



ProBlue[®] Flex Melters

Precise, consistent, and safe adhesive dispensing
for high-speed industrial operations.

www.nordson.com/packaging

Nordson
Packaging

Precision Gluing That Keeps Production Moving

ProBlue® Flex melters are designed to meet industry demand for automation, sustainability, and optimized costs per package.

At Nordson, we understand the increasing need for automation to solve skilled labor shortages. Plants are running leaner, and more companies are aware of the true cost of downtime. ProBlue Flex melters deliver what modern plants need:

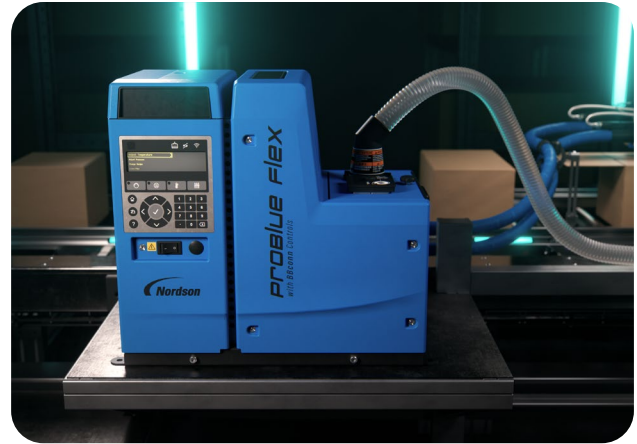
- Higher production speeds
- Preventative maintenance
- Minimal downtime
- Dependable product quality
- Full connectivity and integration



Maximize Uptime. Minimize Waste.

The Essential Hot Melt Solution for Packaging Operations.

Dependable performance and easy operations are at your fingertips. Our solutions help ensure the correct volume and placement of adhesive every time, all the time.



Intuitive User Interface

- Simple controls with up to 30 languages
- Easy to learn and operate
- Quickly access pertinent line data
- Display only showcases installed devices

Melt-On-Demand

- Tankless melter with autofill minimizes char
- SmartMelt maintains glue integrity

Flexible Features

- Capacity for 10 hoses and applicators
- Use any adhesive from pellets to bricks
- Save and recall up to 100 recipes
- 65 preventative service reminders

Full Connectivity

- Easy parent machine integration
- Remote monitoring and operation

Equipment for a Touch-Safe Experience



Fully covered manifold

Limits exposure to hot surfaces



Remote operation

Control via PLC or touchscreen to minimize direct interaction with hot equipment



Password protection

Ensure correct settings are maintained without unauthorized changes

Adhesive Tracking System

Integrated Process Monitoring and Control

ProBlue® Flex melters are equipped with Nordson's Adhesive Tracking System (ATS), which allows you to measure product add-on weight and track total adhesive consumption data.

- Track total number of products
- Download historical data
- Monitor & control adhesive in real-time
- View live data on touchscreen or wireless device
- Prevent pop-opens
- Set & adjust multiple adhesive-volume limits
- Fault status light will illuminate if there is too much, too little, or no adhesive flowing.

Our **Adhesive Tracking System** helps easily identify and automate maintenance to minimize downtime. Operators can quickly make adjustments to keep production flowing.

If a **high add-on weight** is detected, this may mean →

- Wrong nozzle orifice was installed
- Pressure settings were changed

If a **low add-on weight** is detected, this may mean →

- The filter or nozzle needs to be replaced

If **no adhesive flow** is detected, this may mean →

- Pressure settings were changed
- The nozzle needs to be replaced



Unleash the Power of Precision

High-Performance Pressure Management

Fluctuations in pressure can lead to the application of too much or too little adhesive, especially in applications that require varying speeds or adhesive patterns. The ProBlue® Flex melter features multiple pressure management options to help meet the varied needs of unique applications

Pressure Run-Up Option (P4)

- Adjust pressure for variable line speeds with analog inputs
- Ensure consistent amount of glue applied at any line speed
- Quickly change pressure setting with stored recipes
- Includes all benefits of P3, with added analog inputs for variable line speeds



Electronic Pressure Option (P3)

- Password-protect pressure setting, tamper-resistant
- Precise pressure control
- Quickly change pressure setting with stored recipes
- Dynamically adjust pressure via PLC



Manual Pressure Option (P1)

- Mechanical adjust
- Analog gauge
- Economical

Hydraulic Regulator Upgrade

- Reduce glue consumption
- Minimize variation in hydraulic pressure
- Eliminate pressure drop at pump shift
- Improve shot to shot consistency



Adhesive Tracking Options

Adhesive Tracking System (ATS)

