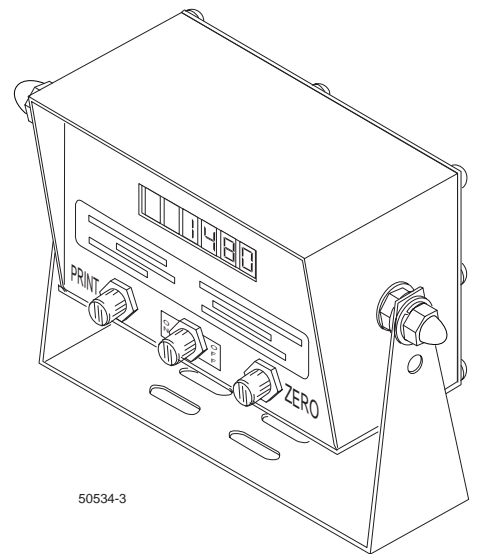




Fork Truck Scale

Model 5950



50534-3

Amendment Record

"FTS" Fork Truck Scale
Model 5950
50535 / SJ4816

Manufactured by Fairbanks Scales Inc.
821 Locust
Kansas City, Missouri 64106

Origination date: 5/99

Issue #1 New Product Release

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Disclaimer

Every effort has been made to provide complete and accurate information in this manual. However, although this manual may include a specifically identified warranty notice for the product, Fairbanks Scales makes no representations or warranties with respect to the contents of this manual, and reserves the right to make changes to this manual without notice when and as improvements are made.

Section 1: Introduction

The IND-5950 scale instrument is used on the FTS series fork lift scales for non-commercial weighing usage. It's ease of setup, simple operation, and rugged design provide reliability and durability in an on-board scale instrument.

Section 2: Description

The IND-5950 instrument features a six (6) character bright red display and push-button Zero. Weighing is simple: Raise the load, level the forks, then read the weight. Low power usage and mechanical weight readings do not interfere with the lift's hydraulic system. Optional RS232 output and printer accessories allow for recording weights. Optional setpoints allow the fork lift to be used as a "filling" station where it may hold a drum or container being filled or emptied with parts or material.

Section 3: Specifications/Features

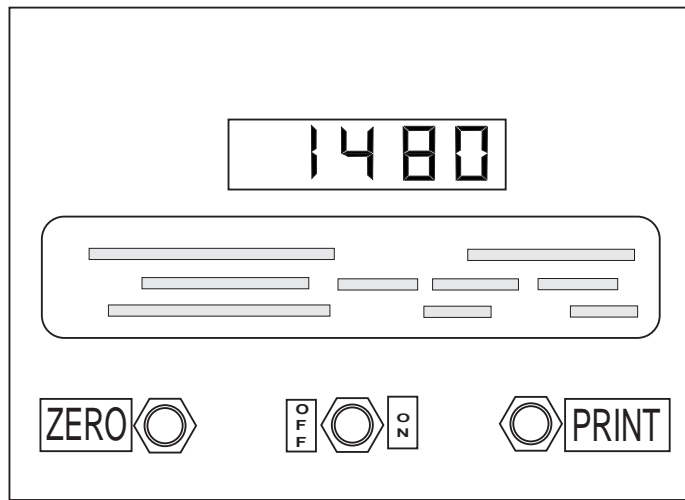
- Red LED Six (6) digit/character display
- Push-button zero
- Single point calibration
- Universal mounting bracket
- 12 to 24 VDC standard operation
- "Fixed" zero
- NEMA 4 rated enclosure
(Non-NTEP = NOT legal-for-trade weights)

Options:

- Multiple setpoint controls
- Rs-232C output
- 36 to 48 VDC power converter

Section 4: Operation

A. Keyboard/Display layout:



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B. Keys and their meanings:



ZERO

Used to set scale to "00"



ON/OFF

Used to turn power ON or OFF for operation/no operation



PRINT

Used to send data if optional output and printer is installed

C. Zero procedure:

Turn the indicator power "ON" and allow to warm up for a few minutes. With forks empty, raise the forks off the floor, level, then press the "ZERO" key. The display will show "0" or "00."

D. Gross weighing:

Operate fork lift as you normally would. To obtain the weight of a pallet/skid, lift high enough to clear the floor, be clear of other pallets, poles, etc., then rack to level condition. With the fork lift stationary, forks level, and load clear, read/record the weight reading. Periodically, re-ZERO the instrument following the ZERO procedure in Section 4,c.

E. Gross weighing with optional printer

Turn the indicator power "ON" and allow to warm up for a few minutes. With forks empty, raise the forks off the floor, level, then press the "ZERO" key. The display will show "0" or "00." Operate fork lift as you normally would. To obtain the weight of a pallet/skid, lift high enough to clear the floor, be clear of other pallets, poles, etc., then rack to level condition. With the fork lift stationary, forks level, and load clear, read/record the weight reading by pressing "PRINT." The weight will be printed on the attached tape printer. Periodically, re-ZERO the instrument following the ZERO procedure in Section 4,c.

Section 5: Error codes

There are sources of errors that may affect the fork lift scale: power problems with lift, electronic errors, and/or mechanical faults. A possible problem may be located with a good visible inspection of the lift truck. Check for cut or damaged wires, loose or missing bolts or damage to flexures. Call your nearest Fairbanks service representative for help.

Note: Incorrect wiring or shorted wiring may damage the indicator.

A. Error Information using Q and A :

Q: No Display

A: Try ON/OFF switch again, check fuse, check that forklift has power to lights or horn. If fuse is good call your nearest Fairbanks service representative

Q: Display shows "LLLLLL"

A: Low Power

Q: Displays shows "HHHHHH"

A: Overcapacity condition (load is more than rated capacity)

Q: Display shows "EEEEEE"

A: No load cell signal received, check for cut or damaged cable (improper wiring can cause indicator damage) call your nearest Fairbanks service representative

Q: Partial digits

A: Turn power switch OFF then ON, call your nearest Fairbanks service representative

Q: Indicator will not ZERO

A: Turn power switch OFF then ON, make certain forks are clear of floor and on sides, forks are level, call your nearest Fairbanks service representative

Q: Weights are different with same load

A: Make certain load is clear of floor and on sides, call your nearest Fairbanks service representative

Q: Weights are "light"

A: Make certain load is clear of floor and on sides, call your nearest Fairbanks service representative

Q: Weights are "heavy"

A: Make certain load is clear of floor and on sides, call your nearest Fairbanks service representative