



DURA PRODUCTS

Technology with Lasting Value

TENDER TRAILER SOLUTIONS

CONE SYSTEM, AUTOMATE IT

Retrofit our **DURA-ABV™-B** Auto-Batch Valve to your existing suction plumbing.



WATER LOAD, AUTOMATION

HIGH-FLOW DURA-METER™ is a reliable water meter between the pump and mixing system.



SPEED & EFFICIENCY

DURA-ABS™ DI

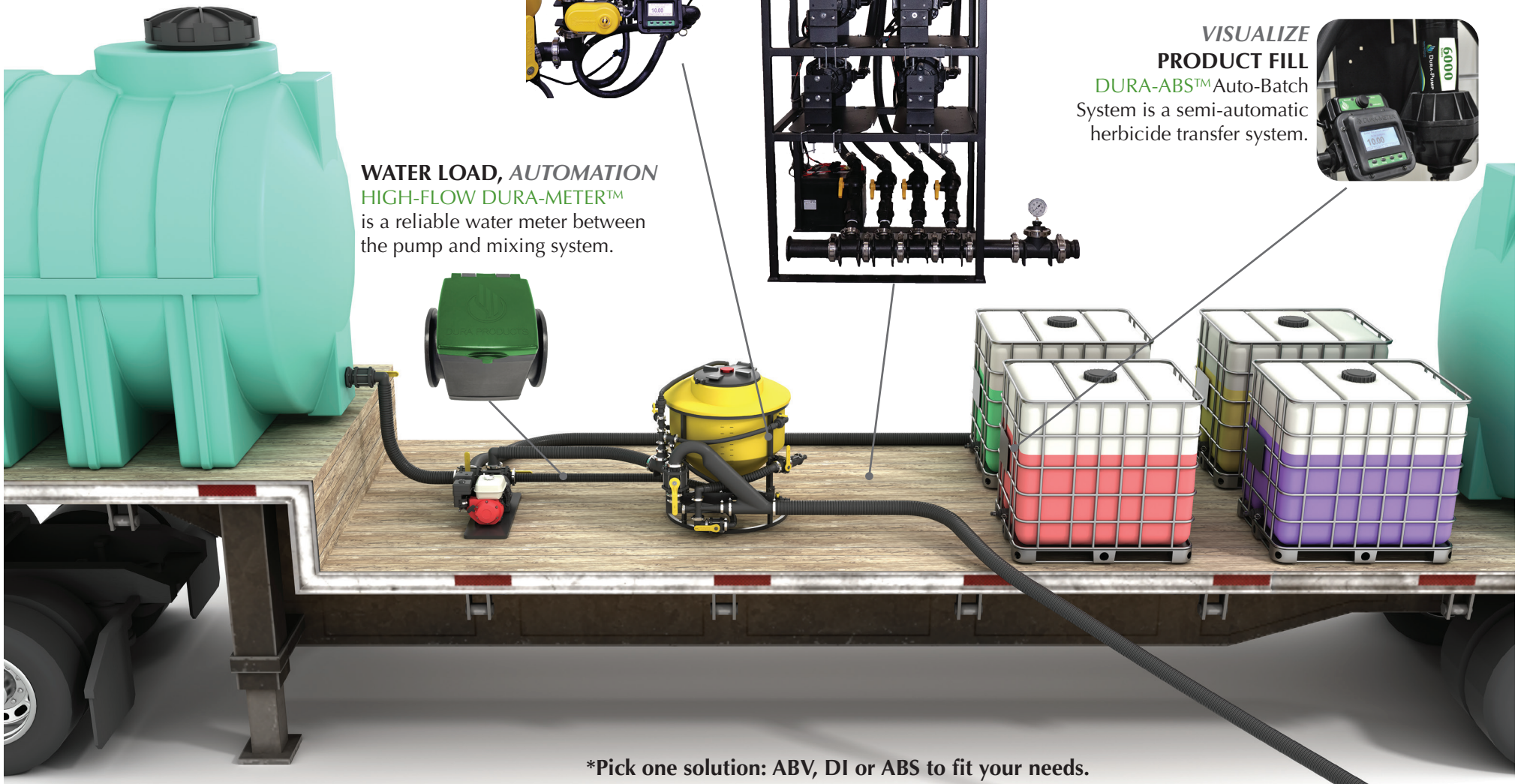
Auto-Batch System Direct Injection loads multiple products simultaneously.



