



HMJ

tech 

gravimetric DISPENSING systems

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MANUAL DISPENSING :

INTUITIVE
INTERFACE

LAB & BENCH-TOP SMART SCALE

The M50 delivers great value in an affordable package. This system couples an industrial grade scale and a solid-state computer with HMJ tech's full-featured dispensing software.

The basic system sits on any desktop as independent components with standard cable connections.

This is NOT your average smart scale system. By using an industrial-grade computer with an embedded version of Windows, this system boots up quickly, and never suffers from Windows bloat or update nags.

Competitors' systems use standard Windows on consumer-grade computer systems. These machines are slow, need frequent updates and are poorly suited for industrial applications.

Commissioning of the M50 is quick and easy. Just connect all the components, add your recipe book and start making batches.

The M50 is a compact and reliable performer that's ideally suited for any laboratory or bench-top manual blending or weighing applications.



DISPENSER TYPE:

MANUAL DISPENSE (SMART-SCALE RECIPE BOOK)

COMPATIBLE CHEMISTRY:

ANY NON-FLAMMABLE

TARGET CONTAINERS:

CUPS, JUGS, PAILS

WEIGHT STATION:

30kg X 1g [65 lbs x 0.002 lbs], OTHER SCALE OPTIONS AVAILABLE

CONTROLS:

INDUSTRIAL SCALE, INDUSTRIAL-GRADE CONTROLLER

INTERFACE:

USB MOUSE & KEYBOARD

UTILITIES:

STANDARD WALL OUTLET / ETHERNET CONNECTION

M50

AFFORDABLE CONVENIENCE.

INDUSTRIAL
GRADE

INTUITIVE
INTERFACE

MODULAR
DESIGN

INDUSTRIAL SMART SCALE

Need a rugged weighing station more suited to the production floor?

The M100 is a true industrial grade unit that arrives fully assembled and configured. It has a solid-state computer and industrial weigh platform.

The 100% stainless steel frame and NEMA enclosure offer a sturdy platform for any industrial setting.

Our proprietary Guide Rail (not shown) adds a whole new dimension of convenience for quick and precise pouring from any source container. Pouring into narrow-neck jugs or cups? No problem! The M100's Guide Rail includes a jig for standard #10 disposable funnels for precise batches and no mess! The adjustable scale easily positions for ergonomic filling of any container type.

The full-featured software is easy to navigate and comes complete with the industry's best features for easy weighing, recipe book management, inventory management and reporting.

The M100 is a true industrial-grade smart scale system for dispensing any type of product in any industrial setting.



DISPENSER TYPE:

COMPATIBLE CHEMISTRY:

TARGET CONTAINERS:

WEIGHT STATION:

CONTROLS:

INTERFACE:

UTILITIES:

MANUAL DISPENSE (SMART SCALE RECIPE BOOK)

ANY NON-FLAMMABLE OR FLAMMABLE (OPTIONAL)

CUPS, JUGS, PAILS, (DRUM OPTION)

INDUSTRIAL 30kg X 0.5g [65 lbs x 0.001 lbs] (+ DRUM / TOTE OPTION)

INDUSTRIAL GRADE SOLID-STATE COMPUTER, TOUCHSCREEN & SCALE

TOUCH SCREEN (+USB MOUSE & KEYBOARD OPTION)

100-240V / NETWORK CONNECTION

M100

AUTOMATED DISPENSING :

INDUSTRIAL
GRADE

AUTOMATED
CLEANING

SINGLE-POINT
DISPENSE

REAL-TIME
DISPENSE

INTUITIVE
INTERFACE

SMALL BATCH DISPENSER

HMJ tech's A200 is the most affordable, industrial-grade dispenser available, but don't be fooled. Despite its compact size and affordable price tag, the A200 has a ton of big-machine features including fully-automated cleaning and single point dispense.

It arrives fully assembled and configured on a single crate. Simply connect the utilities, add your source containers, load your recipe book and start dispensing batches.

The on-board inventory system conveniently arranges 12 pails, plus it can accommodate two drums or totes behind the frame for high-use ingredients.

The A200 uses a 2-range+pulse valve for a perfect combination of speed and precision with clean, laminar flow and predictable dispenses every time!

The touch screen interface is easy to navigate and comes complete with the industry's best features for easy dispensing, recipe book management, inventory management and reporting.

