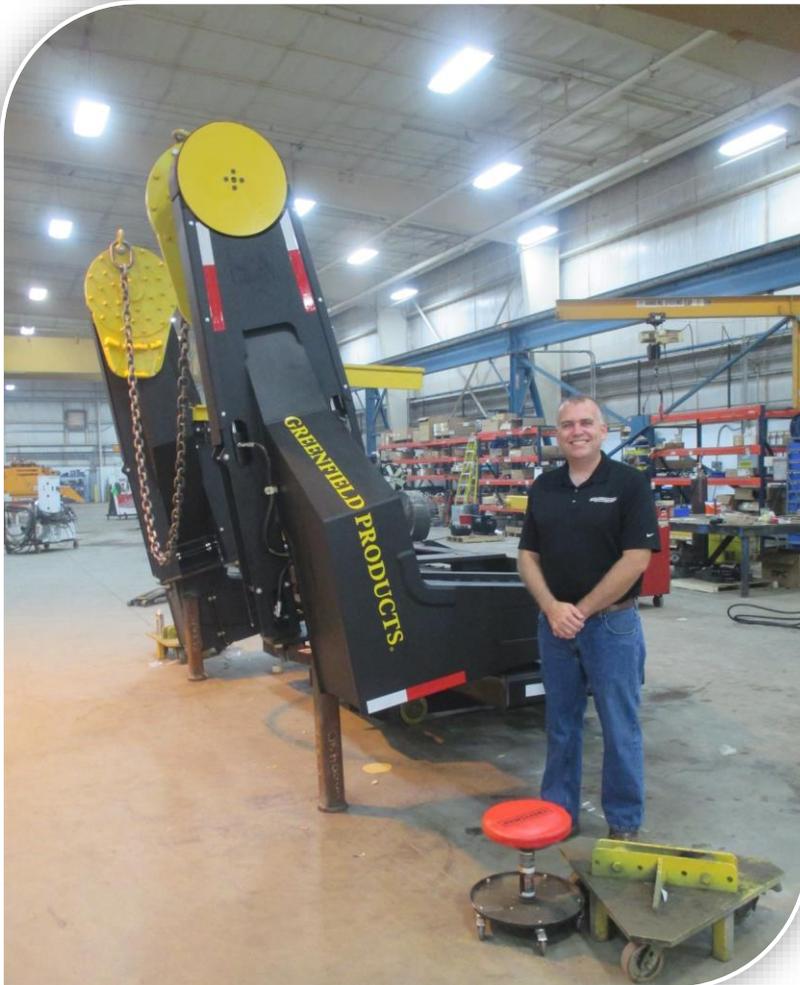


STEM SPOTLIGHT

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Greenfield Products, LLC

Bachelor of Science in Mechanical Engineering
University of Evansville in Evansville, Indiana
Professional Engineer



A tire handler unit that is preparing to ship to Australia. This piece of machinery will pick up large diameter tires (15 feet in diameter) on large haul trucks at mines. They can be found all over the world.

Q How did you select your college major?

A I have always been interested in the physical way things work in the world. As a young child I assembled many mechanical toys from Lego's to K'NEX and even erector sets. Engineering was a natural extension of my abilities. I also found the logic and rules of math easy, and enjoyed all of my math classes.

Q What was the biggest influence in your selection of a major/career?

A My natural interest in how things fit together and making them work.

Q If you could go back to high school and select any elective course to take that would have better prepared you for college, what would it be?

A I would have taken more AP classes, particularly in calculus.



Q What is your favorite aspect of your job?

A My job involves a variety of duties. I wear many hats and do some light electrical design, job management, people management, and of course, mechanical design.

Q How do you/your company make a positive impact on society/our community?

A Greenfield Products is always looking to provide the best solution for our customers. We specialize in designing material handling equipment. The majority of what we build is one-of-a-kind. So each design is built to optimize the handling requirements, which can save our customers money as well as improve the safety of their material handling operations.

Q What's the most interesting thing you have been able to do in your professional career?

A The most interesting ongoing projects I work on is tire handlers. We design and manufacture equipment that picks up the large tires on mining equipment. These tires are 15 feet in diameter and can weigh up to 35,000 lb.

Q What makes you get up each morning excited about your profession?

A I look forward to the challenge of a new project and excited to provide value to our customers.

Q What advice would you share with K-12 students who are considering your profession?

A Always strive to bring your best every day. Whether it is in your class work, in your home or out in your community. My work as an engineer has had a very positive effect on this world, and I strive everyday to improve and bring everything I have to the table to improve our products and services.