



DURA PRODUCTS
Technology with Lasting Value

PRECISION DEALER SOLUTIONS

Fast. Simple. Safe.™

Select one option (①,②or③) to fit your needs

① SPEED & EFFICIENCY

Dura Auto-Batch™ Direct Injection loads multiple products simultaneously.



② VENTURI DRIVEN SYSTEM, AUTOMATE IT

Retrofit our Dura Auto-Batch™ Control Valve system that includes our Auto-Batch™ Meter & Banjo's EVX® electric valve to your existing plumbing.



③ VISUALIZE PRODUCT FILL

Dura Auto-Batch™ Easy Caddy is a semi-automatic herbicide transfer system.



Dura Auto-Batch™ Direct Injection

The Dura Auto-Batch™ Direct Injection works by direct injecting multiple herbicides into the carrier flow while the sprayer is being filled. Fast. Simple. Safe.™

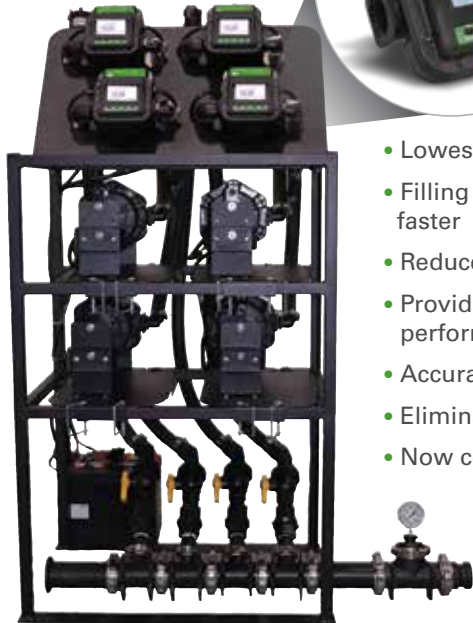


Increase PROFITABILITY



- Lowest cost automated sprayer filling system
- Filling your sprayer has never been easier or faster
- Reduces operator error and herbicide exposure
- Provides for recirculation, maximizing chemical performance
- Accurately dispenses repeatable batches
- Eliminates cross contamination
- Now comes fully assembled

Video available at www.DuraProducts.com/videos



ORDERING INFORMATION	
PRODUCT #	DESCRIPTION
DPAB-DI2V-12	2" Plumbed AB Direct Inject System 12V Viton® 4 pump
DPAB-DI2E-12	2" Plumbed AB Direct Inject System 12V EPDM 4 pump
DPAB-DI3V-12	3" Plumbed AB Direct Inject System 12V Viton® 4 pump
DPAB-DI3E-12	3" Plumbed AB Direct Inject System 12V EPDM 4 pump
DPAB-DI2V-110	2" Plumbed AB Direct Inject System 110V Viton® 4 pump
DPAB-DI2E-110	2" Plumbed AB Direct Inject System 110V EPDM 4 pump
DPAB-DI3V-110	3" Plumbed AB Direct Inject System 110V Viton® 4 pump
DPAB-DI3E-110	3" Plumbed AB Direct Inject System 110V EPDM 4 pump

- Always turn pump off and disconnect system from power when not in use.
- Never leave unattended while in use.
- Always close manual valves at the bottom of the system when not in use.



Reduced our sprayer load time by more than 78%.

-Woodward Farms

AUTOMATED FILL USING DURA AUTO-BATCH™ DIRECT INJECTION

Austin Woodward / Woodward Farms

Hagie STS12, 1200 Gallon Capacity, 3" Plumbing

PRODUCTS DIRECT INJECTED			PRODUCTS INJECTED
Atrazine 4L	27.5 gal per fill	1 qtA	Callisto (added from 1 gal jug)
Durango DMA	20.5 gal per fill	1.5 ptA	Zidua SC (added from 1 gal jug)
Class Act NG	20.5 gal per fill	1.5 ptA	Interlock (added from 2.5 gal jug)

