications with the ability to identify and distinguish loads through information. The ability to input waybill numbers, operator I.D., and vehicle unit numbers along with a 'real time' date stamp provides companies the ability to record, categorize and keep accurate records of the loads weighed. Accurate to +/- 1% of vehicle maximum weighing capacity this on-board scale is also capable of providing information pertaining to performed safety checks, vehicle utilization, freight dimensioning and overload warning. Data output capabilities include printer options including Bluetooth communication.

The system can be easily installed in the hydraulic lift circuit of any class III walkie regardless of capacity and fork length and does not alter the rating requiring the vehicle to be re-plated. Once installed, an even simpler calibration process begins by lifting a known load against the weight of the empty forks or attachment. Once this is acknowledged the system software takes over and the ED3-EP mobile electric pallet truck scale is ready to use. Similar to the ED2-EP, the ED3-EP utilizes an IP67 rated compact digital instrument enclosure that protects against dust and moisture standing up against the toughest material handling environments.

PRODUCT SPECIFICATIONS



Technical Data

- Voltage from 12 to 55 VDC
- Reverse polarity protection
- Power On/Off switch
- Operating current 60mA
- Technology, micro controller
- 64 Mbit flash memory
- Real-time clock with battery backup
- Sample rate for weighing function, 16000 samples / session
- Four analog inputs
- USB port
- LCD display, 2 lines x 16 characters
- Display size 68 x 27 x 11 mm
- Character size 6.68 x 2.76 mm
- LED backlight
- High contrast LCD super twist display
- Keypad 16 key with tactile feedback
- Sealed keypad, watertight
- Functions overlay
- Enclosure ABS, 120 x 80 x 55 mm
- Weight, 0.5kg
- Operating temperature -20 C to +70 C
- **Pressure Transducer** (Swiss Made)
- Port connection, male thread 1/4"-18 NPT
- Built in pressure snubber
- NEMA 4X protection
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- CE conformity, EN 61326-2-3
- Weighing accuracy +/- 0.1 to 1% of pallet truck maximum lifting capacity

Standard Features

- Weighing range up to 99999 lb. or kg
- Single weighing channel
- Lift accurate technology
- Lift-n-weigh load weighing procedure
- English and French languages
- Calibration password protected
- Automatic Bluetooth pairing function
- Automatic calibration
- Month/Day/Year LCD visual display
- Hours/Minutes/Seconds visual LCD display
- Graduation 1,5,10,50 and 100

Optional Features

- RF communication module
- Low temperature LCD display module
- Bluetooth communication module
- Accumulative load weight total
- Mobile on-board printers, thermal, dot matrix and label
- Utilization monitoring
- Impact detection
- Overload warning
- Safety checklist
- Freight dimensioning
- Manual input for Tare
- Parts count by weight
- Tare input
- Operator ID# input function
- RFID proximity cards reader for operator vehicle access control
- Wireless web based reports
- Enfora modem, FCC ID: MIVGSM0408

High contrast LCD display with LED backlight, super twist, 2 lines x 16 characters

Clear cover, impact resistant with seamless foam-in-place gasket assures watertight and dust-tight seal

ABS enclosure, NEMA Type 4X, flammability rating UL94-HB, IEC 60529, IP67

Surface mount printed circuit technology

Universal power supply input from 12 to 55 V DC

