

# *Product Catalog*



**Dohrmann**  
*Enterprises, Inc.*

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## *Who are we?*

We are located in Stearns County, Dohrmann Enterprises, Inc. is located in the heart of Minnesota's dairy country. It is a second generation business, and was founded in 1996. We have a dedicated team, who take pride in their work, and are committed to delivering quality products to each of our customers.



## *Why are we different?*

Because we:

- Specialize in application systems used for forage additives and preservatives.
- Are neutral (non-biased) with regards to specific products. We do NOT endorse any specific products.
- Work closely with many of the preservative and inoculant companies in order to understand the differences in application requirements.
- Aim to provide the customer with the best “out of the box” experience.
- Manufacture and/or assemble and test products at our facility to assure its quality.
- Have a large stock of repair/replacement parts on hand and ready for shipment.
- Fluid test all systems to verify priming, output and check for leaks.
- Test complete each wire harness, control and pump unit.
- Share components with our vendors to assure component compatibility, minimizing premature wear and potential future issues.
- Manufacture many components in-house to assure quality and minimize lead-times.
- Are small, and listen to our customers; providing them with the products that work best for their needs.



# Dohrect Enject System

For Liquid Concentrate

U.S. PATENT NO. 6,443,369 • CANADA PATENT NO. 2,411,690  
ADDITIONAL U.S. AND INTERNATIONAL PATENTS PENDING



## DE-1008.5 Metric Model: DE-1008.5M

It stands out with its stainless steel baseplate and enclosure, featuring a hinged door to gain access to an updated pump and a quick-connect pumping tube – meaning no tools required for tube changes! The flush bottle is larger and is part of the pump enclosure. We have also improved the wire harness and electrical plug connection to the pump unit to make it a more secure, weather-tight connection.

As with previous Dohrect Enject Systems, it has an open-end discharge (no nozzle or orifice to plug), an insulated 10 gallon cooler (treating up to 1000 tons per tank fill), and a secondary tank option.

Dimensions: 23 1/4" L x 16 1/2" W x 23 1/4" H

### Features:

- Harvest Rates up to 8.5 Tons per Minute (510 Ton per Hour)
- Stainless Steel Baseplate and Enclosure
- Hinged Door Pump Access with 1/4" Turn Latches
- Low Application Rate
- Easy to Clean
- 10 Gallon Insulated Cooler
- No Nozzle or Orifice to Plug
- Quick Connect Pump Tube in 2 Different Sizes
- Quick Connect Hoses on Flush Bottle and Cooler Valve Assembly
- Large 32 oz Flush Bottle
- Weather-tight Electrical Connection



Our Dohrect Enject Systems were the original “Low Volume, Long Distance” inoculant systems. These units were introduced in 2001 and have a proven record of dependability and ease of use.

**Included with the DE-1008.5:**



## SP-2L - Variable Rate Controller

Made exclusively for the Dohrect Enject Systems! Contains an additional output to power the LED illumination of the FM-1008.5-LED Flowmeter!

**Now with a 3 year warranty! See page 18 for details.**



## FM-1008.5-LED Flowmeter FM-1008.5M-LED

Made exclusively for our DE-1008.5, this flowmeter has a custom calibration for use with water soluble inoculants. This unit provides verification that the system is functioning properly along with system calibration. It is illuminated so the operator can verify calibration and system performance during night harvest.

***If you are looking to have more inoculant on the go, consider...***

## DE-1008.5X2

### Metric Model: DE-1008.5MX2

The **DE-1008.5X2** includes everything in the DE-1008.5, and adds a second tank, baseplate, and manifold cooler selection.

If you already have a DE-1008.5, but want to add the additional capacity, you can order the **X2-1008.5-KIT**, which includes the extra tank, baseplate and cooler selection manifold.





# Small Square Baler Kits

## KIT-SS-25 25 Gallon Kit for Small Square Balers

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### Includes:

- DE-25 Small Square Applicator (Tank Dims: 33L x 19.5W x 22H)
- NTA-SS Nozzle Tube Assembly for Small Square Balers
- Self-Fill System
- SP-1 Control\*





# In-line Small Square Baler Kits

## **KIT-ILSS-25** 25 Gallon Kit for Most In-Line Small Square Balers

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Includes:

- DE-25 Small Square Applicator (Tank Dims: 33L x 19.5W x 22H)
- NTA-ILSS Nozzle Tube Assembly for Small Square Balers
- ILG-1-4 4" In-Line Gauge
- Self-Fill System
- SP-1 Control\*



## **KIT-ILSSM-25** 25 Gallon Kit for Most In-Line Small Square Balers (with Mounting Kit)

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Includes:

- DE-25 Small Square Applicator (Tank Dims: 33L x 19.5W x 22H)
- NTA-ILSS Nozzle Tube Assembly for Small Square Balers
- ILG-1-4 4" In-Line Gauge
- Self-Fill System
- SP-1 Control\*
- ILSSM-25 In-Line Small Square Mounting Kit for most in-line small square balers





