

MANUFACTURING DAILY FUN FACTS

Mon, Oct 3	<p>1. “Today, everything is made in China” is not true. The United States leads the world in production with 19%, China is 2nd with 14% and Japan is 3rd with 9%. For the top 20 facts about US Manufacturing, go to http://www.nam.org/Newsroom/Top-20-Facts-About-Manufacturing/ Florida ranks # 5 in the United States in manufacturing. Florida manufacturing employs over 350,000 people. Local manufacturers provide jobs for 9,000 + people in our area. For facts about Florida Manufacturing go to http://www.nam.org/Data-and-Reports/State-Manufacturing-Data/Florida/</p>
Tue, Oct 4	<p>2. Pierce Manufacturing makes fire trucks. One of the company’s innovations is the “Snuzzle”, a boom mounted high pressure water sprayer that can be maneuvered to deliver water or other fire suppressant chemicals to roof tops. The Snuzzle is capable of spraying water at 5,500 lbs of force; strong enough to pierce 12 gage steel. Form more information about Pierce Manufacturing, go to http://www.piercemfg.com/</p>
Wed, Oct 5	<p>3. More than 14,000,000 bandages can be produced in a single day in Sarasota! ASO employs 150 people who utilize the latest automation to meet the demands of their customers all over the United States. For more information about ASO, go to http://www.asocorp.com/</p>
Thu, Oct 6	<p>4. All of the world’s aviation underwater locator beacons are made in Sarasota. Radiant Power/Dukane Seacom manufacturers fabricate, test and service over 175 beacons daily, and have a worldwide install base of over 150,000 units. These devices are required equipment on all commercial and business aircraft, as well as most military fighters and transports. For more information about Radiant Power, go to http://www.radiantpowercorp.com/</p>
Fri, Oct 7	<p>5. How do Tervis insulated tumblers keep hot drinks hot and cold drinks cold? Customers may choose from 6,000 different decorative emblems which are placed between the inner and outer shells before they are sonically welded together. The quality of materials used in their proprietary manufacturing process mean that Tervis products last a long, long time. For more information about Tervis, go to http://www.tervis.com/about-tervis</p>
Mon, Oct 10	<p>6. Apollo Sunguard practices Biomimicry; the science of copying Mother Nature’s designs. Sunguard shade structures emulate a natural shade tree to produce a shade canopy that can lower temperatures by up to 20F. Air flows through their material, as it does through tree leaves while blocking harmful UV rays. For more information about Apollo Sunguard, go to http://www.apollosunguard.com/</p>
Tue, Oct 11	<p>7. PGT, maker of insulated storm proof doors and windows, processes enough sheets of glass each year to cover 520 NFL football fields. That’s over 30 million square feet! If the extrusion used for PGT frames were laid end to end, it would reach from Miami, FL to Seattle WA. For more information about PGT, go to http://www.pgtindustries.com/</p>
Wed, Oct 12	<p>8. Youngest manufacturers? RDM, Research Development Manufacturing, was founded and operated by Braden River High School students. They use 3D printers to build proto-types for customer. For more information about RDM, check out a recent news article, http://heraldtribune.com/news/20150927/sunday-profile-high-school-senior----</p>

