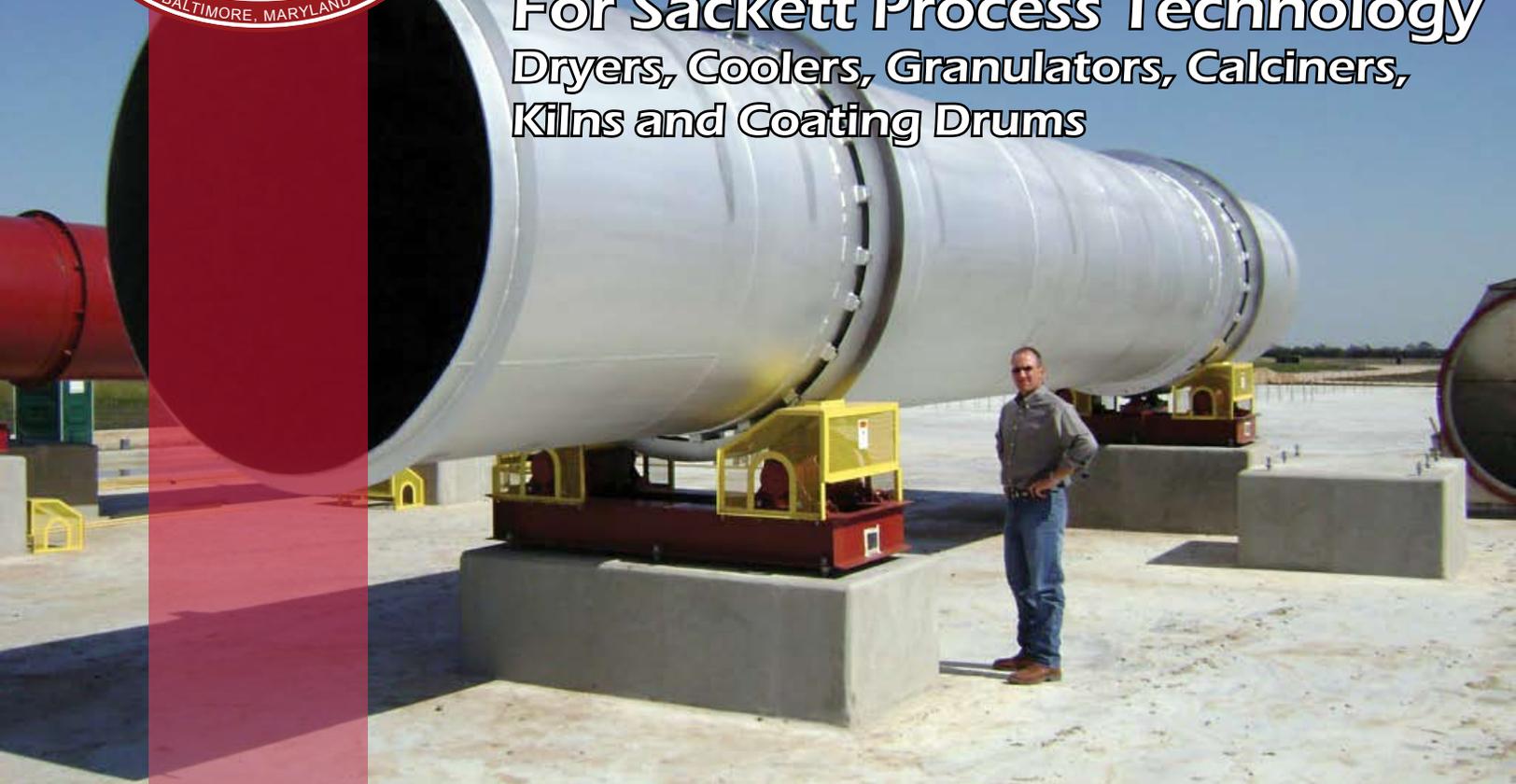




Rotary Drums

For Sackett Process Technology
Dryers, Coolers, Granulators, Calciners,
Kilns and Coating Drums



Flites designed for heat transfer



Granulation Drum



Heavy-Duty Trunnions

Combining the best in engineering, components, and manufacture, Sackett rotary drums are known for excellence worldwide.

Sackett rotary drums are typically designed integral to complete Sackett designed process systems, including:

Granulation Systems:

- NPK
- Phosphates (SSP, TSP, DAP, MAP)
- Ammonium Sulfate
- Limestone
- Organics
- Minerals

Compaction Systems:

- Material preheat
- Product post treatment including rounding, drying, cooling, and coating

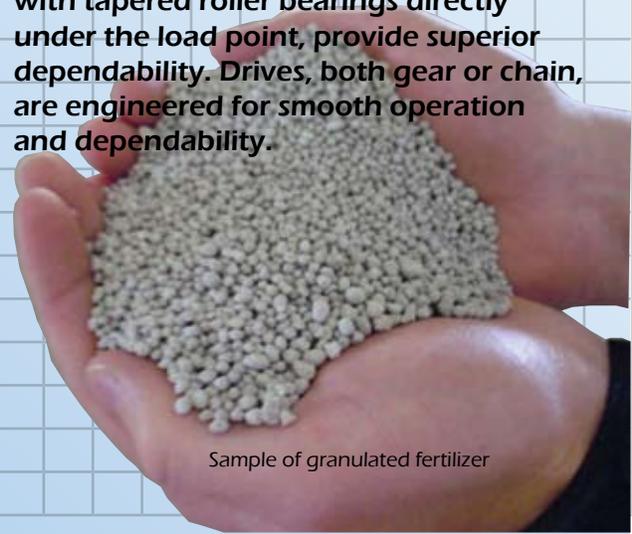
Thermal Processing

- Moisture removal
- Calcining

Our family of rotary drums includes granulators, dryers, coolers, coaters, kilns and calciners. Each drum is custom engineered to the process requirements.

Drum shells are made of a variety of materials, including carbon steel, stainless steel, inconel, and other high nickel alloys.

Sackett's exclusive trunnions, designed with tapered roller bearings directly under the load point, provide superior dependability. Drives, both gear or chain, are engineered for smooth operation and dependability.



Sample of granulated fertilizer

EXTENSIVE EXPERIENCE SETS US APART



NPK Granulator

Sackett rotary drum granulators provide the highest quality fertilizer granule, with greater size uniformity and material hardness.



SSP/NPK Dryer

Sackett rotary drum dryers are gentle on granules yet provide fast efficient drying.



Calcliner

Sackett calciners are known for their quality of design and manufacture. They feature high efficiency burners and the industry's best breaching seals.



Ammonium Sulfate Dryer

Sackett has significant experience with ammonium sulfate production including crystal drying, compaction & granulation.



Coating Drum

Sackett coating drums provide thorough, gentle, and efficient application of liquid coatings for anti-caking, coloring, de-dusting and controlled release fertilizers. Manufactured in a variety of sizes and styles, Sackett builds coating systems specific to the application.



Cooler

Sackett has over 70 years experience designing and manufacturing coolers for fertilizer production. Our coolers are designed to optimize heat dissipation while being gentle on the material.



Granulation, Organic Fertilizer

Sackett has extensive experience in organic material granulation and has a unique technology. Material hardness, size uniformity and product quality are key.

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