



York Precision
MACHINING & HYDRAULICS

Building exceptional People-Products-Place-Partners

yorkpmh.com

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NEWS

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This Quarter's theme:
LEAN Transformation

**“If you always do what you always did,
you’ll always get what you’ve always got.”**

– Henry Ford, Ford Motor Company



Pictured is Carolyn operating one of our new machines, the Doosan Puma 700 XLY. This live tool, live “Y” axis CNC lathe can machine parts over 200 inches long.

Q&A On LEAN Transformation w/ Jeff, Operations Manager

What is LEAN and how is the transition impacting YPMH?

Jeff: *“LEAN transformation is a business strategy that aims to continuously improve efficiency, processes and eliminate waste within an organization. LEAN is a never-ending journey of continuous improvement. Ultimately, it helps York Precision Machining & Hydraulics deliver our mission. We work together with excellence to deliver high quality parts in spec and on time.”*

How has the centralized tooling location affected our shop’s workflow?

Jeff: *“It has reduced downtime and setup time for our machinists. A machinist would come to the centralized tooling location to pull tooling and place it in a mobile cart that goes back to their work center. This reduces the footprint of every machine operator so that set up is easier, and they’re away from their machines less. Centralizing it also gives us the benefit of*

having point of use, so the operators can flex away from their machines during run time to perform set ups.”

Tell us about the new machines – how have these impacted our production?

Jeff: *“The new CNC Mill can hold up to 33 different pieces of tooling equipment, versus a traditional one pocket mill, saving time on set ups. We have also incorporated a new CNC large capacity lathe with live tooling (pictured). We still have a large capacity lathe with more traditional 'single tool' capabilities that we're looking to enhance.*

Our new vertical hone is a CNC hone which allows us to program the amount of material we want to remove. The benefit beyond safety of the employee is that it is also liquid cooled, so the part stays within the machining and customer's specifications and does not grow, eliminating any need for downtime prior to any metrology operations. Another benefit of the horizontal hone versus traditional horizontal honing is the enhanced safety features like the light curtains as well as the liquid cooled coating solution.”

Are there any other mechanical enhancements on the shop floor besides new machining?

Jeff: *“As part of our LEAN journey another thing that we've taken advantage of in all of our CNC work centers is tooling that enhances the number of pieces that we can machine at one particular time. Traditionally we used a single piece vice, but bracing tombstones now allow us to run 8 pieces simultaneously, complementing our new machinery.”*

Have you seen an impact on the company culture due to LEAN methodologies being implemented?

Jeff: *“Absolutely, we've seen a culture shift along with our LEAN transformation to embrace LEAN methodologies. Colleagues work cross functionally to improve processes, and employees feel empowered to make positive changes within the company.”*



Above a member of our Quality Team inspects a part with a Faro Arm.

Shout Out to Our Inspection Professionals!

By Jeff, Operations Manager

Attention all professionals! Let's take a moment to appreciate the power of a great inspection team!

In today's fast-paced and quality-driven world, ensuring that our products and services meet the highest standards is paramount. That's where inspection teams come in, with their keen eyes and meticulous attention to detail. They are the unsung heroes who catch even the tiniest imperfections, as small as the thickness of a human hair!

Every day, these diligent professionals embark on a mission to identify and rectify any

potential flaws that might compromise the excellence of our work. They leave no stone unturned, working tirelessly to guarantee that our products are flawless, safe, and reliable. Their commitment to excellence and pursuit of perfection sets the bar high for all of us.

Think about it—catching an imperfection as minute as the thickness of a human hair requires an extraordinary level of expertise and precision. It's a testament to the incredible capabilities possessed by these inspection teams. Their meticulousness and acute attention to detail can make a world of difference, ensuring that our customers receive nothing but the very best.

Beyond their extraordinary ability to spot minuscule flaws, inspection teams bring immense value to our organizations. They play a critical role in enhancing efficiency, reducing costs, and improving overall quality control processes. By identifying issues early on, they prevent potential setbacks and save us from customer dissatisfaction. Their work truly empowers us to consistently deliver outstanding results.

Let's take a moment to express our gratitude to the inspection teams that diligently work behind the scenes. Their unwavering dedication and expertise contribute significantly to our success and reputation. So, if you have a fantastic inspection team in your organization, don't forget to acknowledge their efforts and celebrate their achievements.

To all the exceptional inspectors out there, thank you for your commitment to perfection and your relentless pursuit of excellence. You are the champions who ensure that even the smallest imperfections are caught before they have a chance to impact our work. Together, we can continue to raise the bar and exceed expectations!



New Employees at York Precision

Please join us in welcoming our new employees at YPMH! From top we have Troy, CNC Machinist, Shane, CNC Programmer, and Gail, Administrative Support Specialist.

