



## ENTEK Manufacturing Acquires Adaptive Engineering & Fabrication



ENTEK Manufacturing and Adaptive Engineering & Fabrication (AEF) are excited to announce the acquisition of AEF by ENTEK. Terms of the transaction were not disclosed.

Based in Placentia, CA, AEF is a significant supplier of material handling systems specializing in difficult to handle and convey materials. As a specialist in extrusion and downstream processing equipment, ENTEK has partnered with AEF on many projects, and ENTEK and AEF have worked together as customer and supplier for many years. Combining the companies was a natural next step in the relationship and an opportunity to provide a more streamlined platform for customers.

ENTEK and AEF have each enjoyed recent significant growth. "Together we will be able to leverage our teams to better serve our customers. We will be even better positioned to share resources and deploy systems that will make building a plant or buying equipment solutions from the combined ENTEK AEF teams an even better experience," said Kim Medford, President of ENTEK Manufacturing.

AEF will remain at its current location in Placentia.

As part of the transaction, all of the AEF employees will stay with the company and Rick Buschini and Chuck Nadolski will continue to lead the sales, development, and installation of material handling equipment with the support of the ENTEK engineering and project management teams.

"Together we will be able to grow our combined company to provide our equipment and engineering services to customers in North America and beyond. Combining with ENTEK's international footprint and knowledge provides us a platform to better serve our current and future customers both domestically and internationally," said Rick Buschini, VP Material Handling Sales.

As ENTEK grows its manufacturing capabilities in its recently opened plant in Henderson, NV, it will build both extrusion and material handling equipment in this location, providing the necessary space and additional resources to support the growth of the combined companies.





## An Exciting New Chapter in ENTEK's History

Welcome to the latest issue of *Extrusion Solutions*.



Kim Medford

“  
*Our investment in this new facility is significant and will result in additional capacity for both our fabrication and wear parts manufacturing.*  
”

### ENTEK Adaptive

For our first issue of 2022, we are excited to announce the news of ENTEK's acquisition of Adaptive Engineering & Fabrication, a leading supplier of material handling systems based in Placentia, California (story on page 1).

ENTEK and AEF have worked together for many years; in fact, we have partnered on numerous projects as customer and supplier. AEF specializes in material handling and downstream processing equipment, and there are many ENTEK complete extrusion systems in the field that include AEF equipment. By combining our companies, we can provide our customers with even better service and a single source for their extrusion and material handling system needs.

### Henderson Update

ENTEK continues to execute on growth plans to meet the growing demand for both production equipment and extrusion wear parts with our new 98,000 square foot facility in Henderson, Nevada (see the story on page 4). Since announcing the opening in late 2021, we have been hard at work installing new state of the art machinery and hiring new ENTEK team members including machinists, welders, IT personnel, and both mechanical and controls engineers.

Our investment in this new facility is significant and will result in additional capacity for both our fabrication and wear parts manufacturing. Our aftermarket wear parts are an important part of serving our customers, and our new plant will enable us to produce more parts faster than ever before.

We have numerous job openings available at ENTEK, both in Lebanon, Oregon and Henderson, Nevada; 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.

### Well-Deserved Promotions

I want to congratulate John Burke, Marvin Kuenzi, and Tim Glover on their recent promotions to Vice President positions at ENTEK (see story on page 3). John, Marvin and Tim are the leaders of ENTEK's Manufacturing, Engineering, and Machining operations and they do an outstanding job leading their teams and are an important part of our business growth.

I am also excited to share that Craig Clayton has been promoted to Regional Sales Manager. Craig joined ENTEK in 2021 from Gala/MAAG, where he worked on many installations that included ENTEK extruders. Craig is a great addition to our growing sales team.

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

I encourage you to contact me anytime at [kmedford@entek.com](mailto:kmedford@entek.com).