	and-cfo
Thu, Oct 13	9. Concert violinists and rock guitarists around the world rely upon Super Sensitive Musical Strings and Black Diamond electric guitar strings produced by The Cavanaugh Company in Sarasota. For more information about The Cavanaugh Company, go to http://www.cavanaughcompany.com/
Fri, Oct 14	10. Paid to tour the world? Teak Decking Systems Inc. sends employees to exotic locations like Singapore, Australia and Spain to supervise the installation of their custom wood products. Find out more about Teak Decking Systems, go to http://teakdeckcompany.com/
Mon, Oct 17	11. Aladdin Equipment Company supplies replacement parts to 4,544,000 swimming pools in the USA. Aladdin manufactures the most extensive line of baskets, gaskets and O-rings in the industry which has made Aladdin Equipment the industry leader. Find out more about Aladdin Equipment Company, go to http://www.aladdin1950.com/
Tue, Oct 18	12. PROFILE® PACKAGING, INC., one of the companies under the banner name PPI Technologies GROUP , makes form, fill and seal packaging equipment. The machines package a wide array of products in environmentally-friendly pouches rather than cans or boxes. Profile Packaging Inc. has sold 1700 machines. <u>Over 1 billion pouches</u> have been run on these machines, which is equal to <u>three pouches for every person in the USA</u> . For more information about PPI Technologies, go to http://www.ppitechnologies.com/
Wed, Oct 19	13. Headquartered in Sarasota, Intertape Polymer Group, is one of the largest producers of a variety of tapes and films in North America. In one year, IPG made enough of one type of tape to stretch from its factory to the Moon more than 36 times – Now that’s a LOT of sticky tape! To find out more information about Intertape Polymer Group, go to https://www.itape.com/
Thu, Oct 20	14. Walk into any Beall’s Outlet retail store in Sarasota/Manatee. All of the instore signage you see was produced at Sun Graphic Technologies. For more information about Sun Graphic Technologies, go to http://www.sungraphictechnologies.com/
Fri, Oct 21	15. Why does Air Products make their natural gas liquefier from aluminum? Aluminum is lighter than steel. It also has a better strength to weight ratio than steel, This is important considering the fact that the first Air Products gas liquefier shipped from Port Manatee was almost as long as a football field and weighed 700,000 pounds. That’s as much as 233 Volkswagen Beetle cars. The grades of aluminum used in Air Products pressure vessels are also stronger at the cryogenic temperatures (minus 385 degrees Fahrenheit) in which they operate. For more information about Air Products, go to http://www.airproducts.com/
Mon, Oct 24	No School – Professional Day
Tue, Oct 25	16. The United States discards 300 million auto tires every year. Columbus McKinnon makes a tire shredding machine capable of grinding 2 ½ million tires per year. The tire regrind is recycled into a fuel additive burned to produce electrical power. For more information about CM, go to http://www.cmtirerecyclingequipment.com/default.aspx?id=19041

Wed, Oct 26	17. Bari Woodwinds Inc. in Palmetto makes reeds for woodwinds. Made from engineering grade plastic rather than traditional cane, these special reeds are used all over the world. For more information about Bari Woodwinds, go to http://www.bariwoodwind.com/
Thu, Oct 27	18. One of a kind? Made in America? Hilton International uses parts made in the USA to build <u>unique</u> wire winding equipment in Sarasota. For more information about Hilton International Industries, go to http://hiltonind.com/
Fri, Oct 28	19. Starting as a small retail pastry shop more than 35 years ago, St. Armand's Baking Company has grown into a commercial bakery. Housed on 8 acres in Bradenton, STARBAKE provides baked goods to restaurants, hospitals, and nursing homes... even schools! For more information about St. Armand's Baking Company, go to http://www.starbake.com/
Mon, Oct 31	20. Mustang Vacuum Systems (MVS) makes equipment that can generate a high intensity plasma in an environment similar to outer space (i.e. a vacuum). This allows users to deposit layers of metal or ceramics that are 10 nanometers thick (5000 times thinner than a human hair). One of MVS's largest manufacturing systems sells for \$9,000,000 and is size of a two story house. The reflective headlight coatings on more than 100,000,000 cars in the US are applied using Mustang Vacuum Systems (MVS) equipment. Other end users include NASCAR and drag racing engines, top secret department of defense programs, plumbing fixtures, lipstick/mascara bottles, automotive headlights/interiors/exterior, firearms, cell phones and the computer servers at Facebook and Amazon. For more information about Mustang Vacuum Systems, go to http://mustangvac.com/
Tue, Nov 1	21. Without the use of complex instruments manufactured in Sarasota County, commercial and military jets couldn't fly safely. These instruments perform mandatory tests of jet fuel (more regulated than food and water) and prevent flameouts, fuel icing, static explosions, and other failures you wouldn't want at 30,000 feet altitude!"
Wed, Nov 2	22. Water and air purification systems made by CATEC – Custom Applied Technologies generate ozone. The extra molecule of oxygen in ozone seeks to attach itself to other molecules. When this happens the offending, polluting agent is eliminated. Ozone purification systems developed by CATEC are good for sustainability. They are used to recycle water in car washes and to purify rain water. For more information about CATEC, go to http://www.catec.com/
Thu, Nov 3	23. Every year Sun Hydraulics gets approximately 400 unsolicited applications from engineers across the country for summer internships. Sun brings on approximately 25-30 engineers as interns for the summer, while on boarding 5-8 engineers per year. For more information about Sun Hydraulics, go to http://www.sunhydraulics.com/
Fri, Nov 4	24. We often don't realize that food we take for granted every day is a manufactured product. Flowers Baking Company of Bradenton manufactures products you may recognize. Breads and rolls such as Sunbeam, Nature's Own, Wonder and Tastykake. The company's 196 people operate two production lines and produce 2 million pounds of bread/rolls a week. For more information about Flowers Baking Company, go to http://www.flowersfoods.com/