VISUALIZE

PRODUCT FILL

DURA-ABS™ Auto-Batch System is a semi-automatic herbicide transfer system.



*Pick one solution: ABV, DI or ABS to fit your needs.

DURA-ABS™ DI Automated Direct Injection

AUTO-BATCH SYSTEM DIRECT INJECTION



The Dura Auto-Batch System DI (Automated Direct Injection) works by direct injecting multiple herbicides into the carrier flow while filling the sprayer.

Increase PROFITABILITY



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

Video available at www.DuraProducts.com/videos

ORDERING INFORMATION		
PRODUCT #	QTY	DESCRIPTION
DPABS-6318**	1-4	DURA-ABS™ Auto-Batch System
Dura-ABS DI 2" Kit OR Dura-ABS DI 3" Kit	1-4 1 PER DURA-ABS™	2" Accessory Kit OR 3" Accessory Kit
Dura-ABS DI 2" Gauge Kit OR Dura-ABS DI 3" Gauge Kit	1	2" Gauge Kit OR 3" Gauge Kit
DP-P4040 DI	1	DI Frame

**Available in 12V or 110V with Viton®, EPDM, or Silicone Seals

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

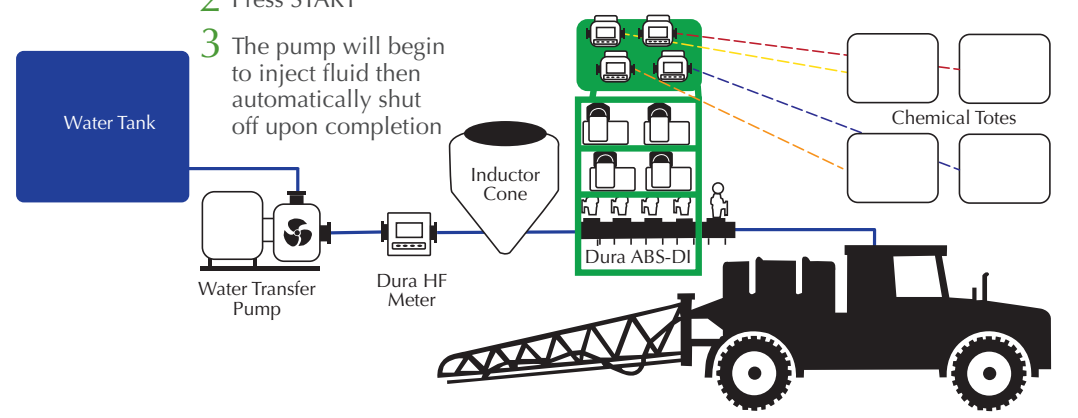


Reduced our sprayer load time by more than 78%.
-Woodward Farms

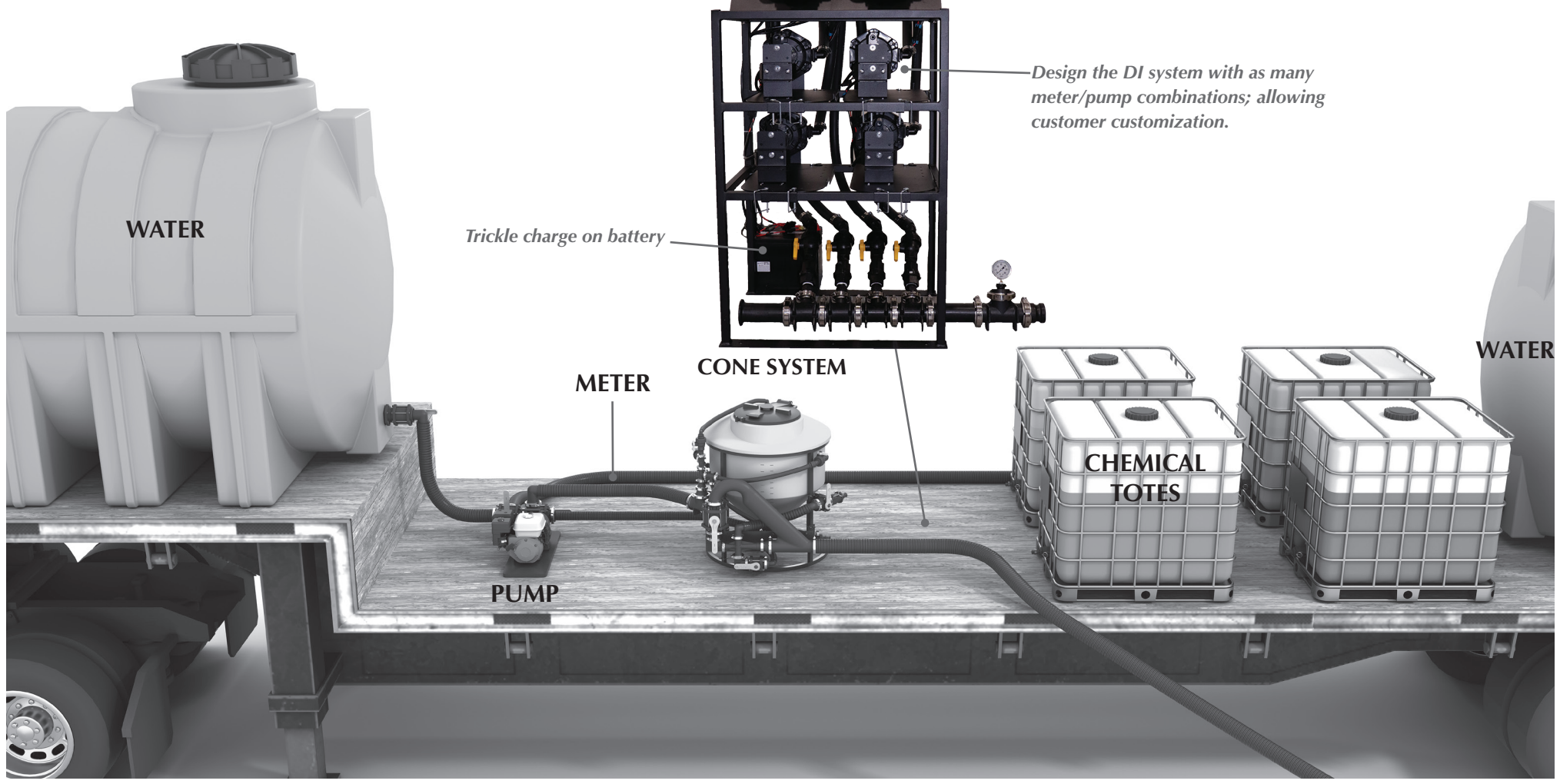
AUTOMATED DIRECT INJECTION FILL USING DURA-ABS™ DI				
Austin Woodward / Woodward Farms				
Hagie STS12, 1200 Gallon Capacity, 3" Plumbing				
PRODUCTS DIRECT INJECTED		PRODUCTS INDUCED		
Atrazine 4L	27.5 gal per fill 1 qtA	Callisto (added from 1 gal jug)		
Durango DMA	20.5 gal per fill 1.5 ptA	Zidua 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 DI				
