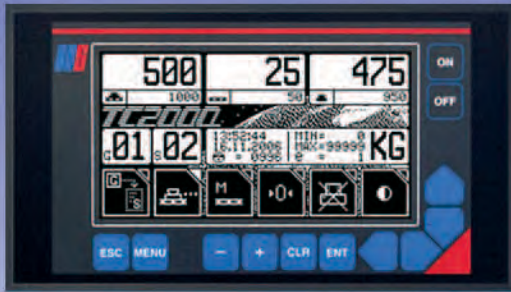


VANGUARD

High Accuracy Hydraulic Bypass Forklift Scale



WVH-2000 LCD screen



**Hyd bypass
w/sensor + solenoid**



Features:

- Hydraulic by pass module improves accuracy to an amazing 0.2% (10# in a 5000# load)
- Solenoid controlled by pass module with high accuracy sensor and flow restrictor
- LCD screen mounted in cab for easy viewing Lbs or Kgs
- Logs up to 99 events on up to 99 different channels (different trailers, customers, products, etc)
- Gross and net weighing; manual and automatic tare
- RS232 serial port weighing event data transfer to printer or PC
- Print out individual labels or receipts for each weighing event (each time + date stamped)

Model:

- **WVH-2000** (Kit includes: LCD screen with mounting bracket, hydraulic bypass module with solenoid + sensor)

Benefits:

- Most accurate hydraulic scale on the market today
- High reliability hydraulic scale---NOT subject to expensive abuse like load cell scales
- Can not be damaged like load cell scale ---bypass module is mounted out of harm's way
- Printed label shows: last time/date handled and exact weight of load
- Weighing log shows how many loads handled and what customer, trailer, product etc
- Intuitive LCD screen provides for very accurate and easy set up and calibration

Applications: Installed on any gas, LPG, diesel or electric forklift

Insures correct freight payments + weights * Errors found on the spot * Reduces extra handling
Saves time in transport to floor scale * Prevents overloads * Print load weight label
Time+date record of what came in + what went out * Weigh anywhere in the plant

EQUIPMENT SAFETY DEVICES

High Accuracy Advanced Hydraulic Weigh Scale

0.2--.3%% Accuracy!! 10--15# in 5,000# Load

How VANGUARD achieves this accuracy:

In the weighing process, hydraulic fluid (under pressure from the load) moves through the bypass module and pressure sensor. Hundreds of hydraulic pressures are read (instead of only one on a conventional hydraulic scale). This multitude of pressure readings takes out the errors and averages many pressure readings providing much higher accuracy. This accuracy --previously the domain of only load cell scales--is now available in the VANGUARD.

Components: Model: WVH-2000

Logging digital LCD Indicator:

RS232 serial port is standard

Hydraulic manifold:

Pressure transducer, flow restrictor, solenoid

Compare with load cell scales:

1. NO increase in load center
2. NO loss of lifting capacity
3. NO cables in the mast
4. Can NOT damage scale
hyd components mounted out of harm's way
5. Can be used in abusive, tough applications
6. Unaffected by vibrations and shocks
7. Accuracy nearly the same
8. Considerably lower purchase price

Specifications:

Capacity: Up to 30000# with std bypass module

Above 30000# with optional high capacity module

Display: Backlit Graphical

Keyboard: 10 user freindly keys

Supply Voltage:12--24VDC Optional 36--48VDC

RS232 serial output standard

Bluetooth module optional for exporting data

to computer or to printer

Printers:

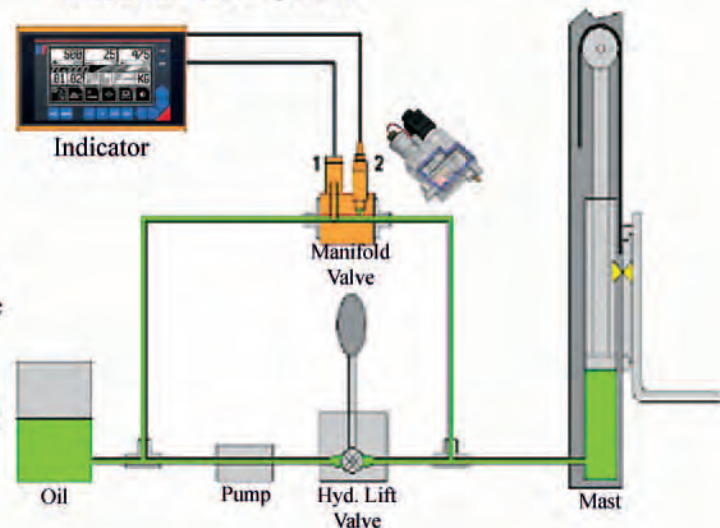
There are two Bluetooth printer options available:

2" receipt and 3" adhesive label.

See video at: <http://keytroller.com/WEIGHTROLLER-Vanguard.html>

LCD screen advanced features:

1. Gross and net weighing
2. Manual and automatic tare
3. Grouping---99 groups up to 99 events per group
Shows: Top- Weight of load on forks
Bottom--Weight of all loads in that group
4. Totalising and printing of group sequences
5. Storage in memory of sequential weighing in groups
6. Shows date and time on every event
7. Data transfer RS232 to printer or PC
8. Option: Wireless transfer by:
"Bluetooth" to PC, PDA



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