



THE LATEST EXTRUDING NEWS FROM ENTEK

ENTEK Opens New Facility in Henderson, Nevada



ENTEK Manufacturing has announced the opening of a new manufacturing and engineering facility in Henderson, Nevada. The new 98,000 square foot building will be home to wear parts production, fabrication and assembly, and engineering.

"We are expanding our business to better meet the needs of our customers' growing businesses," said Kim Medford, President of ENTEK Manufacturing, "Our greatest success comes from ensuring the success of the product manufacturers that our equipment supports."

Linda Campbell, VP of Sales for ENTEK Manufacturing, said the company is experiencing record growth and needed the additional space to keep up with demand. "We recently expanded our machine shop at our Lebanon, Oregon headquarters, and we already need more space, and more workers, to keep up with our wear parts business," she said.

Medford said ENTEK is investing over \$10 million USD in new equipment for the Nevada facility and has begun interviewing

and hiring. She expects to have 50 or more new team members working there by late 2022. "Once fully operational, our new facility will allow us to stock parts for rapid customer response," she said.

"ENTEK chose Nevada for the new facility because it is a growing area of the country with a strong labor market with attractive business-friendly incentives," said Medford. "We used an outside firm to do a multi-city survey, and the greater Las Vegas metro area came out first when it came to the availability of skilled labor such as machinists and engineers," she said. "It's a good location for us, and not far from our headquarters in Oregon."

ENTEK's business outlook is strong, said Campbell. "We have an aggressive forecast for new business in 2022 and 2023," she said. "This expansion is the first step in what we expect to be a very active period for our company."





Growing to Better Serve Our Customers

Welcome to the latest issue of *Extrusion Solutions*.



Kim Medford

Our New Facility

As you can see by our story on page 1, our growth here at ENTEK continues as we are opening a new 98,000 square foot facility in Henderson, Nevada. Since we first announced this news in October, we've been busy interviewing candidates for the many open positions we have available to staff our new facility. I'm pleased to announce that we have already hired several new employees who are currently in training at our Oregon headquarters.

We hope to have 50 or more new employees working in Henderson by late 2022. We have numerous job openings available; check out our list of positions at <https://entek.com/careers/us/>. If you or someone you know is interested in joining our growing company, please contact us today!

Continuous Improvement

We recently reached an amazing milestone with our continuous improvement program. With over 1,000 improvements and counting, this program has really helped us make great progress towards improving virtually everything we do as a company.

Personally, I believe this is a great example of what makes ENTEK special. Every employee here has a say in how to make this company a better place. Our 'Fix What Bugs You' message encourages everyone to contribute their ideas, and as Mark Dvorak, our Lean Leader says,

'we celebrate all improvements and ideas, the small ones as well as the big ones.'

I want to thank all of our employees for their suggestions. I would also like our customers to know that we will always seek continuous improvement as a company to better serve their needs.

Hoping to See You in 2022

ENTEK recently exhibited and presented at two excellent industry events, the AMI-sponsored Compounding World Expo in Cleveland and the Plastics News 'Women Breaking the Mold' conference in Austin, Texas. We are happy to be back doing in-person events, and our Sales and Marketing Teams are busy preparing for numerous trade shows and conferences in 2022 (see the complete list on p. 5). If you plan on attending any of these events, please plan to stop by to see us to learn more about our products and services.

Thank you to all of our customers for your continued support.

I encourage you to contact me anytime at kmedford@entek.com.

Sincerely

Kim Medford
President



1,000 Improvements and Counting!

by Mark Dvorak, Lean Leader at ENTEK Manufacturing



In January 2020, ENTEK started its '2 Second Lean' approach, with the goal being to empower all employees to engage in continuous improvement. We did this by providing daily lean training, 5S supplies and providing our employees with the time they needed to make improvements. The message we sent encouraged everyone to stop and "Fix what Bugs You!"

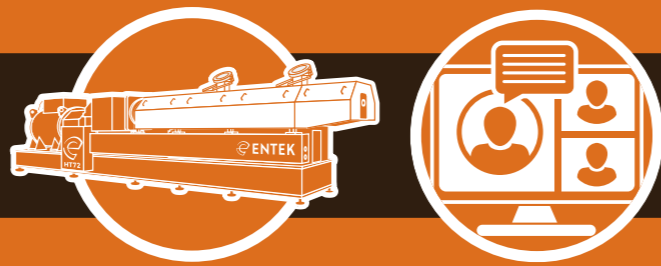
Several improvement idea boards were set up around the company, where employees could outline larger ideas that take more time and resources than the smaller projects. However, we celebrate all improvements and ideas, the small ones as well as the big ones.