# Round Baler Kits

## KIT-RB-25 25 Gallon Kit for Most Round Balers

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Includes:

- DE-25 Round Baler Applicator (Tank Dims: 33L x 19.5W x 22H)
- NTA-LS/RB Nozzle Tube Assembly for Round Balers
- Self-Fill System
- SP-1 Control\*



## KIT-RB-25-SU 25 Gallon Kit for Most Round Balers (with Mounting Kit)

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Includes:

- DE-25 Round Baler Applicator (Tank Dims: 33L x 19.5W x 22H)
- NTA-LS/RB Nozzle Tube Assembly for Round Balers
- Self-Fill System
- SP-1 Control\*
- SURBM-25 Semi Universal Mounting Kit for most round balers





## **KIT-RB-55** 55 Gallon Kit for Most Round Balers



Includes:

- DE-55 Round Baler Applicator (Tank Dims: 38L x 23W x 32H)
- NTA-LS/RB Nozzle Tube Assembly for Round Balers
- Deluxe Self-Fill System
- SP-1 Control\*



## **KIT-RB-55-SU** 55 Gallon Kit for Most Round Balers (with Mounting Kit)



Includes:

- DE-55 Round Baler Applicator (Tank Dims: 38L x 23W x 32H)
- NTA-LS/RB Nozzle Tube Assembly for Round Balers
- Deluxe Self-Fill System
- SP-1 Control\*
- SURBM-55 Semi-Universal Mounting Kit for most round balers





# Large Square Baler Kits

## KIT-LS-55 55 Gallon Kit for Large Square Balers

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Includes:

- DE-55 Large Square Baler Applicator (Tank Dims: 38L x 23W x 32H)
- NTA-LS/RB Nozzle Tube Assembly for Large Square Balers
- Deluxe Self-Fill System
- SP-1 Control\*
- LS-1 Mounting Kit



## KIT-LS-100 100 Gallon Kit for Large Square Balers

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Includes:

- DE-100 Large Square Baler Applicator (Tank Dims: 57L x 24W x 31H)
- NTA-LS/RB Nozzle Tube Assembly for Large Square Balers
- Deluxe Self-Fill System
- SP-1 Control\*
- LS-1 Mounting Kit





# Pull-Type Forage Harvester Kits

## KIT-PTFH-1008.5 DE-1008.5 Kit for Pull-Type Forage Harvesters

Includes:

- DE-1008.5 Applicator
- CM-2 Mounting Kit



## KIT-PTFH-25 25 Gallon Kit for Pull-Type Forage Harvesters

Includes:

- DE-25 Applicator
- SP-1 Control\*
- CM-1 Mounting Kit



\*See updated Speed Control warranty details on page 18.





## DE-100

*Dimensions:* Tank & Frame: 57"L x 24"W x 31"H  
Pump Unit: 15"H x 15"W x 6.5"D

- 100 Gallon Tank and Frame
- 3.0 GPM Self Priming Pump
- Pre-terminated 37' Power Cord Assembly
- Pressure Regulation System w/ Stainless Steel Gauge
- On-Off Switch
- 3-Nozzle Assembly with 20' Hose
- 4" In-Line Gauge
- Deluxe Self-Fill System



## DE-55

*Dimensions:* Tank & Frame: 38"L x 23"W x 32"H  
Pump Unit: 15"H x 15"W x 6.5"D

- 55 Gallon Tank and Frame
- 3.0 GPM Self Priming Pump
- Pre-terminated 37' Power Cord Assembly
- Pressure Regulation System w/ Stainless Steel Gauge
- On-Off Switch
- 3-Nozzle Assembly with 20' Hose
- 4" In-Line Gauge
- Deluxe Self-Fill System



## DE-25

*Dimensions:* 33"L x 19.5"W x 22" H

- 25 Gallon Tank w/ Flat Surface Mounting Brackets
- 2.0 GPM Self Priming Pump
- Pre-terminated 37' Power Cord Assembly
- Pressure Regulation System w/ Stainless Steel Gauge
- On-Off Switch
- 2-Nozzle Assembly with 20' Hose
- Self-Fill System



## DE-9

Pump without tank and frame - Use with an existing tank or draw from a barrel mount

- 3.0 GPM Self Priming Pump
- Pre-terminated 37' Power Cord Assembly
- Pressure Regulation System w/ Stainless Steel Gauge
- On-Off Switch
- 3-Nozzle Assembly with 20' Hose
- 4" In-Line Gauge
- Deluxe Self-Fill System

## DE-7

Pump without tank and frame - Use with an existing tank or draw from a barrel mount (Not recommended for Large Square)