Troy is a machinist on our production floor. Outside of work, he owns his own business. He likes working on cars and motorcycles. Troy enjoys spending time with his wife and 3 kids. He also likes hunting and fishing, and he has a 4-foot long ball python.



Shane is a CNC Programmer. Outside of work, he enjoys 3D printing. In his free time, you can catch Shane riding his motorcycle or snowboarding on the slopes. He also enjoys fishing, boating, and gardening.



As the Administrative Support Specialist, Gail is front line hospitality. Outside of work, she and her husband are avid "birders" and enjoy trips to Wilmington, NC, to see their son and family. Gail also enjoys baking, especially when it turns out right the first time. Most mornings before work, Gail likes to go to the gym to work out or take an early morning power walk. She also enjoys gardening and putzing around with her flowers and plants.

We are happy to have these great folks on our team!

Employee Activities

We Value the People in Our Workplace!

Our mission emphasizes trust and respect. We are also a work hard play hard culture, and we value partnerships!



Ice Cream Social - In August we celebrated our annual Employee Appreciation Week! This included our annual Ice Cream Social with a local ice cream truck. We invited some of our partners and vendors to enjoy along with us! This annual ice cream social gives our vendors an opportunity to meet our team while networking with us and each other.

Annual Egg Toss Contest

Another part of Employee Appreciation Week includes the annual egg toss contest with prizes to be won. Pictured are the winning teams! From left to right we have Robbie, Dan, Marcel and Nick. Congrats on your eggstraordinary skills!



YorkPMH Attends MANTEC Conference

YorkPMH attended MANTEC's 2023 Smart Manufacturing Conference at Spooky Nook Sports. This conference features dynamic presenters with insights you can use. Pictured is one of the conference presenters, Jen Reiner (right). She put helpful structure around innovation. Also pictured is our Business Manager, Michele!

GD&T Training - YorkPMH is midway through a Geometric Dimensioning & Tolerancing (GD&T) course involving a cross-section of our teams, including engineering, machining, project management and quality. Think of GD&T as “manufacturing math” and for a company like ours, doing high precision custom work, learning across teams on GD&T math and skills can yield benefits in terms of increased efficiency without sacrificing quality. Here, members of our team attend a presentation by trainer Matt Chronister, of Manufacturing Association of South Central PA (MASCPA).



CNC Machining Saved His Life - Members of YorkPMH at the Manufacturers' Expo presented by The Manufacturers' Association hear the inspiring message of Titan Gilroy, CEO of Titans of CNC. He is an advocate of US manufacturing —and second chances.

US Navy Submarine CMC Visits YorkPMH

YorkPMH was honored to host Command Master Chief (CMC) Jeff Hiscocks, of the US Navy submarine program, for a tour and meeting with our employees. He was accompanied by Chris Medford, lead for NAVSEA's submarine industrial base workforce efforts in Pennsylvania; and Becky Becker, with the Manufacturers Association (MASCPA) and facilitator of the local Navy pipeline.



Design-2-Part Trade Show - Members of our team attended the Mid-Atlantic Design-2-Part Show in Philadelphia. This is the largest design and contract manufacturing trade show in the region. Trade shows like this are a great tool for us to expand our vendor relations.