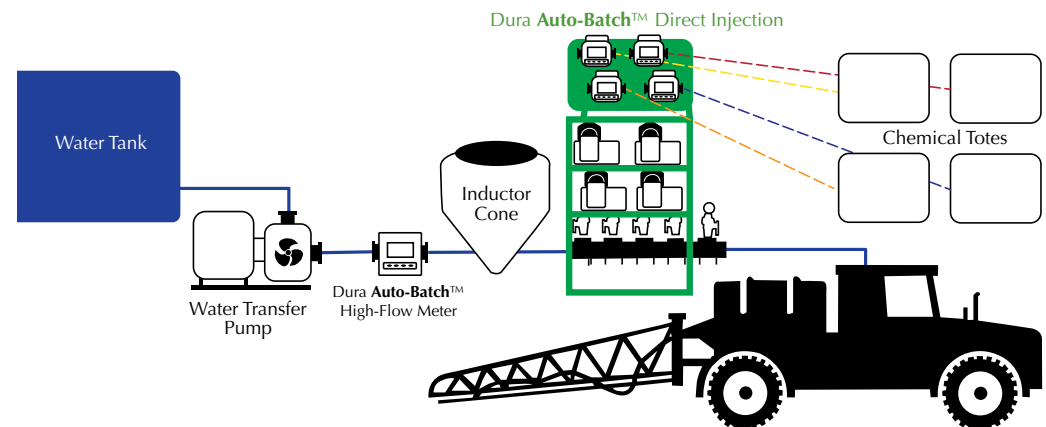
68.5 GALLONS OF PRODUCT INJECTED INTO CARRIER STREAM WITH DURA AUTO-BATCH™ DIRECT INJECTION

DURA AUTO-BATCH™ DIRECT INJECTION Time 3 minutes 45 seconds

Sprayer Fill Time 6 minutes 15 seconds

How It Works

- 1 Turn meter screen on by pressing any button, the "Power" light will be on if connected to power.
- 2 Press Auto
- 3 Set Amount
- 4 Press Start (this puts meter into Auto-Batch mode, "Run" light will come on)
- 5 The pump will begin to dispense fluid & automatically shuts off when complete

