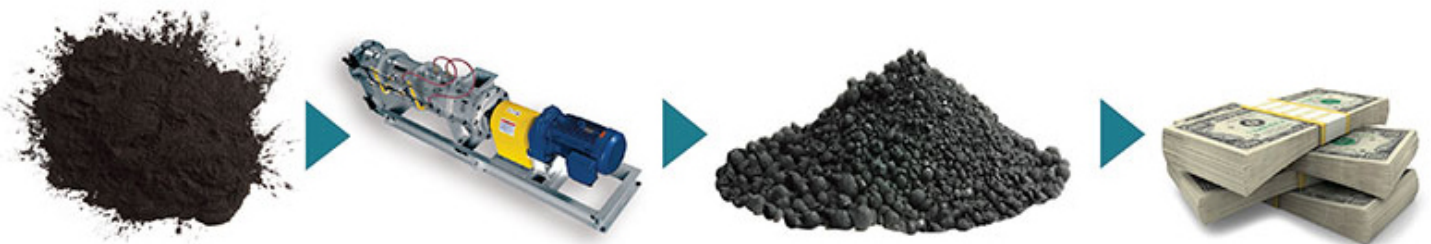




*Process Development Solutions Since 1972*

## **Pelletizing of Powders Can Create New Revenue Streams**



A combination of cost pressures and environmental regulations have made agitation agglomeration – the process of converting bulk powder materials into spherical pellets – a sound investment for companies that can re-purpose a waste product for use in manufacturing, processing and agricultural applications.

The most effective pelletizing of dusts, fines and powders requires thorough drying that doesn't alter pellet size, shape or strength. That's because pellets from which water has been evaporated have a higher degree of structural integrity than those with higher water content. Such pellets are easier to handle and produce less dust.

Typical pelletizing materials and applications include:

- Limestone as a soil amendment in gardens, lawns and fields
- Poultry Manure as organically safe fertilizer products
- Fly Ash from coal-fired power plants as an additive to lightweight cements
- Recovered Carbon Black (rCB) from tires as a tinting agent, strength additive or UV protectant in automotive, marine and consumer products

The advantages of pelletizing include easier handling, less dust, improved flow characteristics and improved processing performance.

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