Employee Anniversaries This Quarter

July, 2023

Jeff, Inspection, 20 years

August, 2023

Justin (JB), Machinist, 20 years

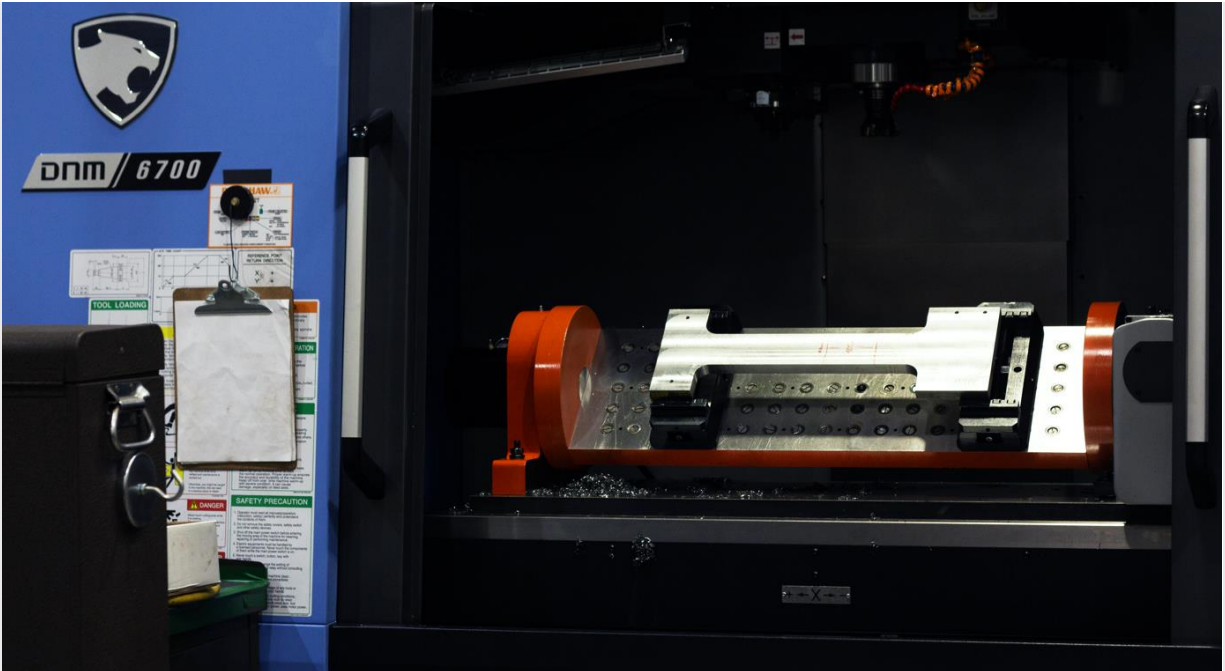
September, 2023

Jacob, Operations Specialist, 5 years

Brian (Buzz), Shipping Manager, 35 years

October, 2023

Rafael, Machinist, 5 years



Precision Machining and the Industries It Serves

By Michele, Business Manager

How precisely can we make a part? We repeatedly machine to the third decimal point. That's thinner than a human hair. At times, our military parts require machining to the fourth decimal point. Few, if any, precision machining companies can achieve such results time after time. We provide custom precision machining solutions for a large number of industries. A few examples include:

Defense: From missile launchers to X-ray inspection vehicles, military equipment must be highly accurate and precise. Our custom machined parts play a role in many types of defense equipment, protecting operators and nearby personnel and offering reliable operation.

Manufacturing: Precision machining offers high repeatability and can support large volumes of products, making it an excellent method of choice for manufacturers. Tight tolerances allow these businesses to achieve high accuracy every time.

Aerospace: Like defense industries, the aerospace industries need extremely accurate parts. They may need particularly unique shapes to maintain aerodynamics or support complex systems. They also tend to use expensive metals that offer the right combination of performance characteristics, like lightweight construction. They need the dependable

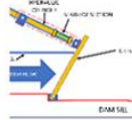
cutting processes and capabilities of precision machining technology.

Automotive: The auto industry relies on custom precision machining to create safe and aesthetically pleasing vehicles that can be built again and again. Custom machining offers quick prototypes and consistent parts available with a variety of appearances.

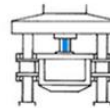
Testing: Precision testing is required in many industries, with applications such as safety, quality assurance, aerospace testing and destructive testing.



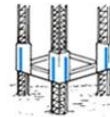
Mobile
Failsafe load-holding,
stabilizing, locks when
pressure is removed



Civil Engineering
No slip locks, optimize
performance, minimize
downtime, bi-directional



Manufacturing Hydraulics
Infinite position, instant
locking under heavy load
cycling, zero backlash



Marine & Subsea
Failsafe locking, durable,
long-term heavy loads, high
system stiffness

Bear-Loc® Commendation - (pictured above are some industries Bear-Loc® serves.)

A YorkPMH manager recalls our first meeting with a leading manufacturer in our region. He says, "The manufacturer flew all over the world trying to find a locking actuator that instantly locks and does not move. He found us right in his backyard, so to speak. He said to me, 'You're the only one in the world, do you know that?'"

Bear-Loc® features are unparalleled. Click the link below to learn more and get a free quote!



Supplier Highlights

This quarter we highlight a supplier who went above and beyond requirements to provide excellent service. Thank you! We value your partnership!

By Lauren, Media Strategies Coordinator

This quarter we highlight a supplier who went above and beyond requirements to provide excellent service. Kudos to Millennium, our distributor, who modified our new Wire EDM machine to fit our needs. They also came onsite to train our staff on the machine and ensure success in installation and start-up.

Millennium Machinery serves as a machine tool distributor, representing several retailers including Mitsubishi, System 3R, Ebbco, and more. Millennium also specializes in EDM machines and has grown to include high-quality laser, press brake, sinker, waterjet, milling, and grinding machines. They also have an in-house fixture machine shop dedicated to building work-holding fixtures.

They believe it's important to train customers' operators on the machines they sell, so they offer classes on machine maintenance, programming, and fixture implementation. This is a value-added service offered to enhance the Millennium experience. Fully supporting their machines is something they believe in.

You can reach Millennium by calling 1-877-464-1148 or by visiting their website <https://www.millenniummachinery.com/>

It is growing cold. Winter is putting footsteps in the meadow.

Wishing you and yours a cozy holiday season!

- The YorkPMH Team



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