DURA-ABS™ DI Injection Time 3 minutes 45 seconds				
Sprayer Fill Time 6 minutes 15 seconds				

How It Works

- 1 Select the volume desired
- 2 Press START
- 3 The pump will begin to inject fluid then automatically shut off upon completion



Separate the DI frame into 2 pieces; and mount the meters to be within easy reach from the ground.



Design the DI system with as many meter/pump combinations; allowing customer customization.

DURA-ABV™ and BANJO® EVX®

CONE SYSTEM, AUTOMATE IT

Retrofit our DURA-ABV™-B Auto-Batch Valve to your existing suction plumbing to automatically measure, mix and control chemical transfer.



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	SMART	ECONOMICAL
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- | | | |
|--|---|---|
| <ul style="list-style-type: none"> / Select volume desired / Press START | <ul style="list-style-type: none"> / Eliminates operator error and herbicide exposure / Inventory management / Ability to save up to five calibrations and measure in gallons, liters and ounces upon completion | <ul style="list-style-type: none"> / Consists of a DURA-ABV™ and Banjo EVX® Valve / Multiple units can be used in manifold application / Ideally suited with venturi driven chemical handling system |
|--|---|---|

ORDERING INFORMATION		
PRODUCT #	PRODUCT #	PRODUCT #
DURA-ABV-B	MEVX100B	DURA-ABV MEVX Connector Kit
DESCRIPTION	DESCRIPTION	DESCRIPTION
Dura-ABV™ 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.



