Reduce your operating costs along with your ecological footprint by installing an ASU that consumes up to 20% less energy than similar competitive units. You’ll notice the savings as well as the performance, all while contributing to a greener tomorrow.

Gemini™ hoses feature patented dual circuit technology to help prevent costly downtime in the event of a heater fault or failure. Based on an industry average of $700 per minute downtime cost, calculate your annual savings potential today!

Our improved Melt-On-Demand process is the only one of its kind, ensuring a first-in first-out adhesive cycle by heating from the bottom of the hopper to prevent degradation. A layer of solid adhesive on top helps reduce exposure to oxygen, a major contributor to adhesive char, which leads to clogging and downtime.

Our new industry-exclusive Nano ceramic hopper coating is the same material used to manufacture cannon barrels, and is 5 times more durable and resistant to wear than traditional PTFE coatings, with no PFOAs or fluorochemicals.

At ITW Dynatec we maintain a strong emphasis on providing unparalleled service and support for our customers. From our extensive network of certified distributors and regionally located service technicians, to preventative maintenance programs that save you money, to our 24/7 customer support network, it’s easy to see why so many have trusted their hot melt services to ITW Dynatec for over 45 years.
**MELT**

**Multi-Use Dewater™**

Our Multi-Use Dewater™ technology allows you to get the most out of your hopper. Since you can use the hopper for multiple resins, you can use the hopper as a storage, conditioning, and heating system. This reduces the amount of resin needed to be stored and reduces the amount of resin required to be conditioned and heated on site. The end result is less resin required, reduced energy consumption, and a more efficient use of resources.

Further, our Multi-Use Dewater™ technology is designed to be easy to use. The hopper is equipped with a digital display panel that allows you to easily monitor the temperature and pressure of the resin. This ensures that you are always getting the right resin at the right temperature, reducing the risk of resin degradation and providing the right adhesive for your application.

**Control**

**Modular Display**

Our modular display system allows you to easily customize the display panel to your specific needs. The display panel can be mounted on the front, side, or back of the hopper, allowing you to choose the most convenient location for your operators. The display panel is also designed to be easy to read, even in low light conditions, ensuring that your operators have all the information they need at a glance.

**FLEXIBILITY**

Installation and set up of your hot melt system needs to be as simple as possible. The new Dynamelt S™ features corner-mounted hose connections for flexibility, a compact footprint for easy transport, and an easy-to-read display panel.

**SAFETY**

Our patented Modular Display technology is designed to be safe and easy to use. The display panel is equipped with a built-in safety feature that automatically shuts down the hopper in the event of a temperature fault. This ensures that your system is always operating within the safe temperature range, preventing thermal shock and ensuring the safety of your operators.

**DELIVERY**

Our new generation adhesive supply and ASD™ has numerous features and benefits, including a lower cost, more efficient system, and a higher yield. The ASD™ is designed to work seamlessly with your existing adhesive supply system, providing you with a complete solution for your adhesive delivery needs.

**RELIABILITY**

We know that uptime is very important to you, which is why our products are designed to be reliable. The Patented Multi-Use Dewater™ technology is standard in Dynamelt™ hoppers, and the new Dual Unit Filter (DUF) has twice the surface area of the previous model, providing twice the filtration capacity.

**COST OF OWNERSHIP**

To reduce your total cost of ownership, we have recently focused our innovation on reliability, safety and flexibility. Our next generation adhesive supply system has reduced operating costs, increased productivity, and improved safety. The new Dynamelt S™ is also designed to be easy to install, with a compact footprint and easy installation. Accessories like the ADS1™ automatic cold flow controller and EVC-1™ volume controller with smart electronics help to reduce labor and adhesive usage.

**Flexibility**

• Easy installation, compact footprint
• Corner-mounted hose connections
• Easy-to-read, repositionable display panel
• Plug and play “smart” accessories

**Safety**

• Multi-Use Dewater™ technology
• 15 times more filter surface area
• EVC-1™ pressure consistent output
• GenX™ tank backup systems

**Reliability**

• EVC-1™ volume controller that helps reduce adhesive consumption and energy usage.
• 15 times more filter surface area for longer life and less contamination.
• Melt-On-Demand™ technology is standard in Dynamelt™ hoppers, and the new Dual Unit Filter (DUF) has twice the surface area of the previous model, providing twice the filtration capacity.

**Delivery**

• ADS1™ Autofill™ Delivery System
• Covered manifold
• Lock-out / tag-out power switch
• Finger-safe electronics

**Control**

• Multi-Use Dewater™ technology
• 15 times more filter surface area
• EVC-1™ pressure consistent output
• GenX™ tank backup systems

**Cost of Ownership**

• Total system covers you less & money
• Longer maintenance cycles, easy to troubleshoot
• Dynamelt S™ uses 20% less energy
• Accessories help to reduce labor and adhesive usage

**Maintenance**

Our new generation adhesive supply and ASD™ has numerous features and benefits, including a lower cost, more efficient system, and a higher yield. The ASD™ is designed to work seamlessly with your existing adhesive supply system, providing you with a complete solution for your adhesive delivery needs.