

FAIRBANKS®

TRIDENT TRUCK SCALE WITH TENSILECORE ENGINEERED CONCRETE

- 1-Day install • No-risk • Longer-lasting

In most cases, a concrete deck is the best solution for customer applications. Unfortunately, many customers are never presented with a concrete deck option. Field pour scales are problematic to some scale companies because they lose direct control over the quality of the concrete work. Furthermore, low-cost fabrication of the steel deck and the benefit of quick start-up times make the sales process a fast, low risk process to the seller — even when a concrete deck is a better solution for the buyer. As a result, some scale companies will use steel deck platforms as the “solution” for all applications. What happens is the customer purchases *the scale they were sold* instead of *the scale they need*.



SEEING IS BELIEVING

Think about this. When is the last time you saw a bridge deck or highway constructed with steel? Ever wonder why? Simply put, properly installed concrete has greater durability, lasts longer and is safer.

WHY OTHERS AVOID USING CONCRETE

The real key is proper construction. If the construction of the deck is not correct, the product will simply not hold up!

*Is the concrete a proper mix?
Is it properly poured and vibrated in place? Is the deck finished with a proper crown to prevent water from “pooling?”*

All good questions. But, it is impossible for the scale manufacturer to control the quality of a concrete deck...isn't it? Absolutely not, there is a better solution.



TensileCore Engineered Concrete (right) boasts many advantages over field-poured competitors.

TENSILECORE CONCRETE ADVANTAGES

- 1-Day installation
- Controlled mix, finish and cure
- Low permeability
- Moisture failure resistant
- Guaranteed compressive strength
- High flexural strength

FAIRBANKS' TRIDENT IS THE LEADER IN QUALITY WEIGHBRIDGE CONCRETE

As it turns out, Fairbanks has a really simple solution for controlling the quality of a concrete deck...pour the deck at the factory! A factory poured concrete deck is manufactured under tight controls from the initial concrete mix, to the pouring process, right through the final curing.

This process yields the strongest, longest lasting and most consistent concrete platform available today. We call this product TensileCore Engineered Concrete. Each Trident scale platform consists of a concrete mix which includes microsilica fume to fill the tiny porous areas that allow water to penetrate typical concrete platforms. Each Trident deck also has thousands of TensileCore fibers added to the concrete mix. These TensileCore steel fibers provide additional tensile strength unobtainable in field pour mixes. We complete the process by using a controlled steam cure. The result is an ultimate 8,000 psi compressive strength deck that is traceable to ASTM testing.

TRIDENT: THE OBVIOUS CHOICE

Fairbanks' Trident is the perfect truck scale for applications requiring 1-day installation, no-risk concrete and longer-lasting, dependable weighing.



The controlled mix, placement, finish and cure of Fairbanks' precast TensileCore Engineered Concrete guarantees a truck scale superior to any poured in the field.



Fairbanks TensileCore concrete boasts the highest strength and durability in the scale industry. (Left) Test cylinders from each pour must meet stringent ASTM engineering standards.

Purchasing a Fairbanks Trident Truck Scale is really purchasing peace of mind. Our factory controlled environment and process guarantees consistency, Trident after Trident. That is something that is impossible to achieve in the field, and we back it up. Our consistency is tested with traceable results of the quality of the pour. Add to this incredible scale platform the benefits of Fairbanks Intalogix® Technology and you have a truck scale that simply cannot be beaten.



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