



Recycling Business Assistance Center

N.C. RECYCLING BUSINESS DEVELOPMENT GRANT

END-USE MANUFACTURERS

# ROLL-TECH, LLC

GRANT PRIORITY PROJECT: EXPANDING PLASTIC PROCESSING CAPACITY IN RESPONSE TO GLOBAL MARKET CHALLENGES



## LOCATION



Hickory,  
Catawba County



## AMOUNT REWARDED



\$ 16,780

## NUMBER OF JOBS



Current: 46  
Added with grant: 3



## END PRODUCT



Tires, wheels, bumpers  
and tiles

## BACKGROUND

Roll-Tech, LLC has been recycling plastic and rubber since 1996. The company consumes recycled rubber from scrap tires and recycled plastics from bottles to make new products. More than 70 percent of the recycled feedstock is sourced from North Carolina. The company screens incoming materials for metals and other contaminants, and then uses injection molding technology to create new rubber and plastic goods like wheels, tires, bumpers and tiles. Roll-Tech sells these products to customers that manufacture products like hand-trucks, carts and garbage bins.

## PROJECT DETAILS

Roll-Tech has received a series of grants from the Recycling Business Assistance Center (RBAC) in the past. The company currently diverts approximately 400,000 used tires and 500 tons of plastic from landfills each year. As a number of Roll-Tech's competitors in China have been shut down, the company has experienced an increased demand for its wheel and tire products. In 2018, the RBAC awarded Roll-Tech with a \$16,780 grant to purchase new injection molding equipment. With the new machinery, Roll-Tech plans to divert an additional 414 tons of rubber and 97 tons of plastics from landfills each year. This equipment will enable the business to keep up with market demands and manufacture a total of 276,000 wheels and tires each year.

Roll-Tech will purchase equipment to manufacture wheels using recycled plastic and rubber.



RBAC is a partnership of the N.C. Division of Environmental Assistance and Customer Service (DEACS) and Economic Development Partnership of North Carolina that provides technical and financial assistance to recycling businesses, manufacturers, local governments, institutions, economic developers and citizens in environmental management. For questions call 1-877-623-6748.

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