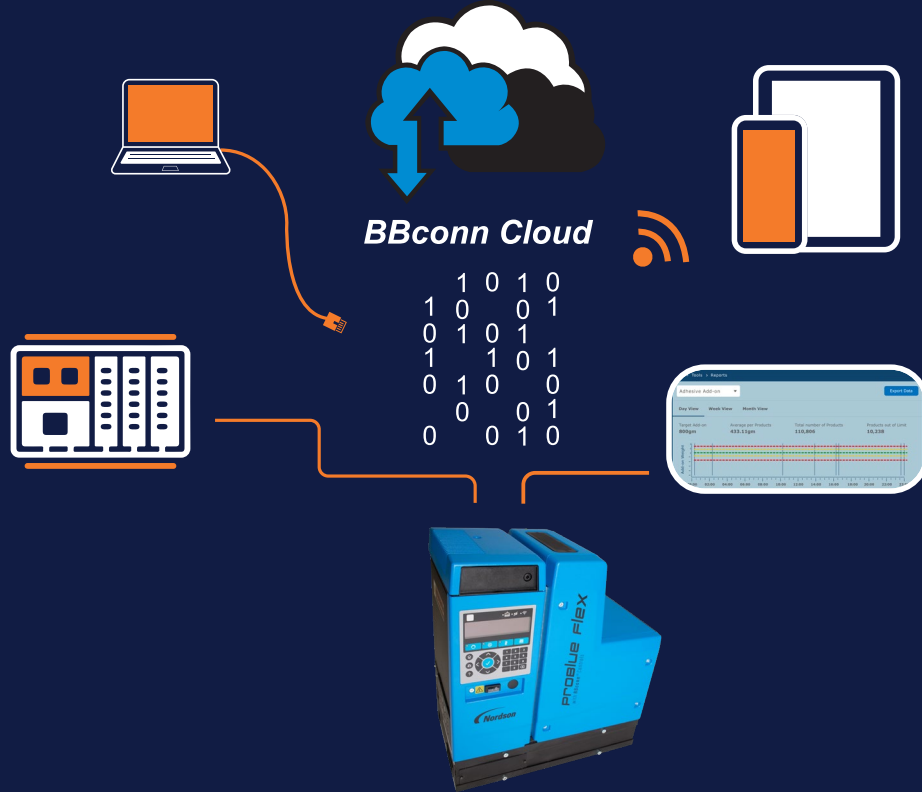
- Track adhesive to minimize pop-opens
- Reduce glue consumption

ATS+ Upgrade

- Combined benefits of ATS & hydraulic regulator
- Reduce glue consumption
- Maintain confidence in glue bond and product quality

BBconn Cloud and Control System

Built for connectivity. Designed for the future.



ProBlue® Flex melters are built with Nordson's BBconn Control system. This dynamic platform allows Nordson equipment to easily communicate with parent machines and other devices. BBconn Controls provide full remote operation, advanced diagnostics, real-time oversight, and the data needed for continuous improvement.

Effortless Control

- Intuitive, multi-language user interface
- Easily backup, restore, and duplicate settings and recipes
- Detailed data reporting including adhesive usage and product counts
- Continuous monitoring to control quality and improve processes
- Wireless operation via phone or tablet
- Easily operate via parent machine PLC
- Integrated Industrial Ethernet options
- Multiple remote system I/O options
- Remote-mounted touchscreen

Remote Command. Every line, all the time.

Remote Operations

Remote pressure settings, maintenance support, and line control

Offline Control

Create, view, and modify melter settings offline and upload later without impacting production for maximum uptime

