



# Re-use of **ALUMINUM SWarf**

MATERIAL • SOURCES • VALUE • ADVANTAGES • SOLUTIONS

1015 W. Highway 24, Moberly, MO, USA • +1 (660) 263-7474 • [www.vulcandryingsystems.com](http://www.vulcandryingsystems.com) • [sales@vulcandryingsystems.com](mailto:sales@vulcandryingsystems.com)



# ALUMINUM SWARF

Approximately 75% of aluminum that has been produced in the past 100 years is still in use today due to aluminum's unique sustainability. Once created, aluminum can be repeatedly recycled without any loss to quality.

## SOURCES OF ALUMINUM SCRAP

Even with the cost of collection, separation, and recycling, reutilizing aluminum is cost-effective, while being environmentally friendly. 31% of aluminum produced in the United States comes from recycled scrap. This scrap comes from a variety of sources, including:

- Automobiles
- Aircraft
- Bicycles
- Computers
- Cookware
- Siding
- Wire

## ALUMINUM SWARF'S VALUE

Machine operations produce a high quantity of scrap aluminum in chip form. Also known as swarf, this excess material is sold to scrappers and re-melters. Metal swarf is a valuable commodity in steel and non-ferrous metal processing. Recycling these materials improves resource efficiency and avoids negative impacts on the environment, such as carbon dioxide emissions. Recycling aluminum swarf also reduces the amount of ore mining and metal refining that must be done in order to meet the global demand for metal stocks.

# ADVANTAGES TO REUSING ALUMINUM SWARF

Benefits of reusing aluminum chips as raw material include:

- Reduces costs associated with buying new material
- Eliminates the necessity of transporting and disposing of swarf
- Simplifies waste management in foundries

## VULCAN DRYING SYSTEMS SOLUTION

Vulcan Drying Systems supplies equipment to dry, sort, and convey aluminum swarf. Our team can build a dryer to best fit your specific project needs. Our services include setup, commissioning, training, and maintenance support over the lifetime of a project.

For more information on Vulcan Drying Systems email us at [sales@vulcandryingsystems.com](mailto:sales@vulcandryingsystems.com) or call us at +1 (660) 263-7474.