Kim Medford  
President





## Personnel News

ENTEK is pleased to announce the promotions of John Burke, Tim Glover, and Marvin Kuenzi to Vice President roles at the company. Also, we are pleased to announce the promotion of Craig Clayton to the position of Regional Sales Manager.

### John Burke

#### *VP of Manufacturing*

Rarely will you find John at a desk. His training in the principles of servant leadership has inspired him to be a passionate practitioner of, and advocate for, servant leadership in life. Most days you'll find him out on the shop floor, where he oversees ENTEK's manufacturing. John started at ENTEK in 1999, and his background in manufacturing and production scheduling gave him all the tools he needs to step into his new position as VP of Manufacturing. When he's not keeping things running smoothly at work, John also enjoys creating beautiful designs in metal and wood.



### Tim Glover

#### *VP Machining*

Tim has made machining and manufacturing his career. 18 years of that has been at ENTEK. Tim leads the machining team, which will soon mean he has a lot more ground to cover once move-in is completed at our new manufacturing facility in Henderson, NV. Since beginning his career in 1982, Tim's primary focus has been on machining and product management. He also believes strongly in the principle that you need to grow people in order to grow a business successfully.



Tim grew up in the area and takes a particular interest in educating young people about the opportunities available in machining, as well as encouraging and mentoring the next generation of machinists.

### Craig Clayton

#### *Regional Sales Manager*

Craig Clayton has been promoted to the position of Regional Sales Manager. Craig joined ENTEK in 2021 and has been visiting customers and training for this position since he started.



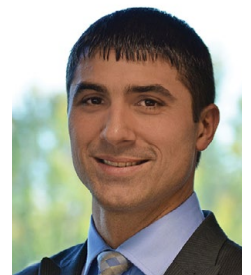
A native of South Africa, Craig worked there in sales and management positions for a financial services firm and a large vehicle manufacturer before emigrating to the USA in 2016. He joined Gala/MAAG in a technical service role, responsible for numerous activities including starting up new systems, operator and maintenance training, troubleshooting and preventative maintenance. He also assisted in establishing the company's first virtual system start-ups in India and South Korea during the early days of the COVID global pandemic.

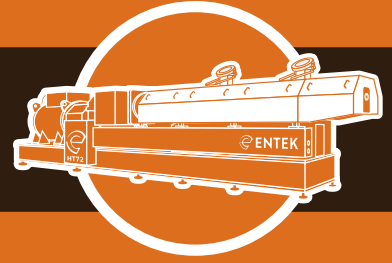
Craig said, "I am beyond excited about the future of ENTEK and the opportunities and challenges that lie ahead. I look forward to being a part of the growth of our company, and also contributing to the growth of our customers and partners."

### Marvin Kuenzi

#### *VP of Engineering*

Growing up in an Oregon farming community, Marvin has always relied on his aptitude for hard work, creative problem solving, and mechanical abilities to keep things running. As an integral part of the equipment manufacturing division since joining ENTEK in 2007 as a Design Engineer, Marvin has exercised these aptitudes daily to help both ENTEK separator factories and our third party equipment customers to design, build, and commission highly technical production facilities. His involvement in multiple projects through the years, including critical work on the capacity expansion for ENTEK's US separator division in 2014, led to his promotion to Engineering Manager in 2018. In 2022, Marvin was once again promoted to VP of Engineering as he continues to lead both people and projects for ENTEK globally, including our recent Asia expansions and US turnkey factory development for our third party customers. Marvin attended Oregon Institute of Technology, where he majored in mechanical engineering technology.





## Henderson Update

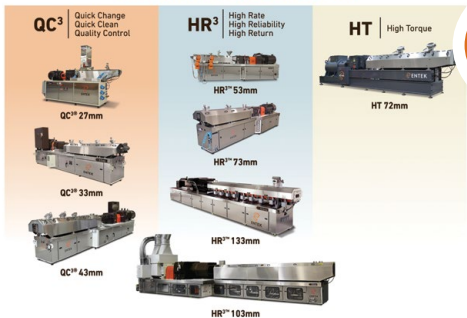
The new Henderson facility is starting to fill up as the new manufacturing equipment arrives. Several pieces are now in place and are at various stages in the commissioning process. This process of equipment being brought on line as soon as each piece is delivered will continue until the last piece arrives at the end of July. This is great news as we expect to be test cutting parts by March 1st.