The A200 is ideal for small and niche clients looking to exploit the advantages of mix-on-site inventory. If you are still buying pre-mixed inks, coatings or chemicals, it is time to explore how the A200 can improve your bottom line.



NUMBER OF STATIONS:

COMPATIBLE CHEMISTRY:

TARGET CONTAINERS:

BATCH PERFORMANCE:

WEIGHT STATION:

VALVE POSITIONING:

VALVE CLEANING:

CONTROLS:

UTILITIES:

EXPANDABLE TO 14 STATIONS (PAILS, DRUMS, TOTES)

WATER-BASED, UV-CURABLE, ANY NON-FLAMMABLE

JUGS, PAILS

90 SECONDS (1 USG, 4 INGREDIENTS, 1% PRECISION)

INDUSTRIAL 30kg X 0.5g [65 lbs x 0.001 lbs]

MOVING HEAD, SINGLE-POINT DISPENSE

PATENTED FULLY-AUTOMATED CLEANING AFTER EACH DISPENSE

INDUSTRIAL-GRADE CONTROLS, PNEUMATICS, SCALE, TOUCHSCREEN

100-240V / 6 BAR [90 PSI] DRY AIR / NETWORK CONNECTION

A200

QUICK, PRECISE, CLEAN.

INDUSTRIAL
GRADE

AUTOMATED
CLEANING

SINGLE-POINT
DISPENSE

REAL-TIME
DISPENSE

INTUITIVE
INTERFACE

MODULAR
DESIGN

MEDIUM BATCH DISPENSER

Need more stations? Need to source from drums or totes? The A250 is the answer. The A250 delivers all of the speed, precision and operational convenience of the A200, but adds the versatility of HMJ tech's modular pump stands. Source from any number of pails, drums or totes and arrange to suit a room of any size or shape.

The A250 is our most affordable modular machine. The all-stainless steel frame is sturdy and easy to keep clean.

The touch screen interface is easy to navigate and comes complete with the industry's best features for easy dispensing, recipe book management, inventory management and reporting.

The A250 is the perfect solution for most printing operations and other facilities with a wide range of dispensing needs. The A250 balances great features with affordability. With 24 station capability, hazardous or non-hazardous options, fully automated cleaning and single-point dispense, the A250 is a value-packed performer that rivals machines of twice the cost.



NUMBER OF STATIONS:
COMPATIBLE CHEMISTRY:
TARGET CONTAINERS:
BATCH PERFORMANCE:
WEIGHT STATION:
VALVE POSITIONING:
VALVE CLEANING:
CONTROLS:
UTILITIES:

UP TO 24, ANY SOURCE (HMJ tech PUMP STANDS)
WATER-BASED, UV-CURABLE, SOLVENT-BASED
JUGS, PAILS
90 SECONDS (1 USG, 4 INGREDIENTS, 1% PRECISION)
INDUSTRIAL 30kg X 0.5g [65 lbs x 0.001 lbs]
MOVING HEAD, SINGLE-POINT DISPENSE
PATENTED FULLY-AUTOMATED CLEANING AFTER EACH DISPENSE
INDUSTRIAL-GRADE CONTROLS, PNEUMATICS, SCALE, TOUCHSCREEN
100-240V / 6 BAR [90 PSI] DRY AIR / NETWORK CONNECTION

A250

PRODUCTION DISPENSING :

INDUSTRIAL
GRADE

AUTOMATED
CLEANING

SINGLE-POINT
DISPENSE

REAL-TIME
DISPENSE

INTUITIVE
INTERFACE

MODULAR
DESIGN

PRODUCTION DISPENSER

HMJ tech's 300 series automated dispensers are unrivaled in the industry. The A300 offers the fastest batches and best precision on the market for jug and pail dispensing. End users typically double their productivity by upgrading to an A300 from competitors' current machines.

Its 3-range+pulse valve is in a league of its own for extremely fast AND precise dispensing. The proprietary valve design offers clean, laminar flow at all speeds with self-cleaning internal geometry. The fully integrated valve can be changed quickly and easily with a single fastener without removing any lines, fittings or hoses. The A300 also includes automated valve cleaning and single-point dispense.

Source from any number of pails, drums or totes and arrange to suit a room of any size or shape using the modular HMJ tech pump stands.