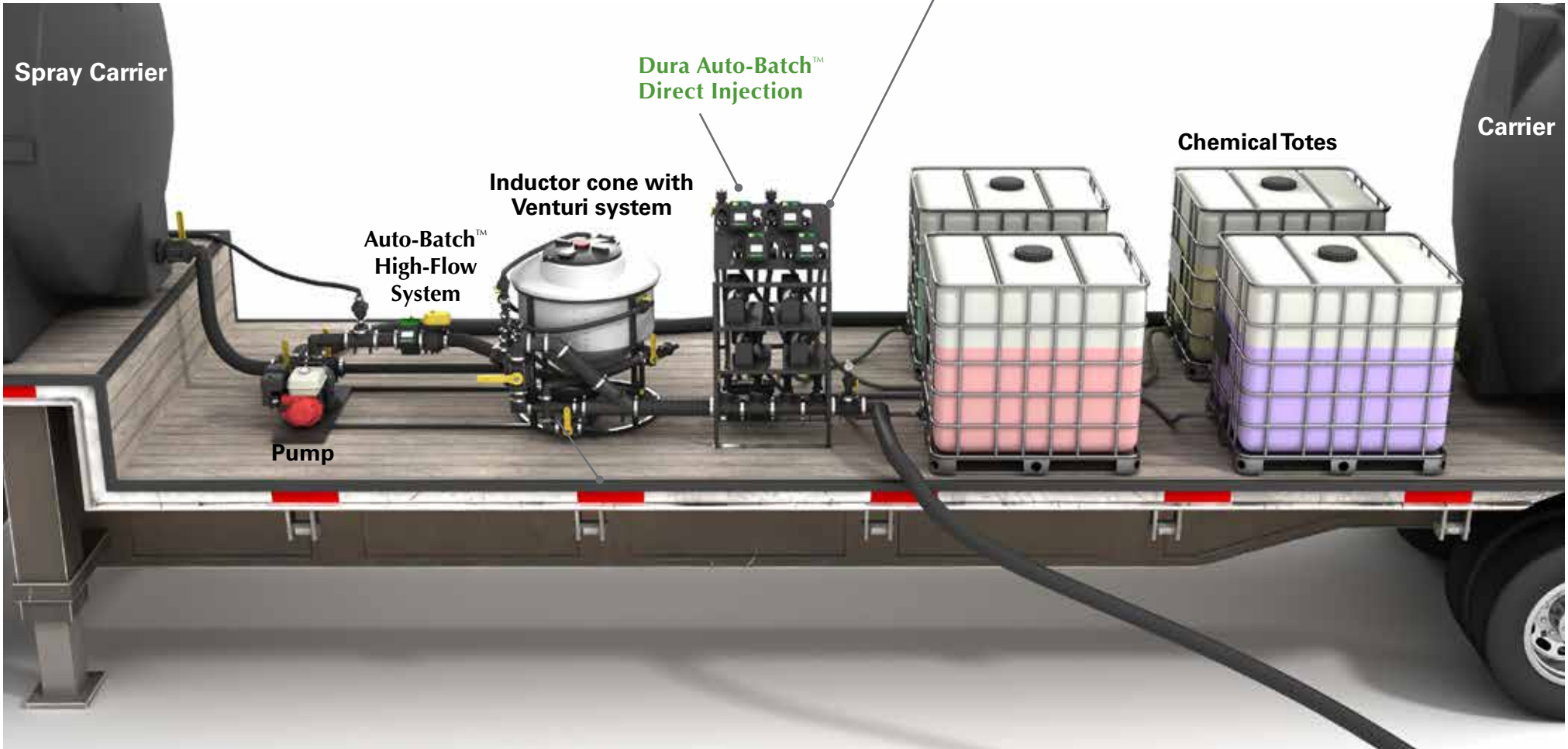




Separate the Dura Auto-Batch™ Direct Injection frame into 2 pieces; and mount the meters to be within easy reach from the ground.



The Dura Auto-Batch™ Direct Injection system is customizable, design it with any number of Auto-Batch™ systems, and expand it as needed.



Dura Auto-Batch™ Control Valve and Banjo® EVX®

VENTURI-BASED SYSTEM, AUTOMATE IT

Retrofit our Dura Auto-Batch™ Control Valve system to your existing plumbing that has the venturi-draw on the discharge side of pump and direct plumbed to suction side of main transfer pump. The system includes our Dura Auto-Batch™ Meter and Banjo's EVX® electric ball valve.



