Why Briquetting?

Briquetting – the process of turning fine particles or residues into hard, dense briquettes – is a widely-accepted process for recycling or reclaiming materials for reuse or resale.

Early patents from 1848 describe the benefits: “The utility and advantage of the discovery are that by this process [of briquetting] an article of small value and almost worthless can be converted into a valuable article of fuel for steamers, forges, culinary and other purposes thus saving what is now lost.”

Coal launched the briquetting industry in the first half of the 20th century. And since then, briquetting has expanded to many other industries, including:

- Chemical
- Micronutrients
- Agricultural
- Energy
- Ceramic
- Metal
- Recyling
- Mineral

Uses for briquetting today include:

- Turning steel mill residues into a form that can be easily reintroduced into the steel making process.
- Shaping animal feed, fertilizers or other micronutrients to reduce transportation and handling costs, and increase product efficiency.
- Forming minerals, metal oxides and metal alloys/powders into easy-to-store products.
- Streamlining clean-up of manufacturing waste, including fine dust particles.

The KOMAREK Difference

The KOMAREK name has been associated with the design and manufacturing of briquetting, compaction and granulation machines for over a century.

Today, K.R. KOMAREK Inc. is a part of the Koeppern Group. We pride ourselves on being a world leader in providing services and equipment for all types of briquetting and compaction/granulation solutions.

With over 600 briquetting and compaction/granulation solutions installed worldwide, and test facilities in Europe, North America and South America, we are dedicated to working with you to find the best solution to fit each customer’s needs and process application.

Companies choose KOMAREK because of our:

- Specialized Knowledge
- State-of-the-Art Research and Development
- Made in USA
- Worldwide Sales and Support

Committed to Your Success

We understand reliability and performance are critical to your success. KOMAREK has an extensive sales group covering nearly every continent – from North America, Central America, South America, Europe and Asia to the Middle East and Australia – to assist you.

In addition, KOMAREK provides our customers with highly-trained engineering and service staff backed by decades of experience to assist in:

- Process-needs and applications analysis
- Plant audits to improve process efficiency, productivity and product quality
- Design and manufacturing of custom replacement parts for KOMAREK machines and many other manufacturer’s briquetting and compacting/granulation machines
- Training, parts installation or machine maintenance when needed

Contact KOMAREK for more information or to request a plant audit and analysis.

548 Clayton Ct. | Wood Dale, IL 60191 | 847.956.0060
info@komarek.com | www.komarek.com

Custom Briquetting and Compaction/Granulation Solutions

THINK KOMAREK:
Compaction/Granulation Systems

When specifications call for an agglomerated product in a smaller form, KOMAREK offers custom roll compactors that use a higher compaction pressure and specialized product shape to produce a suitable compacted material.

This allows materials to be compacted into stick-shaped agglomerates, or flat or corrugated sheets for granulation for applications including:

- Micronutrients and fertilizers
- Minerals
- Lithium Carbonate
- Fine chemicals

Throughout our history, KOMAREK has pioneered many industry firsts, including cantilevered removable vertical rolls that reduced and streamlined replacement time. Other key features of KOMAREK machines include:

- Horizontal or vertical feed design for either screw feed or gravity feed options
- Pockets available in custom sizes and shapes
- Variable speed roll and screw feeder drives to maximize product quality
- Rolls and feed screws available in wear and corrosion resistant alloys
- Designed for easy maintenance
- Heavy-duty, long-lasting bearings and drive components

B MACHINES
Vertical rolls with cantilevered shafts

BH MACHINES
Cantilevered horizontal rolls

DH MACHINES
Horizontal rolls symmetrically located between bearings

Fertilizers and other products are compacted and granulated to prevent them from caking in bags or containers.

Drawing on our extensive experience and knowledge, KOMAREK provides advice and assistance in the design of a complete compaction/granulation systems. Custom designed to meet the needs of your process, we take into account material flow, mixing, feeding, product handling and control systems.

“A SELECTION OF BRIQUETTING AND COMPACTING MACHINES”

“WE CUSTOMIZE OUR EXCLUSIVE B SERIES AND BH SERIES CANTILEVERED ROLL MACHINES AND DH SERIES TO YOUR EXACT NEEDS”

www.komarek.com