

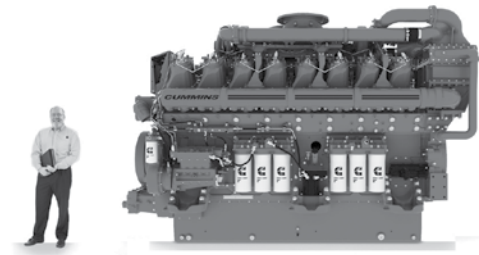
Fastener Forum

The Official Newsletter of Nelson® Fastener Systems, Issue 3

FERRY CAP AWARDED THE HEDGEHOG

Cummins® Hedgehog. Recently, Ferry Cap was awarded the job for critical fastener parts for Cummins new engine program; the 16 cylinder QSK95. It is the largest high-speed diesel engine the company has ever built.

The engine is nicknamed "Hedgehog" because it will meet the most stringent emissions standards from the US EPA as



well as Tier 4 final regulations.

The engine is a 4,000 Horsepower, 95 Liter, 16 Cylinder behemoth designed for mining dump trucks, large locomotives, or as an independent generator large enough to power 3,500 average homes. It will be built in Seymour, Indiana.

Ferry Cap was awarded the critical engine fasteners for 12 new parts of new business over the next 3 years.

Because the engine is so large, the parts themselves are larger diameter bolts, studs, and nuts in the M25 size range. It will include the main studs, cylinder head studs, crank bolts, main nuts, and support bolts.

Cummins has plans to develop a QSK120 engine that adds 4 cylinders using the same platform in order to achieve over 5,000 HP.

The size of the engine dictates high strength fasteners for demanding applications that fall within the niche of Ferry Cap and Nelson® Fastener Systems.

AROUND THE COMPANIES



A Nelson Fastener Systems Company

Please welcome Natalie Simko to Specialty Bar Products as our new Buyer/Planner. Natalie is a graduate of Indiana University of Pennsylvania. Her background includes purchasing, receiving, inventory management, and continuous improvement. Most recently she worked as a Material Planner for a sheet metal fabricator. Natalie lives in Blairsville. In her free time she enjoys hiking, kayaking, concerts, festivals, and spending time with family and friends. Please feel free to introduce yourself and welcome Natalie to the Specialty Bar Products family.



Celebrating the opening of our office in India, the Indian flag goes up outside Nelson world headquarters in Elyria, OH. Pictured L to R: Kamal Varma, Kunal Mahendru and Kevin Lytle.



Look for new signage throughout the Nelson family. Window & truck decals as well as new awnings and signs are starting to appear around the world.

To showcase the importance of manufacturing in Lorain County, Ohio, the Lorain County Growth Partnership sponsored "Manufacturing Month" throughout October.

Events were held at a variety of locations around Lorain County. Nelson's own, **Ian Houston** (Construction Engineering Manager) took part in a panel discussion at Avon High School on October 12th.

Ian and members of the panel had the opportunity to talk with students firsthand about careers in engineering and manufacturing. This is the second year Nelson has taken part in the event. Thanks for your participation Ian!



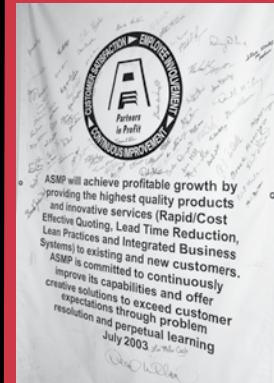
COMPANY SPOTLIGHT



Automatic SMP®

A Nelson Fastener Systems Company

DECATUR, AL



Automatic Screw Machine Products® (ASMP) Company began in 1914 in Chicago prospering during WWI making steam boiler regulators on screw machines. **ASMP just celebrated the century milestone in 2014!** After WWI, the company's focus turned to the development of stainless steel hex

nuts to support the commercial aircraft market due to economic demands. ASMP weathered the Great Depression and emerged as a major manufacturer of high quality nuts to the aviation industry which was booming for WWII use. In the mid-1940's, ASMP expanded to Booneville, Mississippi. Soon, management began to realize that the Booneville area made it difficult to hire experienced machinists. This brought ASMP to Decatur, AL in 1948.

During the 1950's, all precision aircraft nut manufacturing operations were relocated to Decatur from Chicago, followed by all other operations in the 70's.

In 1965, ASMP formed its own distribution company; the Homan Fasteners Division. Not only did it distribute ASMP products but those of other manufacturers too. A merger was made with another Southern distributor in 1992 and the very successful Assembly Component Systems, Inc. (ACS) was formed.

Lawson Products, Inc. was attracted to ASMP and its distribution arm (ACS) and purchased the pair in 1996. ACS was later split from ASMP in 2003.

In order to expand the fastener division into the aerospace industry, Nelson® Fastener Systems purchased ASMP in 2014 and made them part of the division.