The touch screen interface is easy to navigate and comes complete with the industry's best features for easy dispensing, recipe book management, inventory management and reporting.

The A300 is the perfect solution for printers and process industries that require a high degree of reliability and fast throughput with excellent precision and repeatability.



NUMBER OF STATIONS:

COMPATIBLE CHEMISTRY:

TARGET CONTAINERS:

BATCH PERFORMANCE:

WEIGHT STATION:

VALVE POSITIONING:

VALVE CLEANING:

CONTROLS:

UTILITIES:

ANY NUMBER OF VALVES, ANY SOURCE (HMJ tech PUMP STANDS), BULK LINES, ETC.

WATER-BASED, UV-CURABLE, SOLVENT-BASED

JUGS, PAILS

120 SECONDS (4 USG, 4 INGREDIENTS, 1% PRECISION)

INDUSTRIAL 30kg X 0.5g [65 lbs x 0.001 lbs]

MOVING SCALE, SINGLE-POINT DISPENSE

PATENTED FULLY-AUTOMATED CLEANING AFTER EACH DISPENSE

INDUSTRIAL-GRADE CONTROLS, PNEUMATICS, SCALE, TOUCHSCREEN

100-240V / 6 BAR [90 PSI] DRY AIR / NETWORK CONNECTION

A300

PRECISION IN HIGH VOLUME.

INDUSTRIAL
GRADE

AUTOMATED
CLEANING

SINGLE-POINT
DISPENSE

REAL-TIME
DISPENSE

INTUITIVE
INTERFACE

MODULAR
DESIGN

PRODUCTION + DRUM FILLING

Need to fill larger containers? The A350 has you covered with a weighing platform for pails, drums OR both!

The A350 holds all the advantages of the A300, including the modular, single-fastener valve change, single-point dispensing and automated valve cleaning.

The multi-scale option provides the best combination of capacity AND precision. HMJ tech's multi-stage recipe feature will let you dispense the biggest ingredient quickly, but still get absolute precision on the critical components.

Source from any number of pails, drums or totes and arrange to suit a room of any size or shape using the HMJ tech modular pump stands.

The touch screen interface is easy to navigate and comes complete with the industry's best features for easy dispensing, recipe book management, inventory management and reporting.

The A350 is the perfect solution for any high volume production that requires a high degree of reliability and fast throughput for filling jugs, pails or drums with the very best precision and repeatability.



NUMBER OF STATIONS:

COMPATIBLE CHEMISTRY:

TARGET CONTAINERS:

BATCH PERFORMANCE:

WEIGHT STATIONS:

VALVE POSITIONING:

VALVE CLEANING:

CONTROLS:

UTILITIES:

ANY NUMBER OF VALVES, ANY SOURCE (HMJ tech PUMP STANDS), BULK LINES, ETC.

WATER-BASED, UV-CURABLE, SOLVENT-BASED

JUGS, PAILS, DRUMS

120 SECONDS (4 USG, 4 INGREDIENTS, 1% PRECISION)

INDUSTRIAL 30kg X 0.5g [65 lbs x 0.001 lbs] and/or 300kg X 5g [650 lbs x 0.01 lbs]

MOVING HEAD, SINGLE-POINT DISPENSE

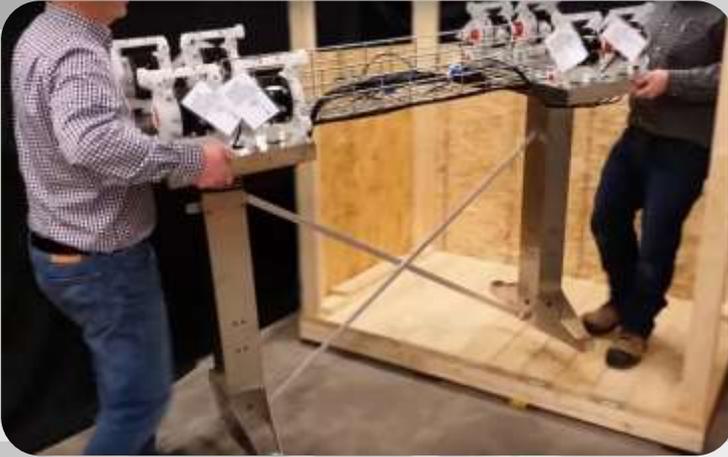
FULLY-AUTOMATED CLEANING AFTER EACH DISPENSE

INDUSTRIAL-GRADE CONTROLS, PNEUMATICS, SCALE, TOUCHSCREEN

100-240V / 6 BAR [90 PSI] DRY AIR / NETWORK CONNECTION

A350

MODULAR PUMP STANDS :



SIMPLE. STURDY. MODULAR.

