PRESENTED BY

AN ISO 17025
ACCREDITED COMPANY

DALLAS   FT WORTH   AUSTIN   HOUSTON

NicolScales.com

800.225.8181

Contact Us

Nicol Scales & Measurement is an ISO Accredited Calibration
Company that has provided calibration, repair and sales of all types
of weighing and measurement products since 1931.

![Fairbanks Scales logo] — Weighing Equipment for the World

SDL #:	7036	DATE: November 21, 2013	
TO:	Administrators / Cust. Support Ctrs. Area Sales Managers Area Service Managers Authorized Canadian Distributors Authorized Domestic Distributors	Customer Service Engineering Export Management International Distributors Marketing	Manufacturing Mgmt. Regional Managers Solutions Group Technical Support Technicians
FROM:	Derrick Mashaney, Kansas City		
SUBJ:	FB2550 Scale Summing		

Fairbanks is pleased to announce another new feature for the FB2550 instruments—Scale Summing. This feature will allow you to configure multiple scales on a single FB2550 and have the FB2550 automatically calculate and display a "total scale" weight.

The Scale Summing feature is included in all FB2550 instruments using revision 4.3 or higher software. Revision 4.3 software began shipping in all FB2550 on August 29, 2013.

Please review the following pages for a brief overview of this feature.

If you have any questions, concerns, or comments please contact me at 816-448-4249 or by e-mail dmashaney@fairbanks.com.
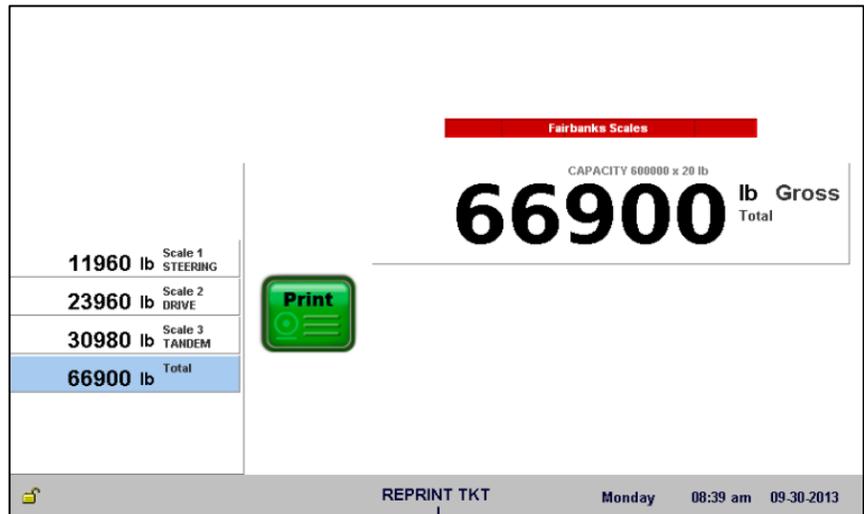
What is Scale Summing?

Scale Summing is a means to have the FB2550 instrument automatically sum multiple scales and provide a "total scale" weight.

Why would anyone need scale summing?

There are many applications where scale summing will be a useful feature. One use of Scale Summing is to configure the FB2550 to provide **basic** multiple platform *Highway System*-like functions. Specifically, individual platform weights and total weight all displayed on the weigh screen at the same time.

The legend for each scale, STEERING, DRIVE, TANDEM is programmable.

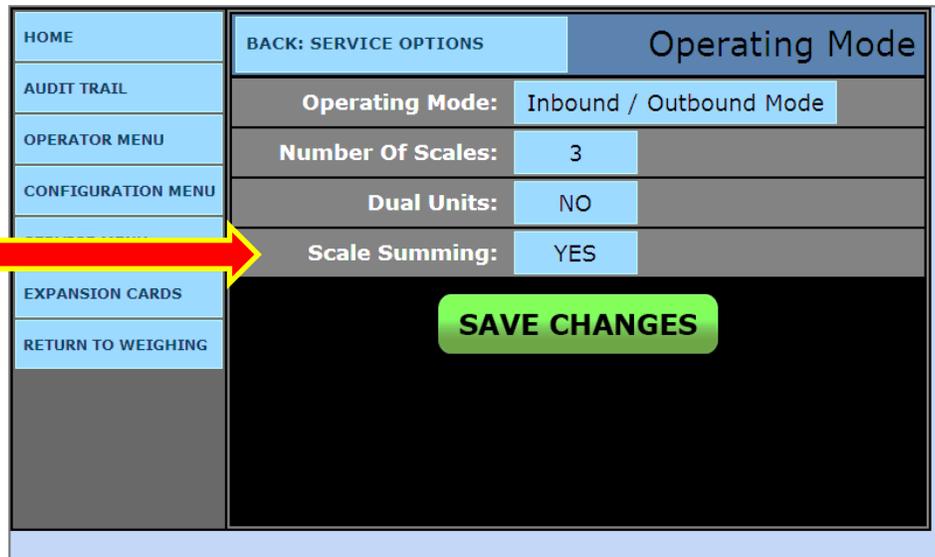**Note: The <u>only</u> Traffic Control available when in Scale Summing mode is for the TOTAL scale.**

It is **very important** to remember this feature only provides **basic** multiple platform *Highway System*-like functions. **This configuration is not a true Highway System.** This configuration **will not** allow for double trailer or triple trailer weighments. It will not allow for other true "Highway System" functionality such as a fee schedule based off weighment type. It simply provides individual platform weights and automatically calculates a total weight from the configured platforms.

How is Scale Summing configured?

Scale Summing is enabled in the OPERATING MODE menu.

Each individual platform is then configured as normal.

The number of scales in your system will dictate the number of load cell interfaces required for your application.

What weights can be output?

The FB2550 can be configured to output all platform weights as well as the calculated total.

To obtain an output containing individual platform weights and total weight output, you will need to configure the output similar to the sample screen to the right.

What can be printed on the tickets?

Tickets can be formatted to print all platform weights as well as the calculated total.

In order to get the individual platform weights to PRINT, you will need to use the TEXT FIELDS in the print format settings.

Use TEXT FIELDS 1, 2 & 3 for the Steering, Drive and Trailer platforms.

TOTAL will be the GROSS weight field.

The example to the right is for a 590 printer.