We documented many of the improvements using before and after pictures and videos. All improvements are shared in daily morning meetings and in a weekly email blast.

Since starting, we have documented 1,110 improvements on pictures and/or video! Some save seconds, others save hours per day. All safety improvements are also captured and celebrated in the same way. [Click here](#) to see a short video clip on reaching the 1,000 improvements milestone.



Continuous improvement is just that; we will continue to encourage all employees to contribute to the process. Overall, we have made great strides in our quality, safety and overall job satisfaction at ENTEK. We have also improved our customer experience with improvements that have made the quoting process much faster and easier for our customers.



Attend Our Upcoming Webinar: The Future of Compounding is Now

Wednesday, December 15, 2021
2:00 PM ET

Compounders in the commodity and masterbatch markets typically run medium-to-large batch production sizes, and high production rates are particularly critical for them, which they typically run on a 24/7/365 basis. Learn how a newly developed compounder with the highest free volume at 18 Nm/cm³ torque density of any co-rotating twin screw extruder on the market is suited for these and any other torque- or power-limited applications.

Other design features of this machine include ease of maintenance, machine health status tracking and an operational friendly interface. This extruder meets the needs of a fast-paced manufacturing environment where management can observe the OEE (overall equipment effectiveness) at a glance.

Agenda:

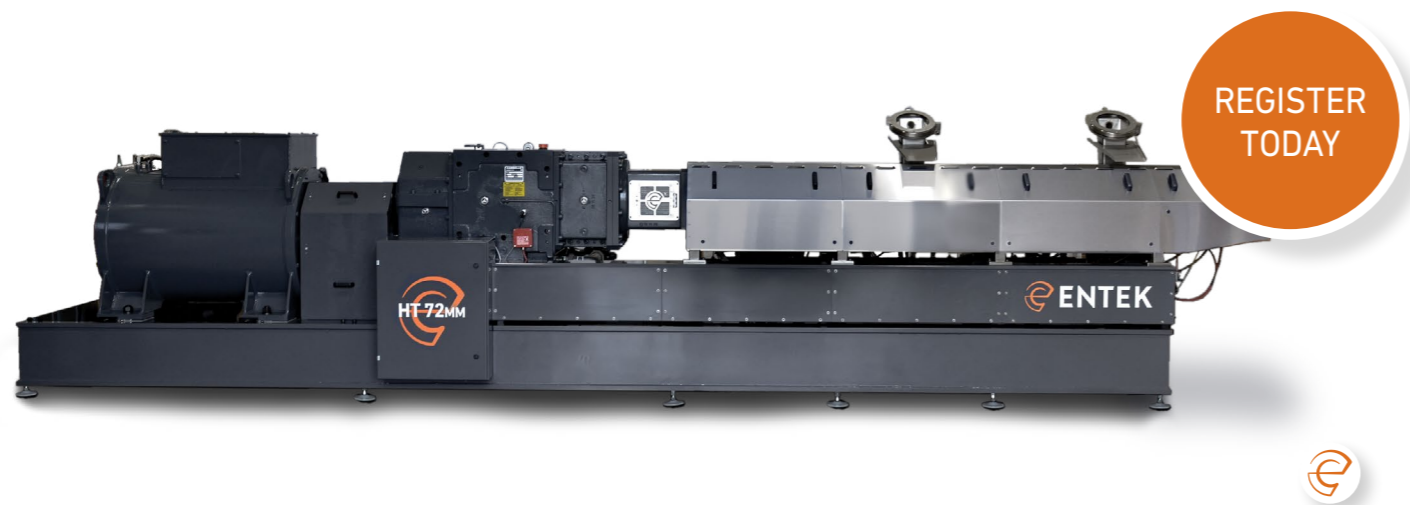
- How a compounding extruder achieves industry leading output rates for both torque- and volume-limiting compounds
- How a compounding extruder achieves industry-leading output rates for both high-shear and shear-sensitive compounding requirements
- Combining and meeting the needs of management, maintenance, process and operations in a new twin-screw compounder



Dean Elliott
Technical Processing Manager



Ryley Jones
Mechanical Engineering Supervisor



ENTEK Presentations at Recent Industry Conferences

It has been a busy fall season for trade shows and conferences in the plastics industry. In-person events have returned, and ENTEK was proud to be an exhibitor, presenter and sponsor at two of them.

