

U.S.-Built Pellet Mill Manufacturer Introduces New Home Owner Unit

Biomass densification systems company Buskirk Engineering has introduced its new 6-in. PTO Pellet Mill to the market. The new 6-in. pellet mill was designed exclusively for the home owner and for scientific labs at universities.

Buskirk Engineering made its debut to the market place with its popular 8 and 12-in. PTO Pellets Mills in December of 2008 after several years of research and development. Kevin Riley, Sales Manager for Buskirk Engineering says, "Our American-made flat die design is different than the Asian mills on the market, which were designed for manufacturing feed but are used for biomass densification with mixed results."

According to Riley, Buskirk Engineering pellet mills employ features not seen with other competitors on the market. "Low speed, high torque, a stationary case-hardened die, case-hardened rollers, and a higher material dwell time are features that make the Buskirk pellet mill the best unit available," says Riley.

The 6-in. PTO uses the same pelletizing chamber and components as the 8-in. PTO. As well, all three PTO models (6, 8, and 12-in.) use the same robust gearbox, frame, and 3 point hitch system. Each sized model comes in an electric motor version as well, from the 6-in. 5 hp Model to the 12-in. 30 hp model.

"Capacity needs for the home owner are lower, as well as the price point", says John Buskirk, President and CEO of Buskirk

Engineering. "Consequently, we designed the 6-in. with the homeowner in mind, and the university which has need for a lower capacity, higher quality pellet mill."

The PM6PTO 6-in. Pellet Mill sells for \$3,990.00. For those wanting to utilize the motorized version, the PM605 Pellet Mill with a single phase 5 hp motor with a variable frequency drive for speed control is available for \$4,500. The PM605 with a 3 phase 5 hp motor is available for \$3,990.

Along with the single pellet mills, Buskirk Engineering introduced the Modular Densification System to the market place in April of 2010. The modular system allows the pellet manufacturer the ability to produce biomass pellets with a turn-key system. The system utilizes a hammer mill, air delivery system, pellet mill, conditioner and pellet cooling conveyor.

Crop residues and waste stream materials can be pelletized at capacities ranging from 500 lbs per hour to 2 tons per hour at a fraction of the cost of competing ring die pellet mills. The modular system utilizes a small footprint, lower energy requirements, and less manpower than competing large scale systems.

Plants available are the Single, Dual,



Quad, and Dual-Quad PM1230 Densification Systems. Modular systems start at \$23,400.

As North America's leading Flat Die Pellet Mill Manufacturer, Buskirk Engineering is poised to lead the market in systems made available to the business entrepreneur looking to capitalize on the new Renewable Energy Initiatives developed by the nation's legislators.

Those interested in capitalizing on this unique opportunity may gather more information by contacting the company.

Contact: FARM SHOW Followup, Buskirk Engineering Inc., 7224 E 900 N, Ossian, Indiana 46777 (ph 260 622-5550 ext. 7013; sales@buskirkeng.com; www.buskirkeng.com).

Reader Inquiry No. 78

New Way To Motorize A Wheelbarrow

Here's an easy way to add power to an existing wheelbarrow. The chain-driven "MotoBarrow" attachment simply bolts to a standard 6, 8 or 10-cu. ft. wheelbarrow.

Roger Simons at Innovative Fabrications got the idea for the MotoBarrow kit when his wife and son were moving rock across a creek and up a hill on their property. His wife said they needed a powered unit and asked why they couldn't just put a motor on the existing wheelbarrow.

Simons put together a prototype, and it worked great.

Several prototypes and a patent later, Simons is now marketing the kit direct. No modification of the wheelbarrow is needed. The MotoBarrow simply bolts on where the factory-installed front wheel or wheels attach. The compact unit fits inside the existing frame of a traditional wheelbarrow, making storage easy.

New 2011 models now available. Customers can choose from a 1.6-hp, four-stroke Honda priced at \$599.95 or a two-stroke 2-hp 43cc unit now only \$399.95.

The rear wheel attachment is priced at \$129.95. Shipping is extra. Simons points out that attaching or detaching the unit to install on other wheelbarrows can be done in a few minutes with no special tools required.

Contact: FARM SHOW Followup, Innovative Fabrications LLC, P.O. Box 414, Davidson, N.C. 28036 (ph 704



Photo shows 2-wheel-drive model, left, and 3-wheel-drive model, which is also fitted with optional rear wheel kit.

892-1017; innovativefabric@bellsouth.net; www.MotoBarrow.com).

Reader Inquiry No. 79