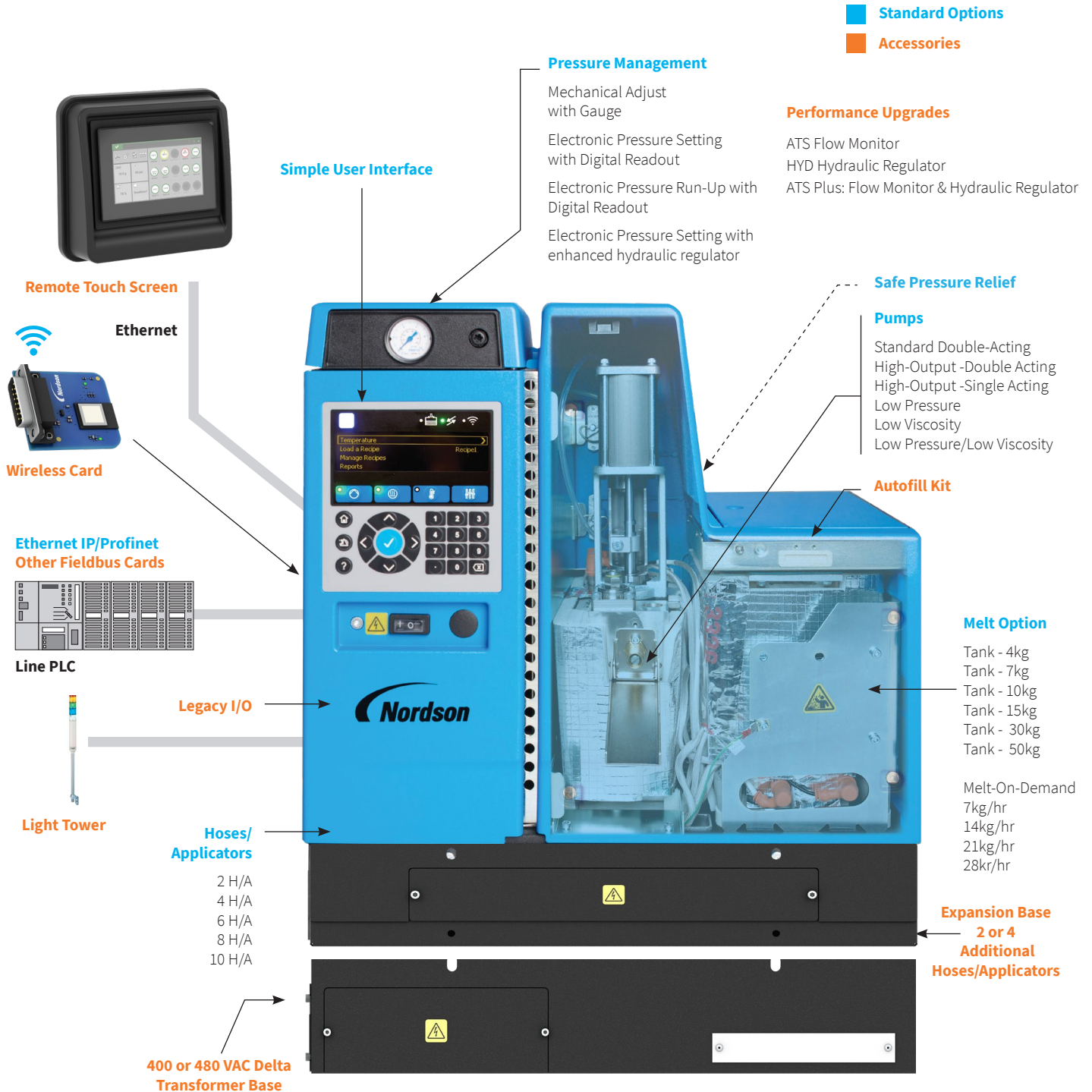
Offline Event Logs

Access powerful data anywhere, anytime - including alarm history and setting changes.

Simplify Maintenance. Eliminate Unplanned Downtime.

- Schedule maintenance reminders for maximum uptime
- Easily share set-up and event history details with Nordson technical support for quick troubleshooting
- Store system settings and recipes in secure back-up vault
- Quickly access centralized support resources such as software upgrades, 3D models, manuals, and PLC starter kits.

The Right Fit for Every Application



PROBLUE FLEX
with BBconn Controls

Expert Service. Every Day. Everywhere.

Keep your production line running smoothly

Nordson provides unmatched service and support to help keep ProBlue® Flex systems in peak operating condition.

- Reduce unplanned downtime
- Optimize operation
- Increase packaging line efficiency

Our expert technicians provide a wide range of services, including:

- New product installation
- Product set-up and training
- On-site equipment health-checks
- Preventative maintenance and cleaning



Genuine Nordson Replacement Parts

Preserve the integrity and efficiency of your equipment with genuine Nordson parts. Nordson-certified products deliver uncompromising value and optimize the productivity of ProBlue® Flex systems.

Your Satisfaction is Our Priority - Every Step of the Way

At Nordson, we proudly build long-standing relationships with consumer product good producers and original equipment manufacturers. With global operations in over 35 countries, and direct sales and service worldwide, we have the business scale to deliver on customer promises.



Nordson Packaging

Nordson provides unmatched customer service, with direct, local support for packaging lines around the globe. As the trusted partner of original equipment manufacturers and consumer product goods producers, Nordson Packaging delivers hot melt dispensing solutions that help lower costs, increase productivity, and improve sustainability for a wide range of industries.



Global and direct sales and service



High-performance solutions



Operational cost savings



Full automation and integration

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