Each pump farm layout is built from just a few basic modules that can be arranged to fit any room. The components ship in well-protected crates and arrive substantially pre-assembled.

Setup is a snap: Simply put the stands in place, anchor them to the floor, install bracing and hose trays, and route your hoses. A full-featured 24-station pump farm layout can easily be installed in one day.

ANY SOURCE CONTAINER...

Modular pump stands can accommodate any standard pail, with extra space below for spare inventory. The system will also interface with standard drums and fiber barrels (with or without dollies) and IBC's (totes).

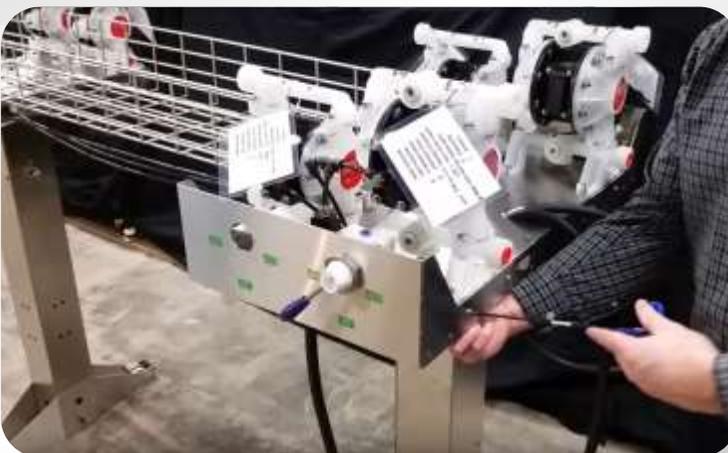
The system comes complete with all of the dip tubes and fittings for each container type so connections are secure and lids never need to be removed.