- 2.0 GPM Self Priming Pump
- Pre-terminated 37' Power Cord Assembly
- Pressure Regulation System w/ Stainless Steel Gauge
- On-Off Switch
- 2-Nozzle Assembly with 20' Hose



# Stationary Application & Transfer Pumps

## DE-8

Ideal for Forage Blowers and Baggers (Stationary)

Features:

- Hangs on the side of a 55 Gallon Drum
- 2.0 GPM Self-Priming Pump
- 15' Power Cord with Battery Clips
- Single Nozzle Assembly (4-72 oz. per minute) w/ 20 ft Hose
- On-Off Switch Mounted on Applicator



There are 2 different models of transfer pumps available:

**TS-5 Transfer Unit** (5.0 Gallons Per Minute)

**TS-7 Transfer Unit** (7.0 Gallons Per Minute)

Both Units Feature:

- 12 Volt Self-Priming Pump with Pressure Switch
- Hangs on the side of a Tote or 55 Gallon Drum
- 15' Power Cord with Battery Clips
- 15' of Discharge Hose with Nozzle Valve
- On-Off Switch Mounted on Applicator





## DigiFlow

Designed with the custom operator in mind, the DigiFlow is a digital flowmeter that includes a digital console with easy to read, backlit display to mount in the cab.



- Provides flow rate in gallons, liters or pounds per hour
- Required flow rate: 5-140 GPH (18-540 LPH)
- Total Flow Reading (resettable) provides total flow since last reset-Great for billing out product
- Easy-Cal System
- Allows user to calibrate system for specific product regardless of density or viscosity
- Accurate calibration, assures proper product application/billing
- Not for use with water soluble bacteria inoculant

## FL1- (12, 40, or 100)

The FL Series Flowmeters are “ball-type” flowmeters. These flowmeters are available in 3 different ranges and can be purchased as a complete assembly or as a replacement of existing “ball-type” flowmeters. All of the flowmeter assemblies come complete with a mounting bracket, 20’ of 3/8” braided hose, fittings and hose clamps. These flowmeters show the current application rate in gallons per hour.  
(Can also be ordered without hose)

### Ranges:

**FL1-12: 12-12 GPH**

**FL1-40: 4-40 GPH**

**FL1-100: 10-100 GPH**





# Moisture Testers

## FX-2000 Series Moisture Testers

The FX-2000 Series Moisture Testers from Delmhorst include an in-chamber moisture sensor to provide you with “on-the-go” readings. These units take 2 readings every second and update the readings every 4 seconds when attached to the in-chamber tester. They display the average and highest of eight accumulated readings on a back lit display. Measures moisture between 6% and 40%.



*FX-2000*

**FX-2000 Includes:**

- Digital Display with 3 Year Manufacturer Warranty
- In-Chamber Moisture Sensor



*FX-2018/PKG*

**FX-2018/PKG Includes:**

- Digital Display with 3 Year Manufacturer Warranty
- In-Chamber Moisture Sensor
- H-4 External Handle
- 18” Prod for H-4 Handle (does not fit in carrying case)
- “Windrow” Prod for H-4 Handle
- Carrying Case



## F-2000 Series Moisture Testers

The F-2000 Series Moisture Testers from Delmhorst are designed for portable use. These units average up to 100 accumulated readings. Measuring moisture between 6% and 40%.



### *F-2000*    **F-2000 Includes:**

- Digital Display with 3 Year Manufacturer Warranty
- 10" Prod (Attaches Direct to Digital Display)



### *F-2018/PKG*

### **F-2018/PKG Includes:**

- Digital Display with 3 Year Manufacturer Warranty
- H-4 External Handle
- 18" Prod for H-4 Handle (does not fit in carrying case)
- "Windrow" Prod for H-4 Handle
- Carrying Case



# Controls

## SP-1

The SP-1 control module has an on-off switch with an LED “on” indicator and a dial that controls the speed of the pump. It allows the operator to control the pressure and spray volume from the cab. Our SP-1 includes polarity protection, a 10 amp resettable circuit breaker and swivel mounting bracket. This unit works great on all 12 volt Ag-Serv Applicators.

For use with a non-Ag-Serv Applicator a 361F SP-1 control pigtail set is required.

## SP-2L

The SP-2L was made exclusively for the Dohrect Enject Systems. It has the additional output to power the illumination of the FM-1008.5 Flowmeter. It is for use with only DE-1000 or DE-1008.5 Applicators.

### SP-1 and SP2L Speed Control Warranty Information:

- **NEW** 3 yr. limited warranty against manufacturer defects begins on date of purchase from Dohrmann Enterprises, Inc.
- Years 1 and 2 - Warranty exchange
  - A deposit is made for new controller and ground shipping costs
  - A refund is given if determined to be covered under warranty
- Years 3 - Repair
  - Customer sends in controller, we cover warranted repairs and return ground shipping
- Opening case voids warranty
- Cutting off factory plugs or wires also voids warranty