ASMP's forte is internal threading, primarily for the aerospace industry. Much of ASMP's business comes from the aerospace industry (including military & defense). Boeing, the world's largest aerospace company is one of ASMP's major customers. Today, ASMP is the primary supplier of Boeing's BACN-10 JD and 11U nut families.

With safety, quality, delivery, costs & growth as the major focuses of "Team Automatic", many innovative

systems have been implemented that support production running smoothly and efficiently. For example, ASMP makes effective use of visual systems throughout the factory that helps identify the current status of manufacturing jobs and instills the use of FIFO practices. Team members can now identify parts from across the floor and know exactly where and when they need to be.

ASMP also boasts a best-in-class process for manufacturing high-precision, double-ended studs and a highly competitive burr free cross-drilling process. Both of these processes were designed and

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EMPLOYEE SPOTLIGHT



Wanda Marlow
Business Development Manager,
Automatic SMP® - Decatur, AL

How long have you been with ASMP? 24 years. I have the privilege of representing Automatic with our customers.

What other positions have you held there? Before transitioning to sales for Automatic in 2001, I was Regional Sales Mgr. for 'Assembly Components Systems', a commercial fastener distributor previously owned by Automatic.

Family? Husband of 46 years, Clay. 2 Daughters - Amber & Tawny, 2 sons-in-law - Lee & Jason, 4 grandchildren - McKenzie, Grayson, Tanner & Clayton. I'm so blessed with a wonderful family! (I often catch myself doing that gushing, "braggy" grandparent thing!)

Hobbies? I enjoy playing the piano - not because I'm a great pianist, but because I find it relaxing!

How long is your commute? Where do you live? Decatur, 5 miles from the office.

What do you find most challenging at ASMP? Staying on top of the changes, trends and directions of Automatic's specific customer base.

How has the company changed since you started? The dress code is a little different!!! Also Automatic was privately owned when I began working here and we now are part of a corporate structure.

What do you wish other people knew about the company? We have hard-working, dedicated people working at our facility; from quoting through invoicing. This includes persons who operate the machines, inspect the parts and ship parts to our customers - these are the people who make it possible for Automatic to be successful at what we do.

As an employee, what sort of trends do you see? Greater focus on rules & procedures concerning safety & security. I see this with our customers also.

Best workplace memory? Company picnics were special; an opportunity to meet and visit in a casual environment with co-workers and his/her family members.

Bacon or chocolate? Chocolate

Deep dish or thin crust? Thin

Favorite Superhero? Wonder Woman, so I could accomplish everything I want to accomplish in a day!

How do you like your coffee? In someone else's cup - I'm not a coffee drinker.

What is the wallpaper on your cellphone? Picture of grandchildren.

PHOTO CONTEST!

We want to see Nelson products on the job!

Send us your high-resolution pics showing fasteners being used, equipment at work, or cool photos of products in general. We'll feature a new winner every month. Please include your company, product featured, location and description.

Winners will receive some Nelson swag!

Email to Kelly.Foos@NelsonFastenerSystems.com.

Open to all Nelson Fastener Systems customers and employees. All photo entries become the property of Nelson Fastener Systems and may be used in other promotions without further permission or compensation to the photographer or representing companies.



This month's winner:

Cindy Garrett, Purchasing Manager - Hirschfield Industries
Tappan Zee Bridge over the Hudson River, NY

ASK THE PRESIDENT



KEN CARATELLI
President,
Nelson®
Fastener Systems

Have a Question to Ask Ken?
Submit it to:
Ask.Nelson@NelsonFastenerSystems.com

November's Question for Ken

When do you see the Power Generation market picking up again?

Ken's Response:

The Power Gen market has three facets.

- (1) Industrial Gas Turbines (IGT) and Steam
- (2) Power Plant Construction
- (3) Diesel Powered Engines

The first two are growing at the expected rates, while the Diesel Powered segment has been hit hard by the decline in the oil, gas and mining industries. Industry forecasts suggest that the Diesel Powered segment has bottomed out and recovery should be eminent in 2017.

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built by experienced ASMP engineers.

Some interesting products engineered and produced at ASMP include:

- Fastening components used across all the Boeing aircraft platforms. ASMP is proud of the fact that they keep aircraft safe & operating smoothly.
- Critical fasteners for the engine transmission assembly used on the Sikorsky's Black Hawk and other helicopters.
- Military & defense components like Boeing's SDB (small diameter bomb).

NELSON FASTENER SYSTEMS



Spiegelberg Manufacturing™
A Nelson Fastener Systems Company



ASMP is also assisting other Nelson sister companies to fulfill customer requests such as:

- Ferry Cap's™ spanner nuts for CAT® & Cummins® engines.
- Manufacturing Nelson® Stud Welding's Next Generation (T4) studs & the current high-volume cylinder assembly studs for EMD's train engine products.

Nelson Fastener Systems is proud to have acquired ASMP and they have become an integral part of the family of companies. To learn more about ASMP, visit www.AutomaticSMP.com

Nelson® Fastener Systems

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