To date we have hired a full shift of machinists, a machine shop manager, engineers and IT staff to work in Henderson. All of the employees hired have been trained at our headquarters in Lebanon, OR, so that they have the opportunity to learn ENTEK's processes while waiting for the machinery to become production ready.

Watch for more updates on the Henderson facility in the future.



### ENTEK Co-rotating Twin-Screw Extruder Throughput Rates\* (lbs/hr)



**NEW!**

## ENTEK Co-Rotating Twin Screw Extruder Specs

We have published an all-new spec sheet with updated data on our entire line of co-rotating twin-screw extruders. The sheet features throughput rates in lbs/hr for our QC<sup>3</sup>, HR<sup>3</sup>, and HT extruder lines. Contact us today for your copy!

Products & Processes	QC <sup>3</sup> 27mm	QC <sup>3</sup> 33mm	QC <sup>3</sup> 43mm	HR <sup>3</sup> 53mm	HR <sup>3</sup> 73mm	HR <sup>3</sup> 103mm	HR <sup>3</sup> 133mm	HT 72mm
Max Screw Speed (rpm)	1200	1400	1200	1200	900	600	600	1200
Max Power (hp)	40	100	200	300	450	1400	2000	1200
HDPE, LDPE, PP compounding Maximum rate capability (gph)	100 - 250	300 - 700	500 - 1,400	800 - 2,000	2,200 - 5,400	3,700 - 9,500	4,700 - 17,000	2,800 - 10,800
PS, SAN, ABS compounding Maximum rate capability (gph)	150 - 250	450 - 600	800 - 1,200	1,200 - 1,800	3,400 - 4,700	5,800 - 9,500	10,300 - 17,000	4,300 - 9,400
PC, PA, 6/6, 6/10, 6/12, 11, 12 compounding Maximum rate capability (gph)	100 - 200	250 - 550	450 - 1,100	700 - 1,400	1,800 - 4,300	2,800 - 7,500	5,000 - 13,500	2,300 - 8,600
Fiber Filled (organic) Clatins, WPC compounding Maximum rate capability	50 - 150	200 - 500	350 - 1,000	500 - 1,400	1,000 - 2,500	2,500 - 5,000	4,000 - 12,000	1,500 - 3,000

**ENTEK** EXTRUDERS  
PO Box 29, 250 Homestead Avenue, Lebanon, Oregon, USA, 97355  
Tel: 541-259-1068 | Fax: 541-259-8018 | www.enteck.com





Now Streaming



## Stream Our Latest Webinars!

In 2021, our technical staff produced two webinars through *Plastics Technology* magazine. Click below to learn more and watch these presentations!



**Dean Elliott**  
*Technical Processing Manager*



**Ryley Jones**  
*Mechanical Engineering Supervisor*



**Dean Elliott**  
*Technical Processing Manager*

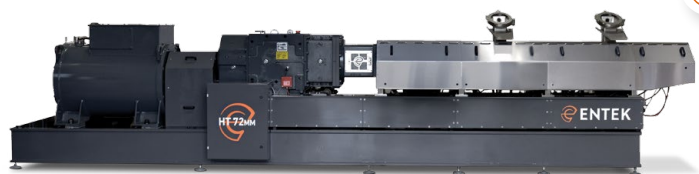
### The Future of Compounding is Now

Presented by Dean Elliott, *ENTEK Technical Processing Manager*, and Ryley Jones, *ENTEK Mechanical Engineering Supervisor*

Link to webinar: [www.ptonline.com/events/details/the-future-of-compounding-is-now](http://www.ptonline.com/events/details/the-future-of-compounding-is-now)

How a compounding extruder achieves industry leading output rates for both torque – and volume-limiting compounds.