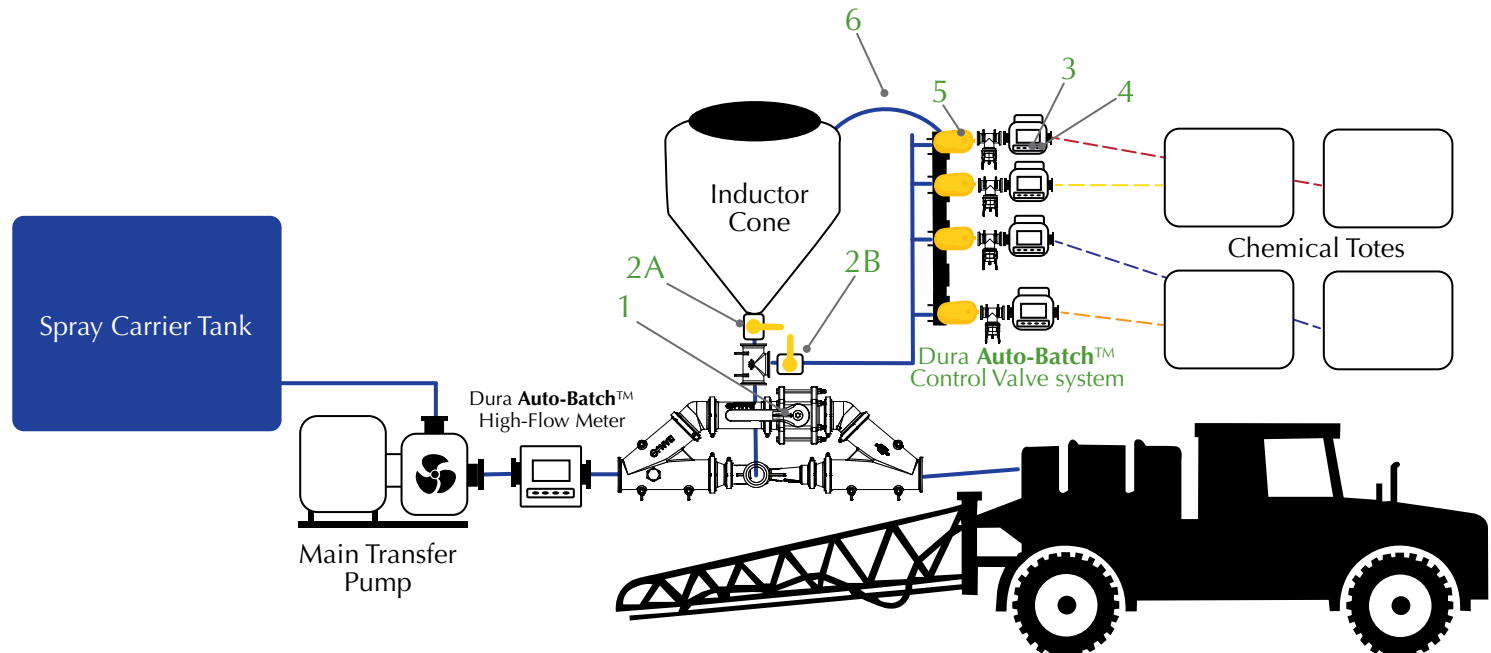
ORDERING INFORMATION		
PRODUCT #	PRODUCT #	PRODUCT #
DURA-ABV-B	MEVX100B	DURA-ABV MEVX Connector Kit
DESCRIPTION	DESCRIPTION	DESCRIPTION
Dura Auto-Batch™ Meter with Banjo Connector	Banjo MEVX Manifold Valve	Dura-ABV MEVX Manifold Accessory Plumbing Kit

*Always turn pump off and disconnect system from power when not in use.
Never leave unattended while in use.*

How It Works

- 1 Close Valve 1 to activate the venturi.
 - 2A Open Valve 2A to add material (AMS, jugged product) from inductor cone.
 - OR
 - 2B Open Valve 2B to pull in chemicals directly from totes through Auto-Batch Control Valve system
 - 3 Select the volume desired on each meter
 - 4 Press START on each meter
 - 5 Banjo EVX® Valve will open, fluid is measured and valve automatically closes upon batch completion.
 - 6 Recommended water line to flush plumbing after each batch.
- *Recommend closing valves on source totes between batches.

DURA-ABV™-B TECHNICAL SPECIFICATIONS	
Operating Temp	-10° F to 130° F, -23° C to 54° C
Flow Rate	2 to 22GPM, 7.5 to 83LPM
Meter Accuracy	+/- .5%
Backlit LCD Display	Yes; with back-light timeout
Max Pressure	40 PSI
Power Source	4 "AAA" batteries; strength indicator
Wetted Materials	Polypropylene; 304 Stainless Steel; Ryton; Viton® seals
Housing Chamber	Polypropylene
Moisture Sealed	Yes; with sealed circuitry
Batch Count	Yes
Total Count	Yes
Units Measured	Gallons, Liters and Ounces
Chemically Resistant	Yes
Calibration	Preset, Quick List or Manual
Saved Calibrations	5
Dimensions	5-1/4" W x 7-1/4" H x 4-1/4" D
Weight	1.5 lbs



SIMPLE

- Select volume desired
- Press START
- Banjo EVX® Valve will open, fluid is measured and valve automatically closes upon completion

SMART

- Eliminates operator error and herbicide exposure
- Inventory management
- Ability to save up to five calibrations and measure in gallons, liters and ounces

ECONOMICAL

- Consists of a Dura Auto-Batch™ Control Valve and Banjo EVX® Valve
- Multiple units can be used in manifold application
- Ideally suited with venturi driven chemical handling system