Sponsored by AMI, the Compounding World Expo was held in Cleveland on November 3-4, as part of an event that also included the Plastics Recycling World Expo, the Plastics Extrusion World Expo, and the Polymer Testing World Expo. ENTEK had a booth and Dean Elliott, ENTEK's Technical Processing Manager, gave a presentation on 'Biopolymer Compounding Done Right.' Attendance was excellent, and Dean gave his presentation to a standing-room only crowd on the opening day of the show. [Click here](#) to see a short video from ENTEK's social media on this event.

One week later, Plastics News held its annual 'Women Breaking the Mold' conference in Austin, Texas. ENTEK's Melissa Jensen-Morgan was inducted into the WBTM Class of 2021, and she and Tammy Straw gave a presentation titled 'Managing a Project from Start to Finish'. ENTEK was a sponsor of this event, and hosted a wine tasting reception on the opening night.

"It was good being back at in-person events," said Tammy Straw. "We were very pleased with the turnout at both of them and look forward to getting back to exhibiting and attending at more shows in 2022."



Upcoming Events

ENTEK will be exhibiting at the following events in 2022. If you plan on attending any of these shows, please stop by to see us!

Plastics Recycling Conference
Washington, DC
March 7-9, 2022



Plastimagen
Mexico City,
March 8-11, 2022



PT XPO
Rosemont, IL
March 29-31, 2022



PT Extrusion Conference
Chicago, IL
October 2022

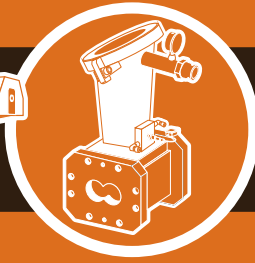
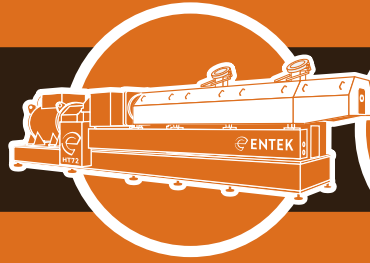


Compounding World Expo
Cleveland, OH
November 9-10, 2022





We Are ENTEK



Have You Seen Our Latest Ads?

Our latest ads, appearing both in print and online in the leading plastics industry trade publications, highlight our newest products and technologies.

In continuing with our 'people' theme, that's our own Ryley Jones, Mechanical Engineering Supervisor and HT72 Project Leader, and Micah Woody, Pilot Plant Technician, appearing in our new ads. Ryley led the team that developed the HT72 twin-screw extruder for the past three years; Micah runs trials in our in-house Pilot Plant and helped develop our new Vacuum Feed Technology (VFT).

Our new HT72 twin-screw extruder provides high-torque for high throughputs, and is ideal for continuous 24/7/365 commodity compounding and masterbatch production. [Click here](#) to watch our video and hear Ryley talk more about its features and benefits.

ENTEK's patented Vacuum Feed Technology helps compounders overcome the challenges of processing 'fluffy' materials, and can help boost extruder output by almost 2x. For more information on the features and benefits of VFT, [click here](#) to watch our video.



ENTEK WHAT WE DO

Did You Know?

- ENTEK's new, patented Vacuum Feed Technology (VFT), available on all ENTEK extruders, boosts twin-screw extruder throughput rates by almost 2x!
- Developed to help compounders overcome the challenges of processing 'fluffy' materials
- VFT does not require vents open to atmosphere, creating a cleaner and safer workplace environment

Processors can achieve up to twice as much throughput by using ENTEK's Vacuum Feed Technology.

Micah Woody, Pilot Plant Technician, ENTEK Manufacturing, Inc.

200 Hansard Avenue, Lebanon, Oregon, USA, 97355 • Tel: 541-259-1068 • www.enteck.com

Twin-Screw Extruders | Replacement Wear Parts | In-House Pilot Plant Services | Complete Extrusion Systems | Turnkey Manufacturing Plants

ENTEK WHAT WE DO

Did You Know?

- ENTEK's new HT72 (High Torque) twin-screw extruder delivers the highest free volume at 18 torque density in the industry!
- Designed to be a workhorse for continuous 24/7/365 operation, the HT72 is ideal for commodity compounding and masterbatch production
- When matched with our patented Vacuum Feed Technology (VFT), the HT72 can drive throughputs even higher for processes which involve low density fillers

The new ENTEK HT72 features industry-best performance and is backed by the outstanding customer service and support ENTEK is known for.

Ryley Jones, Mechanical Engineering Supervisor and HT72 Project Leader, ENTEK Manufacturing, Inc.

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Twin-Screw Extruders | Replacement Wear Parts | In-House Pilot Plant Services | Complete Extrusion Systems | Turnkey Manufacturing Plants



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RAISING EXPECTATIONS. KEEPING THEM THERE.

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