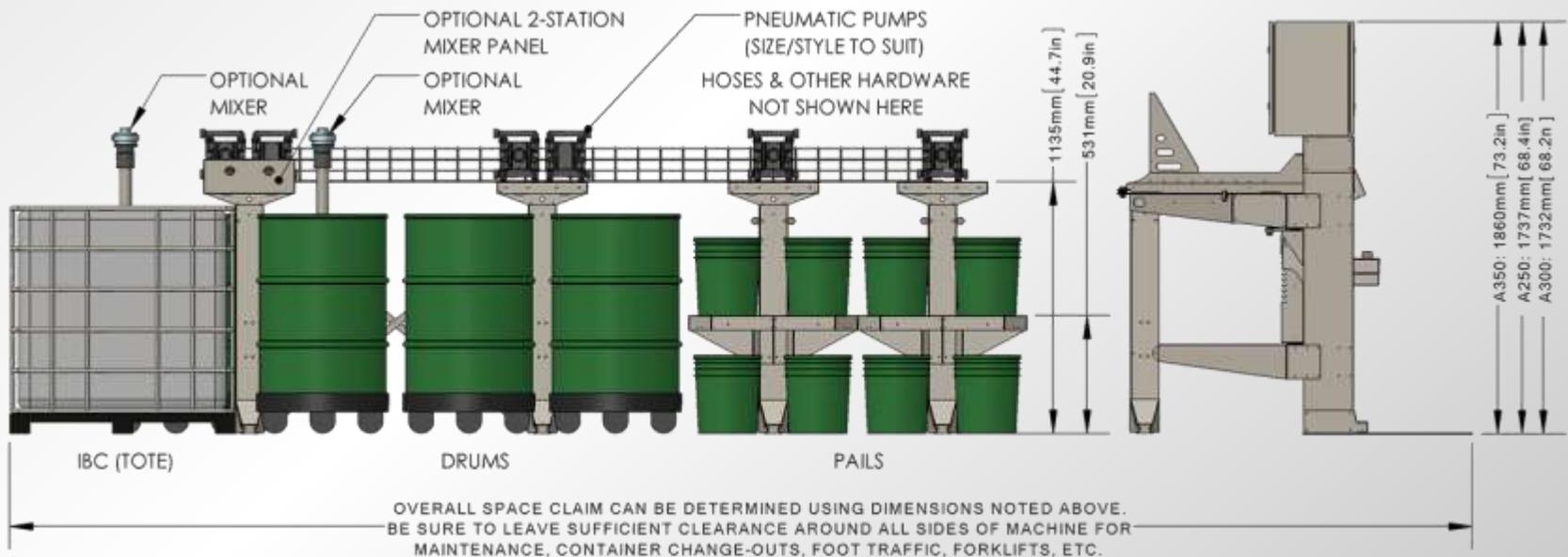
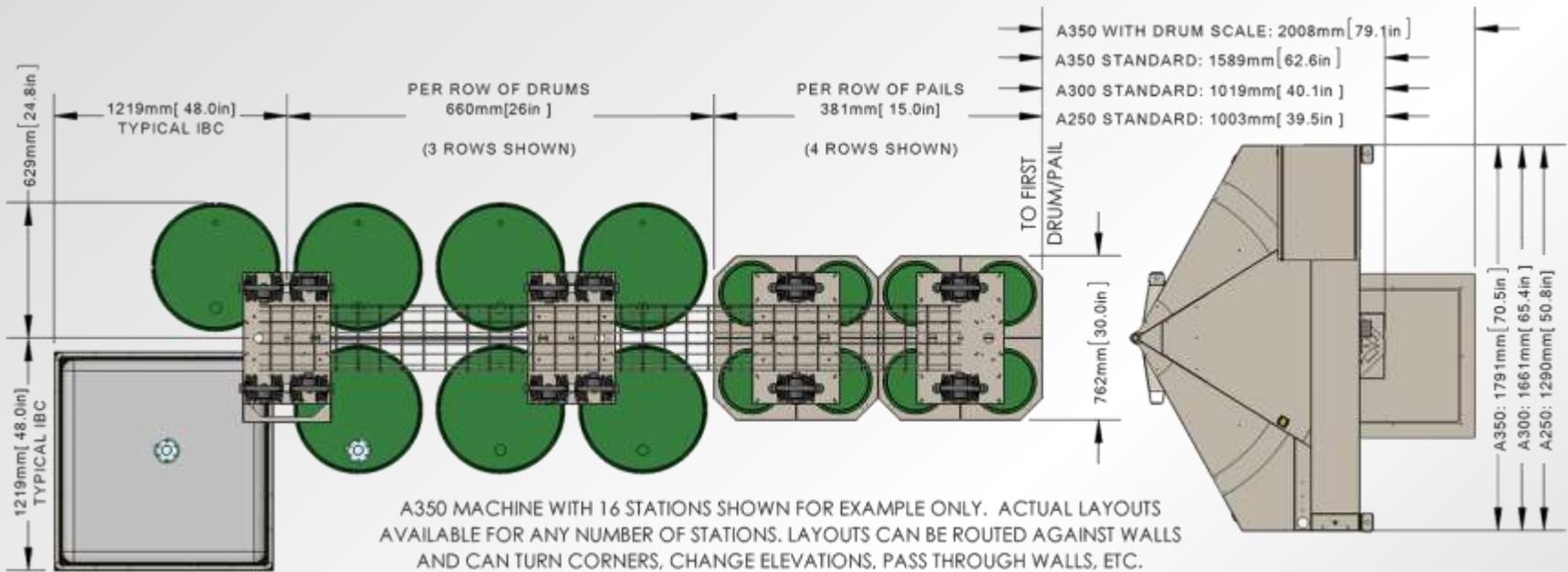
MANY OPTIONS...

The pump stand modules are configured to accept a wide variety of pump sizes and styles with sturdy mounting and convenient access for plumbing and adjustments.

The optional mixer control stations bolt on now OR later. Use your own mixers, or improve your efficiency and productivity with HMJ tech's drum/tote mixers which mount through any 2" standard bung with NO disassembly.



ANY SOURCE. ANY SPACE.



INDUSTRY'S BEST FEATURES :



At the heart of every HMJ tech automated dispenser is our patented automated valve cleaner. Compressed air is used to create a vacuum in the cleaner which induces an aggressive flow of cleaner fluid and then flushes it all through the cyclonic separator, allowing the cleaner fluid to be reused.