VERSATILITY
Mount ABV vertically or horizontally

Video available at
www.DuraProducts.com/videos

Spray Carrier

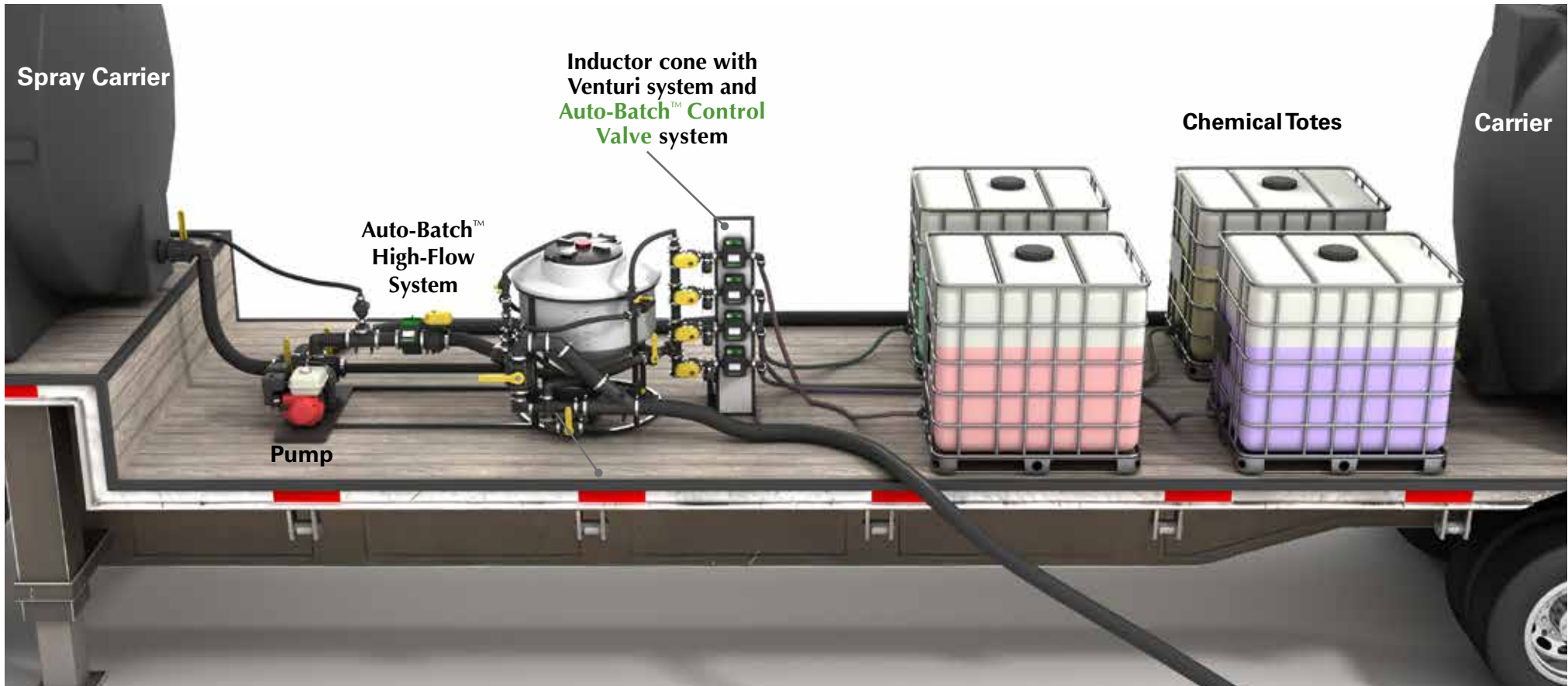
Inductor cone with
Venturi system and
Auto-Batch™ Control
Valve system

Auto-Batch™
High-Flow
System

Pump

Chemical Totes

Carrier



Dura Auto-Batch™ Easy-Caddy

The Dura Auto-Batch™ Easy Caddy is a semi-automatic herbicide transfer system.



Tanks, Totes and Drums sold separately.



