

## Specifications

# ACCULOAD

## Model LTWS-1 Product Specifications

### Model LTWS-1

### Economy Hydraulic Fork Scale and Weighing System

#### *AccuLoad Model LTWS-1*

#### *Economy Model Static Weighing Hydraulic Forklift Scale*

- Easy Installation
- Accurate

\*Installation and on-site  
Calibration extra

**Also available  
Washdown-capable Model  
LTWS-1 SS**

#### *AccuLoad Economy Model Static Weighing Hydraulic Forklift Scale*

- Easy Installation
- 1% - 2% Accuracy



American Forklift Scales onboard Lift Truck and Forklift scales are designed to measure the load weight when the load has been picked up.

- The American Forklift Scales onboard hydraulic weighing system determines the load weight by sensing the hydraulic pressure needed to extend the lift cylinder for raising the forks.
- The heavier the load, the greater the pressure in the hydraulic line.
- This signal is transmitted to the In-Cab meter, which displays the weight on the forks.
- Accuracy and Repeatability are affected by consistency of operation and condition of lift system

# Model LTWS-1 With TI-500 Indicator Economy Hydraulic Fork Scale and Weighing System

## General Features



Most **user-friendly** system available with built-in troubleshooting diagnostics and our toll-free technical support line.



Load Sensors made from ISO 9000 17.4 **Stainless Steel** using only temperature compensated strain gage technology.



System is designed to work in the harshest environments, **dependably and accurately**.



**Accurate** and requires on average only 2 hours for installation.



**Accumulation** feature allows operators to either count up for total or display single load weight.



**Remote Accumulator Switch** accessory available.



**RS232 Printer** accessory available providing for date, time and accumulated, loaded weight.

## Technical Features

<b>Input Power - Voltage:</b>	12Vdc +/-5%
<b>Input Power - Current/Amps:</b>	Maximum: 500mA Nominal: 100mA + 30mA per 350 Ohm transducer
<b>Excitation Voltage:</b>	10Vdc
<b>Maximum Transducers:</b>	Four (4) 350 Ohm Transducers
<b>Operating Temperature:</b>	14F to 104F (10C to 40C)
<b>Display Technology:</b>	5 1/2 digit LCD 3/4" height
<b>Control Panel Key Functions:</b>	lb/kg, Zero, Net/Gross, Tare, Print
<b>Serial Port:</b>	Full Duplex RS-232 format
<b>Housing Material:</b>	Black ABS
<b>Weight:</b>	1 lb. 6oz.
<b>Shipping Weight:</b>	2 lb. 4oz.

### Options and Accessories:

- Impact Receipt Printer
- Remote Switch for Accumulator Function
- 12Vdc Battery Line Conditioner
- 36Vdc to 12Vdc Voltage-Converter for battery-powered lifts (24Volt and 36Volt systems)

All American Forklift Scales onboard weighing systems are warranted for 24 months.