

# FAIRBANKS®

## IM 6000 PACKAGE SCALE IN-MOTION SYSTEM



The new IM 6000 Series In-motion system is an NTEP approved, high speed, accurate, and configurable in-motion weighing system ready to take on your high speed package applications in areas like parcel shipping, random weight capture and retail boxing processes. At its core is the FB 3000 Solution Series Instrument offering a blazing fast Analog to Digital Converter coupled with unparalleled flexibility in data communications and data acquisition options.

### IM 6000 SYSTEM

The IM 6000 In-Motion System is designed to make package weight information easy to collect and process. The system is available in many different lengths, widths and speeds for application flexibility and ensured compatibility with existing conveyor lines.

At the heart of the system lies Fairbanks' innovative FB 3000 Series Instrument, the only scale instrument on the market that runs on a Windows® XP platform. The FB 3000 not only displays the weight information collected by the IM 6000, it can output to data terminals, printers or PLCs via serial or ethernet connections. It provides an ideal solution for simple weight data capture or can be configured with a print and apply label system.



### ACCURACY

The IM 6000 In-Motion System has proven accuracy. The system is NTEP approved at 100 lbs x 0.1 lb. It continually runs internal diagnostics to identify operator errors such as incorrect box spacing or excessive package length — information that's critical in high-production areas. These internal safeguards ensure accuracy and the smooth operation of the in-motion system.

### UNIQUE CONVEYOR FEATURES

- Sealed bearings for low maintenance.
- 15 minute belt change to minimize down-time.
- Rack and pinion belt tensioning for fast, accurate belt tensioning or replacement.
- V-groove belt and bed plate provides positive belt tracking.
- Belt take-up indicator allows for quick reading of remaining belt life.
- Design prevents excessive belt stretching.
- Strong, box-like construction resists damaging frame twist.

### SPECIFICATIONS

Induction belt . . . . .	60 fpm to 440 fpm
Parcels per minute . . . . .	Dependent on scale length and belt speed
Maximum package length . . . . .	Dependent on scale length
Maximum table length . . . . .	72"
Minimum package weight . . . . .	2 lbs.
Maximum package weight . . . . .	100 lbs.
Capacity . . . . .	100 lbs. x 0.1 lb.
Overload protection . . . . .	100%
Operating Temperature . . . . .	0° F to 120° F
Data Output . . . . .	Programmable for custom output strings
Serial ports . . . . .	RS-232, 485, 422
Packages . . . . .	Should be singulated prior to weighing
Error handling . . . . .	If error condition is recorded, an estimated weight value is displayed
230/480V . . . . .	3 phase available at site for conveyor
110V . . . . .	Available at site for instrument
Optical triggers . . . . .	Cutler Hammer
Approval . . . . .	NTEP COC #05-089A3

### QuickFacts™

Models and specifications subject to change without notice.  
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Call toll-free for the Fairbanks representative nearest you:  
**(800) 451-4107**