

## 5,000 lb Capacity Integral Wireless Communication Scale



For years, the only scales available to the forklift industry often complicated forklift operation, compromised operator visibility and required expensive off-site maintenance. But with the first integral wireless communication scale in the industry, this is no longer the case. The legal-for-trade, wireless communication scale delivers robust functionality, intuitive control and real-time data collection, without reducing your operator's productivity. Built in conjunction with METTLER TOLEDO®, the scale arrives direct from the factory, integrated in the carriage, per your specifications. Contact your local Mitsubishi forklift truck dealer for more information.



# Specifications

SCALE CARRIAGE	
Type	Fits ITA class II carriage
Size	36 in wide x 22 in high
Scale capacity	5,000 lb
Readability	5 lb legal, 1 lb commercial
Load cells	(2) stainless steel hermetically sealed chain sensors, 5,000 lb capacity (2) stainless steel hermetically sealed mast sensors, 1,250 lb capacity
Electronics	7 channel high speed data acquisition module with up to 1 part in 500,000 resolution. Integrated dual channel inclinometer. (1) 915 MHz, 130 channel radio used to communicate with scale terminal
Power	rechargeable NiMH battery pack with 36 hour life (includes two batteries and one charger)
TERMINAL	
Enclosure	IP65 cast aluminum alloy
Power	12 VDC, 1 amp
Display	5 inch, color TFT, with touch screen
Data input	touch screen display
Memory	64MB RAM (expandable), 32MB compact flash (expandable)
Processor	Pentium® class 300 MHz
Serial interfaces	(2) RS-232 (2) USB (1) keyboard (1) mouse
Network interfaces	(1) ethernet
Scale link	(1) 915 MHz, 130 channel radio used to communicate to load cell and sensor network
Expansion slot	(1) PCMCIA type II 802.11 wireless network compatible
Operating system	Windows® CE.NET version 4-2 or later
Operating temperature	-20C to +40C at 10 percent to 95 percent relative humidity, non-condensing
APPROVALS	
	UL, Cul, FCC, NTEP

## SAFETY STANDARDS

These trucks meet American National Standards Institute/ Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

AVAILABLE
FBC20N
FBC25N
FBC25EN (extended battery)
FGC20N
FGC25N
FG20N
FG25N
FD20N
FD25N

\* only available on Simplex and Triplex models



## Standard Features

- Legal-for-trade
- Wireless
- Accurate and repeatable: 5-5,000 lb
- Microsoft Windows® based display monitor
- Upgradable software and hardware
- Wireless networking capability
- Rechargeable NiMH battery pack (includes two batteries and one charger)

## Technology

This innovative scale incorporates the most advanced wireless technology available. It is both highly accurate and repeatable and you can add attachments without affecting weighing accuracy. A Microsoft Windows based touch-screen and push-button functionality makes the interface easy to use. Data can be downloaded via Ethernet, serial, USB, or PCMCIA expansion slot.

## Durability

The scale works in a range of high-cycle applications without needing routine adjustments. The terminal's wireless communication design, strategic positioning and 60,000 lb rated flexure system enhance durability. Load cells are protected due to the patented design; they are attached to the lift chains and mounted behind the lift carriage. Additionally, there are no communication wires that are susceptible to damage between the carriage and the display terminal.

## Visibility

The display monitor is ergonomically positioned and as a result of the wireless design, there are no cables to impact the operator's visibility. The integral design offers superior visibility over traditional hang-on scales.

## Ease Of Use

The display utilizes a touch screen and a Microsoft Windows operating system, making operation simple and intuitive for operators, with minimal training. Additionally, the message bar, function buttons and display window clearly communicate all actions; there are no codes or complicated function keys and abbreviations to memorize or look up.

## Serviceability

Incorporating a range of software service tools, the scale is easy to maintain. From the display terminal, sensor outputs, radio communications and systems setup, all can be monitored and maintained. On-board log files simplify troubleshooting and any errors are easily explained on the display terminal.



## See For Yourself

- Notice that there are no cables between the carriage and the display terminal. Cables on competitive scales are expensive and often susceptible to damage.
- If you are concerned about durability, notice the patented design of the scale. The load cells are strategically positioned behind the carriage and attached to the lift chains, reducing the shock from any front-end impact.
- Unlike other forklift scales, the integral wireless communication scale is not an attachment — it is integrated into the carriage. The result is greater capacity retention and you can add attachments without affecting the weighing accuracy.
- Notice the backlit screen and large viewing area of the display, which make it easy for operators to use — even in poorly lit areas.
- Notice the intuitive design of the display. With a Microsoft Windows operating system and large, easy to read push button functionality, operator training and use are simple. Note that there are no complex functions or codes to decipher, common with competitive scales.



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## Ready. Reliable. Right On The Money.

Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network. Dealer locations exist throughout North and South America, offering flexible financing options and product support.

## Value And Support For The Long Haul

Our programs deliver value just like our forklifts. One example is our parts program, designed to be your single source for quality replacement parts — no matter what forklift brand you own. Another is the Master Protection® program which offers extended powertrain warranties for your Mitsubishi forklifts. Your Mitsubishi forklift truck dealer offers an extensive line of products and services including Master Maintenance® programs, which tailor service and maintenance to your specific applications. Your Mitsubishi forklift truck dealer can provide options and additional visual and audible warning devices aimed at your specific applications and requirements. Operator training programs are also available to help reduce the potential for product damage and personal injury.

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