How It Works

- 1 Turn meter screen on by pressing any button, the "Power" light will be on if connected to power.
- 2 Press Auto
- 3 Set Amount
- 4 Press Start (this puts meter into Auto-Batch mode, "Run" light will come on)
- 5 The pump will begin to dispense fluid & automatically shuts off when complete

- High-flow pump with up to 18GPM/68LPM flow rate
- Optimized for repeatable batching; return to the last volume amount dispensed
- Includes Dura-Meter™ with impact resistant Lexan™ faceplate
- Available in 12 Volt or 110 Volt, and Viton®, EPDM, or Silicone options
- Measures in gallons, liters and ounces
- Includes a 2-year Warranty & Maintenance Program



Plumb our Auto-Batch™ Easy-Caddy system to every tote in an existing batch mixing system.

ORDERING INFORMATION

12 VOLT	110 VOLT
DPABS-6318V-12 Viton®	DPABS-6318V-110 Viton®
DPABS-6318E-12 EPDM	DPABS-6318E-110 EPDM
DPABS-6318S-12 Silicone	DPABS-6318S-110 Silicone

Always turn pump off and disconnect system from power when not in use.



2" AND 3" AUTO-BATCH™ HIGH-FLOW SYSTEM

Fast. Simple. Safe.™

WATER LOAD, AUTOMATION

HIGH-FLOW DURA-METER™

is a reliable water meter between the pump and mixing system.



Moisture
sealed circuitry.



Auto-Batch™ Features

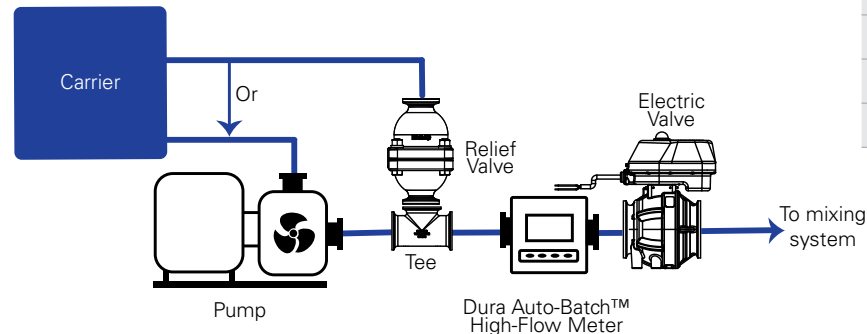
- Controls carrier flow using a 12-volt DC electric ball valve
- Easily select manual or automatic operation
- Returns to last volume amount dispensed for easy repeatable batching
- Displays message when batch is completed
- Relief valve plumbing kit for use with electric valve
- Banjo® EVX® 2" or 3" Valves available for tank bypass system

Special Features

- Field serviceable
- 100% moisture-sealed circuitry
- Ability to save up to five manual calibrations
- Option to display batch volume, total volume, and flow rate
- Volume measured can be displayed in Liters or Gallons
- Faceplate can be rotated in 90 degree increments
- Ability to calibrate allows for industry minimum straight line before/ after meter

ORDERING INFORMATION		
2"	DPAB-HFM2KITV Viton®	DPAB-HFM2KITE EPDM
3"	DPAB-HFM3KITV Viton®	DPAB-HFM3KITE EPDM

SYSTEM CONTAINS	
Valves	Custom Pressure Relief & Electric Valve
Meter	Auto-Batch™ High-Flow Meter
Other	All hose clamps, gaskets, reducer couplings, and tees.



SPECIFICATIONS	2"	3"
Nominal Size	2"	3"
Model	DPAB-HFM2	DPAB-HFM3
Connection	M220 flange	M300 flange
Meter Accuracy	+/- 0.5% *	+/- 0.5% *
Fluid Flow Initiates Measurement	Yes	Yes
Battery Size/Voltage	(2) 9 Volt	(2) 9 Volt
Battery Life Indicator	Yes	Yes
Backlit Display	Yes	Yes
Maximum Pressure	150 PSI	150 PSI
Minimum GPM	40	80
Maximum GPM	300	700
Minimum Temp	+ 32 °F	+ 32 °F
Maximum Temp	+ 140 °F	+ 140 °F
Meter Type/Style	Paddlewheel	Paddlewheel
Body Construction Material	GF Polypropylene	GF Polypropylene
Paddle Wheel Bearing	Sapphire	Sapphire

