

# SAFE AID

## TS350 FORKLIFT LOAD INDICATOR

The Safe Aid TS350 forklift load indicator is designed with ease of use in mind and a product which surpasses any other payload / safety system at an affordable price. A complete user-focused system, the TS350 requires minimal input from the operator and displays accurate lifted loads using a pressure sensor built into the machine hydraulics.

An innovative feature of the TS350 is the reporting software – all data throughout the working cycle of the forklift is monitored and recorded to a removable USB flash drive for materials handling management. Data is simply transferred to a PC using the free data logging software supplied.

**WHATEVER THE TERRAIN, WHATEVER THE APPLICATION,  
THE TS350 SHOULD BE A STANDARD, INTEGRAL PART OF YOUR FORKLIFT!**



### BENEFITS OF A TS350 FORKLIFT LOAD MONITORING SYSTEM

- Accurate Load Display
- Monitoring of Abuse / Overloading
- Materials Handling Management – Batch Capturing
- A Full History of Data can be Kept on a Local PC
- No More Weighbridges = More Productivity & Time
- Warns Operator when Overload Conditions are Imminent or Have Been Reached (90% & 100%)
- Easy to Use, Easy to Install & Maintenance Free
- Affordable Replacement Parts
- Effective & Reliable System



## SYSTEM COMPONENTS



**EASY TO SETUP. SIMPLE TO USE.**

# SAFELOAD

## TS350 FORKLIFT LOAD INDICATOR

### TECHNICAL SPECIFICATIONS

#### PRESSURE SENSOR

- 4-20mA Output
- 0 – 600 Bar Measuring Range
- IP67 M12 Connector
- High Pressure Hydraulic Fitting
- Outside Dimensions 50 x 22 x 22mm (L x W x H)

#### TS350 DISPLAY UNIT

- 6 – 40 VDC Input Voltage
- Double Multi-Layered Circuit Board – 2 Layers
- 3.5" TFT Colour Touch LCD with Backlight
- Graphical Colour Screen – 256,000 Colours
- Display Resolution – 320 x 240 Pixels
- 55 x 73mm Viewing Area
- Solid Aluminium Box with Powder Coated Sheet Metal Backend
- Replaceable Transparent Touch Screen Protection Sticker – Seals Touch Panel

- CAN Bus or MOD Bus (RS485) Communication
- 1 x USB Device Port (USB-A)
- 1 x USB Host Port (USB-B) - Optional
- 1 x Wireless Port  
(Configured Utilising Optional X-Bee Device)
- 4 x Optically Isolated Digital Inputs
- 2 x Relay Outputs (Potential Free Contacts)
- 2 x 4-20mA Inputs  
(Can be Configured Optionally as 0-10VDC Inputs)
- 1 x Load Cell Input with 5VDC Excitation
- 1 x 85db Audible Alarm
- IP54 Environmental Protection
- Outside Dimensions 110 x 120 x 85mm (L x W x H)
- Battery Backed up Real Time Clock
- Protection via 2 Amp Blade Fuse

#### CABLING & WIRING

- All Cables Terminated at TS350 Display
- Sealed M12 Connector Used on Pressure Sensor

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