

Buffer - Armanov Smart Controller for Dillon Variable Speed Casefeeder

Bring industrial-grade intelligence to your reloading bench. The Armanov Smart Controller (ASC) revolutionizes your Dillon Variable Speed Casefeeder by introducing a suite of advanced, automated features. Upgrade your setup with an adjustable digital clutch, dual optical sensors, automated jam clearance, and batch counting—all achieved through a 100% reversible plug-and-play installation that requires absolutely no wire-cutting or permanent modifications to your original Dillon unit.



Universal Compatibility

Engineered for a seamless fit with both the current Dillon Variable Speed Casefeeder ("new" model) and older 2-speed models ("old" model).

Dual High-Precision Optical Sensors

Features advanced optical case detection to flawlessly manage feeding cycles, batch counting, and real-time up-count tracking.

Adjustable Digital Clutch

Provides precise, digital control over both feeder speed and motor torque settings to adapt to different case sizes and weights.

Intelligent Auto-Reverse Function

Automatically detects a jam or blockage, instantly reversing the feed direction to self-clear the bottleneck without user intervention.

Empty-Hopper Auto-Stop

Saves power and reduces unnecessary mechanical wear by automatically shutting down the motor once cases are fully depleted.

Versatile Batch and Count Modes Features an onboard counter supporting both countdown target modes and progressive up-count tracking.

Attributes

- Name: Armanov Smart Controller for Dillon Variable Speed Casefeeder
- Manufacturer: ARMANOV
- Product no.: EU2018266
- Mfr. No.: ASCDCF
- Colour: Blue
- Delivery weight: 1kg
- Shipping height: 100mm
- Shipping width: 100mm
- Shipping length: 100mm

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Armanov Smart Controller Safety Instructions

Introduction

Thank you for choosing the Armanov Smart Controller for your Dillon Variable Speed Casefeeder. This guide provides essential safety instructions to ensure safe and effective use of your product. Please read this manual carefully before installation and usage.

General Safety Guidelines

- Ensure the product is used according to the manufacturer's instructions to prevent accidents or injuries.
- Keep the product out of reach of children and vulnerable individuals.
- Regularly inspect the product for any signs of damage or wear before use. Do not use if damaged.
- Always disconnect the power supply before performing maintenance or adjustments.
- Follow all local regulations regarding the use of electronic devices in reloading operations.
- Report any unsafe conditions or product malfunctions to the appropriate authorities.
- Stay informed about product recalls and safety updates through the EU's Safety Gate platform.

Specific Safety Precautions for Use

- **Electrical Safety:**
 - Ensure that the power supply matches the product specifications.
 - Avoid using the product in wet or damp conditions to prevent electrical hazards.
- **Mechanical Safety:**
 - Do not place hands or other objects near moving parts during operation.
 - Ensure all safety guards are in place before using the product.
- **Operational Safety:**
 - Do not overload the case feeder beyond its specified capacity.
 - Always monitor the feeding process to immediately address any jams or blockages.
- **Maintenance Safety:**
 - Only perform maintenance as outlined in the product manual.
 - Use only manufacturer approved replacement parts.

Instructions for Installation and Usage

Installation

1. Unpack the Product:

- Carefully remove the Armanov Smart Controller from the packaging.
- Check for any visible damage during shipping.

2. Connect the Controller:

- Ensure the Dillon Variable Speed Casefeeder is powered off.
- Connect the Armanov Smart Controller using the provided plug and play connectors.
- Make sure all connections are secure and properly seated.

3. **Adjust Settings:**

- Use the adjustable digital clutch to set the desired feeder speed and motor torque.
- Ensure the dual optical sensors are correctly positioned for optimal case detection.

4. **Power On:**

- Once installation is complete, power on the Dillon Variable Speed Casefeeder.
- Observe the operational indicators to verify proper functionality.

Usage

• **Operational Checks:**

- Perform a test run to ensure that the feeding cycles are functioning correctly.
- Monitor for any unusual sounds or behaviors during operation.

• **Batch Counting and Modes:**

- Familiarize yourself with the onboard counter and its functions for batch counting.

• **Jam Clearance:**

- In case of a jam, the intelligent autoreverse function will activate. Monitor the process to ensure successful clearance.

• **EmptyHopper AutoStop:**

- The controller will automatically shut down the motor when cases are depleted, conserving energy and reducing wear.

Disposal Instructions

- Dispose of the Armanov Smart Controller in accordance with local electronic waste disposal regulations.
- Do not dispose of the product in regular household waste.
- Consider recycling options where available to minimize environmental impact.

Contact Information for Further Support

For any inquiries or support regarding the Armanov Smart Controller, please refer to the manufacturer's contact information provided in the product packaging or on the official website.

By following these safety instructions, you can ensure a safe and effective experience with your Armanov Smart Controller. Thank you for your attention to safety, and happy reloading!