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/cm<sup>3</sup> 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.



### Biopolymer Compounding Done Right

Presented by Dean Elliott, *ENTEK Technical Processing Manager*

Link to webinar: [www.bigmarker.com/gardner-business-media-inc-w1/Biopolymer-Compounding-Done-Right?utm\\_bmc\\_r\\_source=web](http://www.bigmarker.com/gardner-business-media-inc-w1/Biopolymer-Compounding-Done-Right?utm_bmc_r_source=web)

There is a huge push from governments and consumers to use biodegradable polymers; most of their attention is focused on eliminating single-use, petroleum-based polymers.

Biopolymers often do not meet required product property requirements in their pure form. Additives, fillers, and sometimes a portion of petroleum-based polymers are compounded into a biopolymer matrix to enhance product properties in order to meet product property requirements and/or reduce cost. Biopolymer compounds typically include a compounding step more than likely performed on a co-rotating twin-screw extruder (TSE). This presentation discusses preferential configurations of a co-rotating TSE and provides operator processing tips to achieve the highest possible output rates while achieving mix quality without over-shearing the materials.





# We Are ENTEK



## 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



### Women Breaking the Mold

Nashville, TN  
November 14-15, 2022



## Who to Contact

### ENTEK

PO Box 39,  
200 Hansard Avenue  
Lebanon, OR 97355  
Tel. 541-259-1068  
FAX 541-259-8018  
[www.entek.com](http://www.entek.com)

**Kim Medford**  
*President*  
E-mail: [kmedford@entek.com](mailto:kmedford@entek.com)

**Linda Campbell**  
*Vice President – Extrusion Sales*  
E-mail: [lcampbell@entek.com](mailto:lcampbell@entek.com)

**Darla Bulmer**  
*Customer Support Manager*  
E-mail: [dbulmer@entek.com](mailto:dbulmer@entek.com)

**Dean Elliott**  
*Technical Processing Manager*  
E-mail: [delliott@entek.com](mailto:delliott@entek.com)

**Rick Buschini**  
*Vice President – Material Handling Sales*  
Tel. 714-854-1300  
E-mail: [RickB@AEF-inc.com](mailto:RickB@AEF-inc.com)

**Tammy Straw**  
*Marketing and Business Development Manager*  
E-mail: [tstraw@entek.com](mailto:tstraw@entek.com)

**Kelsey Dennis**  
*Inside Sales*  
E-mail: [kdennis@entek.com](mailto:kdennis@entek.com)

**Alicia Lindsay**  
*Inside Sales*  
E-mail: [alicia.lindsay@entek.com](mailto:alicia.lindsay@entek.com)

**Jennie Norris**  
*Inside Sales Manager – New Equipment*  
E-mail: [jennie.norris@entek.com](mailto:jennie.norris@entek.com)

**Mike McDaniel**  
*Sales Project Coordinator*  
E-mail: [mmcdaniel@entek.com](mailto:mmcdaniel@entek.com)

**Austin Lindsey**  
*Regional Sales Manager*  
Tel. 541-259-1068  
E-mail: [alindsey@entek.com](mailto:alindsey@entek.com)

**Craig Clayton**  
*Regional Sales Manager*  
Tel. 541-223-1851  
E-mail: [craig.clayton@entek.com](mailto:craig.clayton@entek.com)

**Al Bailey**  
*Sales Engineer*  
E-mail: [abailey@entek.com](mailto:abailey@entek.com)



RAISING EXPECTATIONS. KEEPING THEM THERE.

EXTRUSION SOLUTIONS is an ENTEK publication. Visit us at [www.entek.com](http://www.entek.com)

Connect with Us on LinkedIn

Follow Us on Twitter @ENTEK\_Extruders



MARCH 2022 PAGE 6