



Harvest Scale Systems, LLC

# HARVEST SCALE SYSTEMS

## 2020 VERSION 3 SPECIFICATION SHEET

### SCALE SYSTEM AT A GLANCE

- 3.2 seconds per transaction
- Scan to use on ANY farm instantly
- Charge time: 5-6 hours
- Run time: 16+ hours
- System weight 80 lbs

### THE WEIGHT DISPLAY

- Avery Weigh-Tronix ZM405 series instrument
  - NTEP approved and legal for trade
- Rugged LEXAN keypad NSF approved
- Stores and tracks over 500 pickers in SQLite database
- Picker display shows weight on the scale and scanned picker ID number
- Tracks and reports harvest data per field, variety, pallet and employee payroll data

### THE SCALE BASE

- Avery Weigh-Tronix BSG Torsion Bench Scale Base
  - 100lb capacity
  - Stainless steel
  - IP66 sealed
  - NSF approved
- NTEP approved legal for trade
- 12" x 14" (310mm x 350mm) platter dimensions

### THE CASE

- PELICAN brand case manufactured in the U.S.A.
- Rotationally molded durable polyethylene
- Removable top lid with cam lock latches for a watertight seal
- Exterior dimensions: 29.25" W x 20.25" L x 11.81" H

### THE SCANNING TECHNOLOGY

- 2D Zebra DS457 fixed mount scanner (standard)
- 2D Zebra DS3678-SR Bluetooth handheld with charging cradle (available as an upgrade)
- Dual magnet mount locations for fixed mount
- Imaging based scanning technology is designed for use in direct sunlight
- Durable double-sided plastic badges with error checking Datamatrix barcode symbology

### INTEGRATED TICKET PRINTER

- EPSON TMU-220 impact dot matrix
- Prints 4.7 LPS (lines per second)
- 3 in. wide two-ply printer paper (recommended)
  - white copy for pickers, yellow copy for farm
- Auto winding reel rolls the yellow copy after printing
- ERC-38 ink ribbons

### WEB BASED SOFTWARE

- Viewable from any web enabled device
  - USB flash drive to upload data or automatically syncs from cellular module in the scale for viewing instantly
  - Supported browsers: Chrome, Safari, Internet Explorer
- Re-print employee badges complete with barcode
- Calculates Department of Labor compliant payroll reports including piece rate, hourly, and breaks
- Generates farm productivity reports, pallet tracking, graphs, field rosters, traceability and more
  - Exportable as Excel spreadsheets or PDFs
- Secure cloud storage makes harvesting data viewable from any web enabled device

### REPORTS IN THE FIELD DIRECTLY FROM THE SCALE

- Instant data reports generated from the scale in the field when a control badge is scanned
  - total weight, number of pickers
  - Weight sorted by variety or field
  - Single picker transaction detail w/ summary
  - Leader and looser board reports
  - End of day picker duration, weight and average lb per hour

### CELLULAR ROUTER RECOMMENDED UPGRADE

- Live synchronization of scale data to the cloud!
- Verizon 4G LTE data connection module
- Plug and play installation with low annual costs
- Remotely monitor your harvest in real-time from anywhere in the world!

### CONSTRUCTION

- Stainless steel and aluminum hardware
- Modular subcomponents with quick connectors for easy maintenance