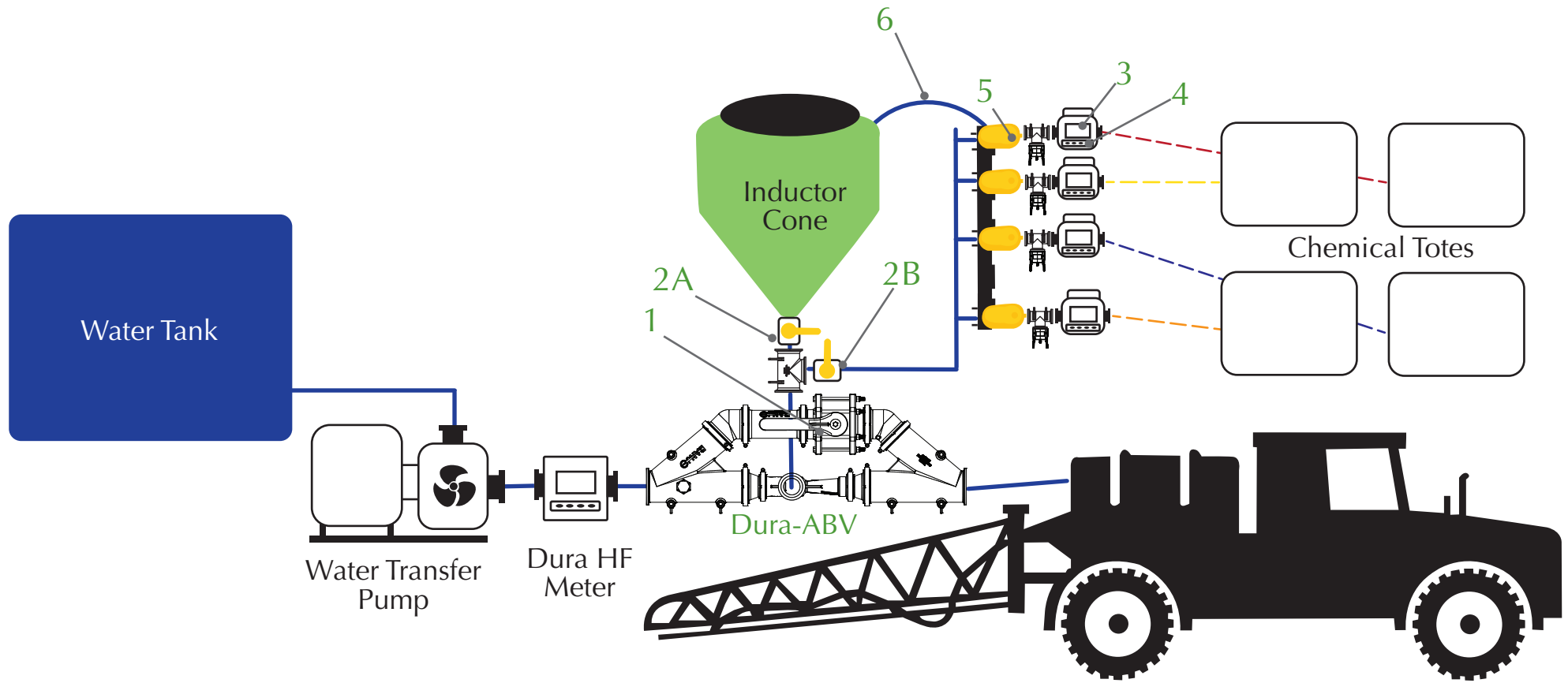
How It Works

- 1 Turn Valve 1 to close to activate the venturi.
- 2A Turn Valve 2 to open (to add material that's in inductor cone)
- OR
- 2B Manual Valve B to open (to pull in chemicals from totes)
- 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.



VERSATILITY
Mount ABV vertically or horizontally
Video available at www.DuraProducts.com/videos



DURA-ABS™ AUTO-BATCH SYSTEM

Tanks, Totes and Drums sold separately.

VISUALIZE PRODUCT FILL

DURA-ABS™ Auto-Batch System is a semi-automatic herbicide transfer system.



