

# Pelletize Carbon Black & Profit



*A global leader in agitation agglomeration technology*

## The Solution to a Growing Problem

About 1 billion tires worldwide are scrapped each year. Many of them end up in landfills, causing environmental and public health problems.

With a Mars Mineral Pelletizing System, you're able to transform high quality carbon black powder recovered from waste tires into a valuable product used in a wide variety of applications, including:

- Asphalt Additives
- Automotive Hoses & Belts
- Computer & Mobile Phone Casings
- Green Tires
- Paints
- Printing Inks & Toners

### Go With a Leader

Mars Mineral is a pioneer in the design and manufacture of agitation pelletizing systems that pelletize virgin carbon black or high quality carbon black recovered from recycled tires. Our pelletizing systems for the carbon black processing may be sized to form pellets from 0.3 to 2 mm (0.012 to 0.079 in.) in diameter at production rates ranging from 0.3 to 62 m<sup>3</sup>/hr (10 to 2200 ft<sup>3</sup>/hr).

In addition to producing pelletization equipment to convert fines, dusts and powders into pellets, we also offer:

- Lab & Pilot Scale Pelletization
- Process Development & Production
- Equipment Rental
- Onsite Technical Consultations & Service
- Systems Design
- Engineering Services
- Equipment Startup Assistance



Powder



to Pellets



to Profits



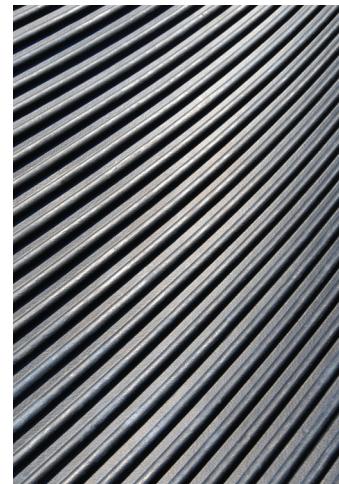
## Recovered Carbon Black Makes Ideal Feedstock for Automotive Products

Go green and reduce production costs by using high quality carbon black recovered from scrap tires processed by thermal depolymerization.

Mars Mineral Pelletizing Systems can help you form high quality pellets from ASTM-grade carbon black powder for the production of:

- Belts
- Hoses
- Dashboards
- Rocker Panels
- Door Panels
- Spoilers
- Hoods
- Trunks

Let us show you how our customized solutions can generate new business opportunities.



**MARS**  
MINERAL



## Recovered Carbon Black Adds Value to Plastics & Rubbers

Mars Mineral Pelletizing Systems can help you transform ASTM-grade carbon black powder into high quality pellets for use as a tinting agent, strength additive or UV protectant for products used in these markets:

- Aerospace
- Industrial
- Appliance
- Marine
- Boat Bodies & Bed Liners
- Non-Automotive Rubbers
- Computer Casings
- Packaging Film
- Electronics
- Pipe Coatings
- Furniture

To learn more, contact Craig Vaughan, Mars Mineral, at +1 724.538.3000, e-mail [cvaughan@marsmineral.com](mailto:cvaughan@marsmineral.com) or visit [www.marsmineral.com](http://www.marsmineral.com)



## About Mars Mineral

Mars Mineral is a leader in the design and manufacture of agitation pelletizing systems that pelletize virgin carbon black or high quality carbon black recovered from recycled tires. The company also offers lab and pilot scale pelletization process development and production, equipment rental, onsite technical consultation and service, systems design and engineering services, and equipment startup assistance.

Mars Mineral is based in Mars, Pennsylvania, USA, about 35 km (20 miles) from Pittsburgh. The company is a division of Woodward Inc., which specializes in the design, fabrication and assembly of ferrous and non-ferrous metal products used in a variety of processing and storage applications.



128 Myoma Road  
P.O. Box 719  
Mars, PA 16046 USA  
tel: +1 724-538-3000  
fax: +1 724-538-5078  
[info@marsmineral.com](mailto:info@marsmineral.com)  
[www.marsmineral.com](http://www.marsmineral.com)

