



# DURA-ABS™ **DI** Automated Direct Injection

## AUTO-BATCH SYSTEM DIRECT INJECTION

The DURA-ABS™ **DI** Direct Injection System is the most cost effective solution on the market to automate the filling process!

### COMPETITIVE COMPARISON

	DURA-ABS™ <b>DI</b>	QuickDraw	Mixmate	Pit Stop	Cone with Venturi Plumbing
Purchase Price MSRP	\$ < \$7K	\$\$\$ < \$35K	\$\$\$ < \$30K	\$\$ < \$12K	\$ < \$5K
Load Time	≈ 6 mins	≈ 6 mins	≈ 6 mins	≈ 7 mins	≈ 20 mins
Automated	✓	✓ Optional	✓	✗	✗
Recirculation Abilities	✓	✗	✗	✗	✗
Direct Injection	✓	✗	✗	✗	✗

"For the base condition...less than half the time (48%) was spent spraying...Decreasing load time from 20 to 10 minutes...was the productivity winner, resulting in 62% of on-field time spraying."

-Tom Wolf: Sprayers101.com



# DURA-ABS™ **DI** Automated Direct Injection

## AUTO-BATCH SYSTEM DIRECT INJECTION

Don't mortgage the farm to automate your filling process!!  
Just upgrade your current 2" or 3" system.



Direct inject herbicides into the carrier flow.

### Example Fill - 1,000 gallon batch size

- 37.5 gallons of SureStart®
- 37.5 gallons of Atrazine
- 25.0 gallons of Glyphosate
- 12.5 gallons of 2,4-D

- / All herbicides direct injected simultaneously
- / 1,000 gallon batch filled in less than 5 1/2 minutes with 2" plumbing

### 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

Video available at [www.DuraProducts.com/videos](http://www.DuraProducts.com/videos)

ORDERING INFORMATION		
PRODUCT #	QTY	DESCRIPTION
DPABS-4312V**	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 EPDM, Viton® or Silicone Seals

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

Never leave unattended while in use.



# DURA-ABS™ **DI** Automated Direct Injection

## AUTO-BATCH SYSTEM DIRECT INJECTION

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



### DURA-ABS™ **DI** (Automated Direct Injection)

- / 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

Increase PROFITABILITY with a Dura-ABS™ **DI** Direct Injection

Video available at [www.DuraProducts.com/videos](http://www.DuraProducts.com/videos)



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Automate for increased **Profitability**

**DURA-ABS™** **DI** Automated Direct Injection



**Direct inject herbicides into the carrier flow.**

- / Lowest cost automated sprayer filling system
- / Reduction of sprayer load time by up to 80%
- / Automated; operator can multi-task
- / Provides recirculation, maximizing chemical performance
- / Simultaneously direct injects chemicals
- / Accurately dispenses repeatable batches

*"Great filling system. Went from 20 minutes load time with two people to less than 7 minutes by myself using the Dura Direct Injection System. It also allows me to multi-task while filling my sprayer. Takes hours off my machine and keeps me in the field."*

- Austin Woodward, Woodward Farms

Video available at [www.DuraProducts.com/videos](http://www.DuraProducts.com/videos)

What a **Real User** is saying about the **DURA-ABS™ DI Direct Injection...**



**AUTOMATED DIRECT INJECTION FILL USING DURA-ABS™ DI**  
Austin Woodward / Woodward Farms

**Hagie STS12, 1200 Gallon Capacity, 3" Plumbing**

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

**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

Woodward Farms video available at [www.DuraProducts.com/videos](http://www.DuraProducts.com/videos)

*"When it comes to spraying we want to be safe and quick. With the Dura-ABS Automated Direct Injection, we not only have less exposure to chemicals, but we've reduced our sprayer load time by more than 78%."*

- Austin Woodward, Woodward Farms

The **DURA-ABS™ DI Direct Injection** gives you a high return on your investment.

- / Return on Investment in less than 9 spraying days
- / Maximize the capacity of existing equipment
- / Reduce labor and machinery costs
- / Optimize loading efficiency for narrow application windows

Calculate your own Additional Spraying Capacity with the **DURA-ABS™ DI Direct Injection**

Additional Spraying Capacity per Day		Woodward Farms Savings	Your Savings
System Sprayer Fill Time (mins)		20 min	
DURA-ABS DI Sprayer Fill Time (mins)	-	6.25 min	6.25
Mins Saved per Fill	=	13.75 min	
Fills per Day	x	5	
<b>Mins Saved per Day</b>	=	<b>68.75 mins</b>	
Acres Sprayed per Hour		100.00 ac	
Additional Capacity per Day*		115.00 ac	
Chemical Application Rate / Acre**	x	6.69	
Spraying Days	x	9.00	
<b>Savings After 9 Spraying Days</b>	=	<b>\$ 6,924.15</b>	<b>\$</b>

\*minutes saved per day / 60 x acres sprayed per hour  
\*\*2017 Indiana Farm Custom Rates (Purdue University)

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**DURA PRODUCTS**  
Technology with Lasting Value  
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