How It Works

- 1 Select the volume desired
- 2 Press START
- 3 The pump will begin to dispense fluid then automatically shut off upon completion

- / Intuitive interface allows for the selection of manual or automatic operation with the flip of a switch
- / High-flow pump with up to 18GPM/68LPM flow rate
- / Optimized for repeatable batching; return to the last volume amount dispensed
- / 100% moisture-sealed circuitry
- / 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

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.



"I've got six plumbed to an inductor. It **works** great, and **saves** me time when mixing batches."
-Don, Nutrien Ag Solutions



Plumb our ABS to every tote and an existing batch mixing system.

2" and 3" HIGH-FLOW DURA-METER™

WATER LOAD, AUTOMATION

HIGH-FLOW DURA-METER™ is a reliable water meter between the pump and mixing system.

- / Intuitive menu-driven backlit display
- / 100% Moisture-sealed circuitry
- / Includes a 2-year Warranty & Maintenance Program
- / Easily serviced
- / Fluid flow initiates measurement
- / Displays batch and total volume in Gallons / Liters

2" High-Flow
Dura-Meter™



3" High-Flow
Dura-Meter™



Moisture
sealed circuitry.



2" HIGH-FLOW AND 3" HIGH-FLOW COMPARISON

Specifications	2"	3"
Nominal Size	2"	3"
Model	DP-HFM2	DP-HFM3
Connection	M220 flange	M300 flange
Meter Accuracy	+/- 0.5%	+/- 0.5%
Non-conductive Fluids	Yes	Yes
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 Bearing Construction Material	Sapphire	Sapphire
Electrodes Construction Material	No	No
Straight Inlet *	7" *	7" *
Straight Outlet *	7" *	7" *
Field Calibration Capability *	Yes *	Yes *

* Must calibrate to achieve +/- 0.5% Accuracy

SPECIFICATIONS		
Nominal Size	2"	3"
Connection	M220 Flange	M300 Flange
Model	Dura HFM 2	Dura HFM 3
Batteries	(2) 9 Volt	(2) 9 Volt
Accuracy	+ / - 0.5%	+ / - 0.5%
Backlit Display	Yes	Yes
GPM	40 - 300	80 - 700
Maximum Pressure	150 PSI	150 PSI
Wetted Materials	GF Polypropylene, Viton®, EPDM or Silicone seal, Sapphire	GF Polypropylene, Viton®, EPDM or Silicone seal, Sapphire

ORDERING INFORMATION			
2"	DP-HFM2V Viton®	DP-HFM2E EPDM	DP-HFM2S Silicone
3"	DP-HFM3V Viton®	DP-HFM3E EPDM	DP-HFM3S Silicone

DURA-PUMP™ EASY CADDY

Tanks, Totes and Drums sold separately.



TOP MOUNT
Easy Caddy secured on top of tote if not stacking



SIDE MOUNT
Easy Caddy secured on side of tote for easy stacking



BOTTOM MOUNT
Easy Caddy used from the bottom of tote for easy stacking



DRUM
Easily converted to a 30/55-Gallon Drum



MONSANTO TANK
Easily converted to a MTS



SNYDER TANK
Easily converted to a GEM Cap

1 SYSTEM USE IT 6 WAYS

- / The Easy Caddy can be mounted in six different configurations on a variety of tank/tote and drum types
- / Use it mounted on top of a tank or on top of a 30/55-Gallon Drum, on the side of tank, or off the ground depending on user preference
- / Conversion kits are available to mount a system on Monsanto or Snyder type tanks
- / Includes a 2-year Warranty & Maintenance Program

ORDERING INFORMATION	
12 VOLT WITH METER	110 VOLT WITH METER
DPEM-6318V-12 Viton®	DPEM-6318V-110 Viton®
DPEM-6318E-12 EPDM	DPEM-6318E-110 EPDM
DPEM-6318S-12 Silicone	DPEM-6318S-110 Silicone
12 VOLT NO METER	110 VOLT NO METER
DPE-6018V-12 Viton®	DPE-6018V-110 Viton®
DPE-6018E-12 EPDM	DPE-6018E-110 EPDM
DPE-6018S-12 Silicone	DPE-6018S-110 Silicone

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



PUMPING SYSTEM CONTAINS	
Pump	High-Flow Dura-Pump™
Suction Hose	1" x 5ft, 1.5m
Discharge Hose	1" x 12ft, 3.6m
Nozzle	Ball valve
Camlock	2"
Meter	Dura-Meter™ (optional)
Other	All hose clamps, barbs and nipples