



Department of  
**Environment &  
Conservation**



## Stanley Black & Decker, Inc. – Jackson, TN

Stanley Black & Decker, Inc. of Jackson manufactures precision components for power tools and hand-carry air compressors. The Jackson facility also features a Warranty Exchange Center and Administrative Returns operation which receive stock, evaluate, and recondition professional power tools.

The Stanley Black & Decker facility employs nearly 800 teammates, generating approximately 38,000 units per day on three shifts. In Jackson, the company has made a strong commitment to the community through a variety of outreach programs and also serves as a leading example of sustainability for manufacturers in Tennessee.

Stanley Black & Decker, Inc. of Jackson has taken significant steps to reduce its waste generation and energy consumption. It has set a goal to become a landfill-free facility by 2020 and is on track to achieve net savings of over 1 million Kilowatt hours in 2019.

Such accomplishments have been possible due to a number of large scale sustainability projects. Other opportunities are in the works for the future, too.

- The facility is currently seeking funding for a waste heat recovery project that will eliminate the need for the two burners that currently produce 6.6 million BTUs of heat.
- Last year all of the lights in the parking lot, plant, and office areas were replaced with LED lighting, resulting in a 940,000 kilowatt hour annual reduction.
- The Jackson location has requested capital to build a 3.2 MW solar farm that will be placed on their 198 acre property.

## *StanleyBlack&Decker*

- **Newest Green Star Partner**
- **Goal of becoming Landfill Free by 2020**
- **Anticipated to save over a million Kilowatt hours in 2019**
- **Established in Jackson in 1965**



- The facility is partnering with local companies, Dale's Recycling and VLS Recovery, to develop a plan to use their waste paint and paint chips for waste-to-energy due to their high BTU value.

"We recently committed to recycling our latex gloves," said Lora Gans, EHS Manager for Stanley Black & Decker, "We even take rags from the Warranty Exchange Center and send them for laundering instead of going to the landfill."

This location's commitment to innovation and continuous improvement has led Stanley Black & Decker to name the Jackson facility as one of its four Lighthouse Factory locations within the company. As a Lighthouse Factory, the facility serves as a beacon for other Stanley Black & Decker plants around the world and has the opportunity to implement the latest technology from 3D printing, robotics, electronic data collection, electronic communication boards, and 3D virtual factory scanning.



Stanley Black & Decker is also committed to positively impacting the Jackson community. Starting in January 2019, Stanley Black & Decker and the Jackson Madison County School system will work together to implement a program called the Local Options & Opportunities Program, or LOOP. This program will provide high school seniors with the opportunity to thrive in a "hands on" environment, where they can gain valuable work experience and learn skills necessary to be successful in a job. Participating high school seniors will also be exposed to new technology and innovative manufacturing processes at the Stanley Black & Decker facility through LOOP.



"STEM education is important for the manufacturing knowledge base among our youth," said Robert Kirts, Manufacturing Services Manager. "The LOOP program is unique to Jackson but we hope it is the beginning of a new trend in manufacturing in the US."

Kendra Abkowitz, Assistant Commissioner for the Office of Policy and Sustainable Practices, recently stated "There is power in like-minded companies collaborating, partnering, and exchanging ideas. The Green Star Partnership network ensures that passionate businesses, like Stanley Black & Decker, will continue their environmental efforts and thus give back to the great State of Tennessee."

The [Tennessee Green Star Partnership](#) is a voluntary environmental leadership program designed to recognize industries in the state committed to sustainable practices. If you are interested in joining Stanley Black & Decker, Inc. and other sustainable industries in Tennessee by becoming a member, please contact us.