* With manual calibration

DRONE FILL KITS

- Softer fluid transfer without causing shear on the encapsulation
- Self-priming diaphragm with internal by-pass
- High-flow Dura-Pump 15gpm mounted in Easy Caddy frame
- Kit comes with 20' discharge, 5' suction hose and required fittings
- Includes key FOB (12V only) to enable and disable power to the pump remotely.
- Standard discharge ball valve nozzle
- Optional ¾" poly auto-nozzle with stainless steel spout
- Includes a 2-year Warranty & Maintenance Program



ORDERING INFORMATION

12 VOLT WITH KEY FOB	110 VOLT NO KEY FOB	OPTIONAL AUTO-NOZZLE
DPDRONE-6018V-12 Viton®	DPDRONE-6018V-110 Viton®	DP-N4005

Always turn pump off and disconnect system from power when not in use. Tanks & Totes sold separately.

AUTO-BATCH™ DRONE HOT LOAD SYSTEMS

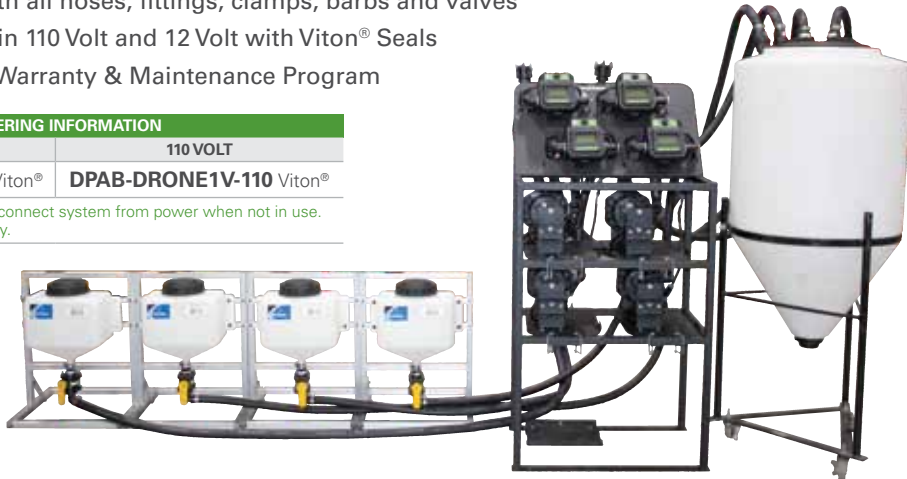
Fast. Simple. Safe.™

- Softer fluid transfer that minimizes shear when transferring formulations with encapsulation
- Self-priming diaphragm pumps with internal by-pass
- 4 High-flow Dura-Pumps™ (18gpm) mounted in Direct Injection frame
- 4 Dura Auto-Batch™ Meters mounted in Direct Injection frame
- System comes with all hoses, fittings, clamps, barbs and valves
- System available in 110 Volt and 12 Volt with Viton® Seals
- Includes a 2-year Warranty & Maintenance Program

ORDERING INFORMATION

12 VOLT	110 VOLT
DPAB-DRONE1V-12 Viton®	DPAB-DRONE1V-110 Viton®

Always turn pump off and disconnect system from power when not in use. Tanks & Cones sold separately.



BENEFITS OF EFFICIENT SPRAYER LOADING

In almost all agronomic practices, timing is key. There are certain, and often small, windows of opportunity for getting a task done without losing yield potential or product quality. Weed specialists talk about early weed removal, pathologists talk about symptom monitoring, and entomologists remind us of economic thresholds. Acting at the right time is fundamental.

- Enhanced Productivity: Reducing fill time from 20 to 10 minutes significantly increases acres covered per hour.
- Improved Efficiency: Less time spent filling leads to more time spraying, boosting overall efficiency.
- Quality Maintenance: Faster filling does not compromise the quality of the spray job.
- Cost-Effective: Increases productivity without the need for faster travel speeds, which can lead to drift and uneven coverage.

*Used with permission from Sprayers101.com



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www.DuraProducts.com

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