

A Rolling On Interroll success story from Stac Material Handling

ATTC MANUFACTURING INNOVATES WITH AUTOMATED PARTS HANDLING OF AUTOMOTIVE PARTS

Innovation in the global automotive industry isn't limited to obvious advancements such as novel powertrains, connectivity and autonomous driving. At automotive parts manufacturer ATTC Manufacturing, Inc. in Tell City, Indiana (US), an innovative new parts handling system configured by STAC MATERIAL HANDLING is driving process efficiency while reducing handling-related damage to the more than 10 million components ATTC makes each year.

ATTC's automated conveyor system seamlessly and safely moves parts between the plant's various manufacturing processes without the risks posed by human handling. That's a big plus for ATTC and its customers, including automotive powerhouse Toyota, Nissan, Honda, Hino and American Axle.

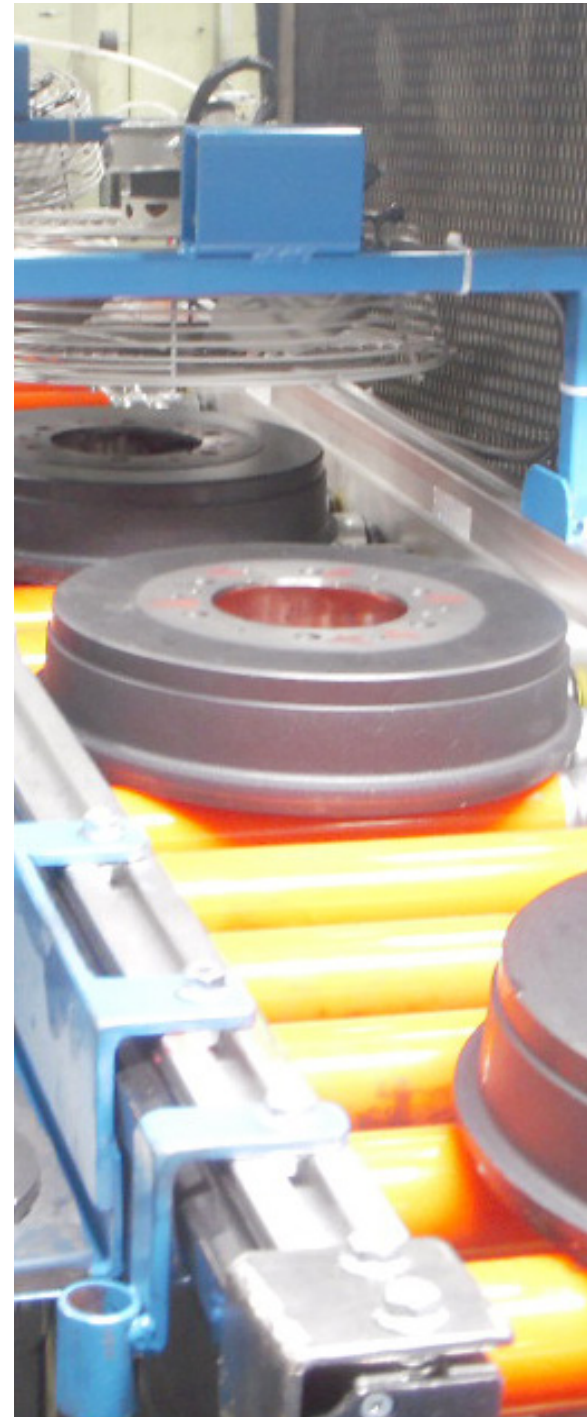
THE CHALLENGE

ATTC, where 400 team members turn raw castings into high-quality brake rotors, brake drums, steering knuckles, rear carriers, engine bearing caps, drive shaft brackets and differential cases, is no stranger to forward momentum. The plant's footprint has nearly doubled in size since 2002, mirroring the company's growth as it added new machinery and production lines

At the same time, ATTC's loading and unloading of parts between various machining processes remained an intensely manual process. The company needed a material handling solution that would optimize handling efficiency while minimizing handling-related damage to the parts it so carefully produces

THE SOLUTION

That's where STAC MATERIAL HANDLING's expertise came into play. Headquartered in Jasper, Indiana, barely an hour's drive from the ATTC site, STAC is a go-to material handling solutions provider to customers in all 50 US states as Canada, Mexico and Panama.





From solution design and provision of material handling to installation, Stac Material Handling prides itself on being a source of strength to its customers, delivering turnkey solutions for even large-scale projects. Whether the customer requires conveyors, racking, magazines or modular offices, the company's engineers and customer service staff bring integration, implementation and installation to life. On the design end, Stac collaborates with customers to develop bespoke solutions, partners with a range of manufacturers to ensure cost-effective solutions and installs those solutions onsite to the customer's full satisfaction — and success.

Listening closely to ATTC's specific needs, Stac developed an accumulation conveyor solution with Interroll's modular, zero-pressure-accumulation roller conveyor system at its heart. Interroll conveyor modules are driven by the industry-leading RollerDrive, which guarantees energy savings and operator safety due to low voltage drive technology.

Besides improved efficiency and reduced handling damage, ATTC discovered a big bonus as a result of the Stac solution based on Interroll automated material handling technology: It has been able to redistribute its workforce more value-added roles in the plant.



IN A NUTSHELL

ATTC is innovating right alongside the global automotive industry with an automated parts handling solution developed by STAC MATERIAL HANDLING. To fulfill ATTC's vision of achieving greater part handling efficiency and reducing handling-related parts damage, STAC developed an accumulation conveyor system centered on Interroll's modular conveyor system.

Once the concept proved successful in one process area, it was cascaded to other plant areas. Today, the solution makes an important contribution to ATTC's successful production and delivery of more than 10 million high-quality automotive components per year — and frees up skilled staff to tackle more value-adding tasks.

COMPANY DETAILS

STAC MATERIAL HANDLING

Since 2004, STAC MATERIAL HANDLING has stood for superior integration, implementation and installation of material handling solutions, consistently providing its customers in the United States, Canada, Mexico and Panama with the best possible solutions at the most competitive prices.

Better service, products and responses remain STAC MATERIAL HANDLING's hallmarks. Serious about its role as an essential contributor to its customers' successes, STAC acts as a true partner, looking out for customers' best interests, providing them with success-triggering solutions and supporting them with best-in-class service.



www.stacmh.com

STAC MATERIAL HANDLING

is official partner of the Interroll Group's international Rolling On Interroll program.



- As the systems integrator responsible for this strategic project, MODUMAQ chose the following key Interroll products: Modular conveyor platform (MCP), RollerDrives and Interroll elevators. The main reasons for these choices were product quality, fast delivery times and the level of support provided by Interroll Spain. The relationship between the two companies based on years of mutual trust also played a key role.