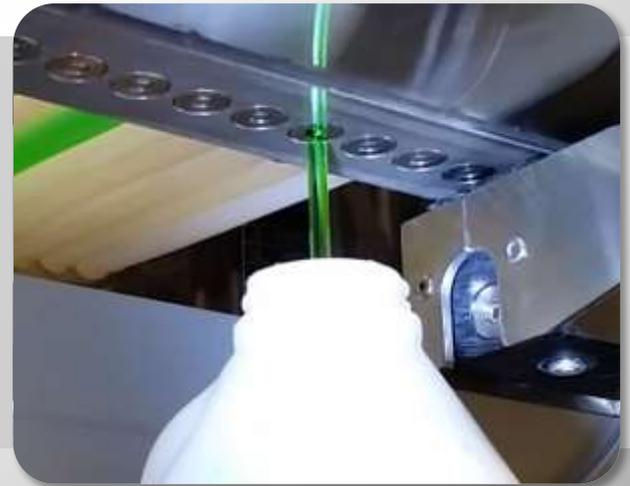
This dripless system keeps valves in top condition for reliable dispensing every time. No more soaker pans, scrapers or manual cleaning. Keep the cleaner fluid maintained and the system will do the rest for you!

**AUTOMATED
CLEANING**

**SINGLE POINT
DISPENSE**

Every HMJ tech automated dispenser has single-point dispensing. It aligns each and every valve directly over the opening of your container, no matter how small. Even small cups and narrow-neck jugs are an easy target for our precision positioning and predictable flow.

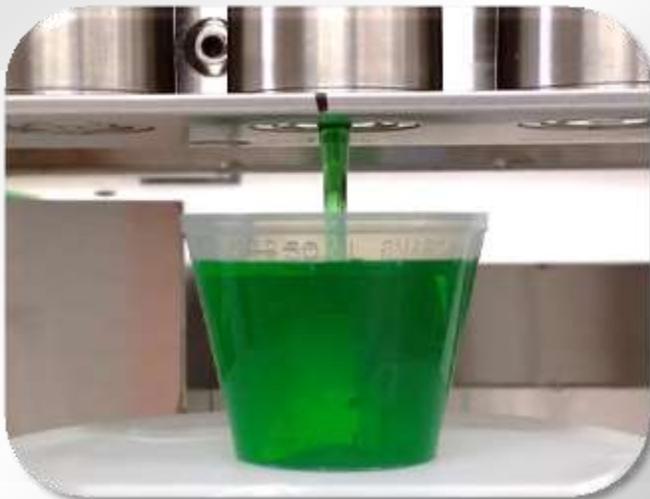
Whether you need a few ounces or a full drum, single-point dispensing will put your product in the center of your container for efficient mixing and optimum cleanliness.



HMJ tech's 200 series AND 300 series valves have been purpose built to deliver the absolute best performance for dispensing. The unique internal design ensures laminar flow and clean transitions for perfect dispenses without drips or splashes. The all-stainless steel internals are chemically passivated for maximum performance with a wide range of fluids.

The real-time algorithm of the solid-state controller allows for instantaneous transitions between flow ranges for fast, precise dispenses every time.

**REAL-TIME
DISPENSE**



FOR TOP PERFORMANCE.



HMJ tech's dispensers are designed and built to be rugged, reliable performers. Our industrial-grade machines use only industrial-grade hardware and controls, including a fanless solid-state computer, manifold-style pneumatics, industrial touch-screen monitors and industrial grade weigh platforms.

Join our growing list of end-users who have embraced the long-term benefits of systems that are designed to hold up in the most demanding environments.

**INDUSTRIAL
GRADE**

**MODULAR
DESIGN**

All of HMJ tech's dispensers are built using rugged modules with obvious connection points and easy-to-access fasteners that use common tools. Standardized designs allow for simple troubleshooting and quick delivery of spare parts.

More often than not, a dispenser is a mission-critical component that cannot sit idle. HMJ tech's dispensers are built to deliver maximum up-time for maximum return on investment.



Our touch-screen control system gives the user intuitive access to a wide range of features and options. Need a quick dispense? With just a few clicks, you can select your desired recipe and get it to production.

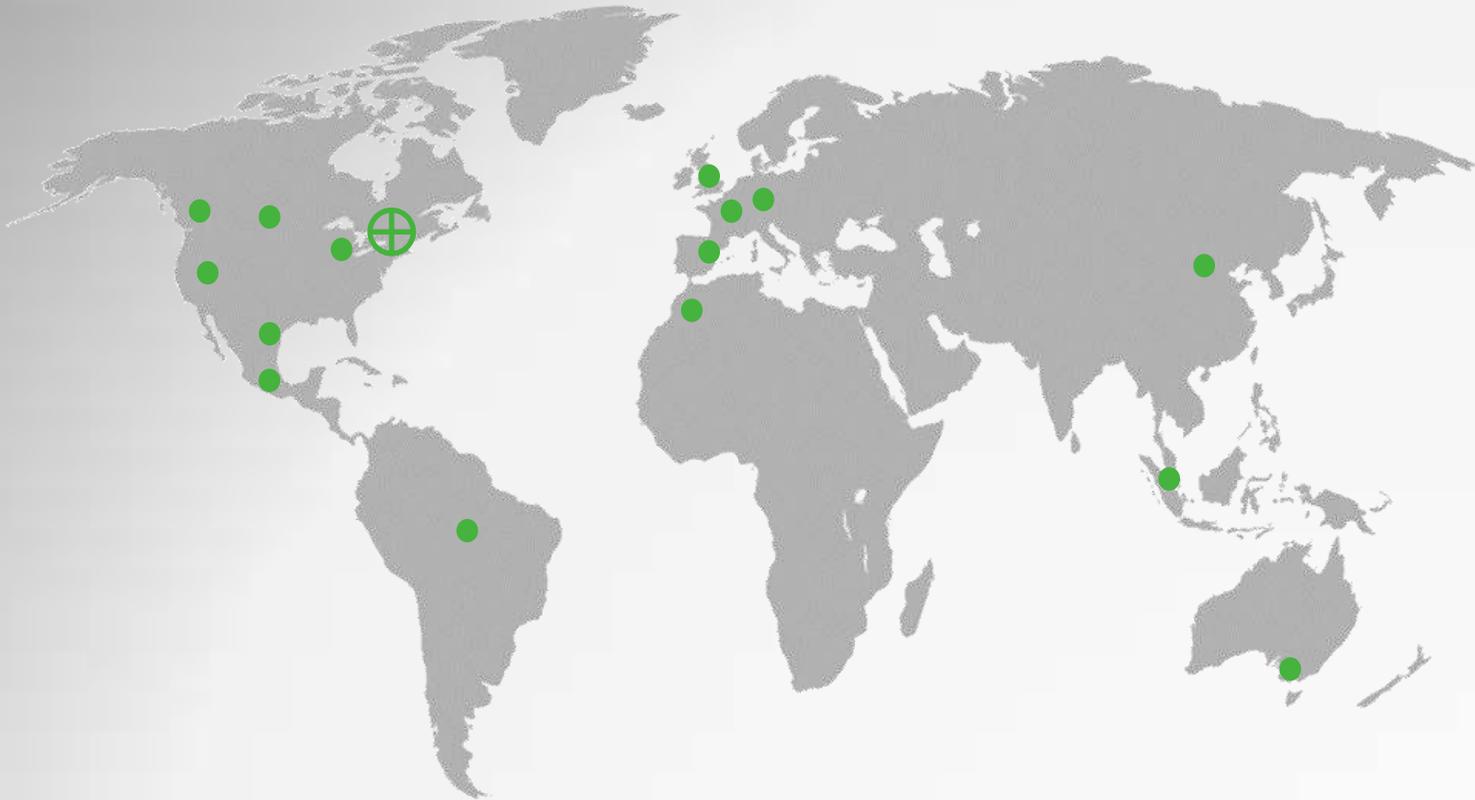
Our comprehensive software is the best in the business with easy-to-use features including multi-stage batches, on-machine inventory, lot tracking, returns and work-off, user accounts, automatic reports and MUCH MORE.

**INTUITIVE
CONTROL**



Contact HMJ tech to locate
your nearest distributor.

**GLOBAL LEADERS IN
INDUSTRIAL DISPENSING
AND MIXING SOLUTIONS**



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