

# Single And Dual Pto's For Stationary Engines

Why settle for either 540 or 1,000 rpm pto shafts on stationary engines when you can have both?

"Our first prototype was installed in the fall of 2003, and its still working. Many tractors have the option of two speeds, this clutch/gear reduction assembly lets stationary engines have that option, too. A great way to make use of that idle engine. Saves you an extra tractor. Our customers use them on both mobile and stationnry applications. Such as manure agitator/pumps, irrigation pumps, blowers and many other uses."

Beiler says the dual output is rated up to 175 (intermittent hp), single output (wider gears), and up to 250 (intermittent hp). Both dual and single output units have 3 standard input/engine speeds – 1,800, 2,150, and 2,400 rpm's. All geared to 1,000 and 540 on dual output.

Single output has one set of gears and can be purchased with either 1,000 or 540 rpm output. He says the units are simple to install and fit SAE standard gas and diesel engines. The units are available with 10-in., 11 1/2-in. single, and double plate mechanical clutches.

Units come with 1 3/8-6 (540), 1 3/8-21 (1,000), 1 3/4-20 (1,000) splined or straight keyed shafts.



Heavy-duty Taylorlia single and dual output gearboxes are available from Beiler Engine and Mfg.

Now also available with optional 12-volt oil cooler kit.

Note: New larger clutch reduction assemblies, 250 to 400 (intermittent hp), fits SAE #1 bell housings and SAE #14-in. flywheels, in both double and triple plate clutches.

Need flywheels machined to SAE standards, such as truck, tractor and others? Call

Beiler. They run a machine shop and also manufacture gears and splines.

Contact: FARM SHOW Followup, Beiler Engine & Mfg. LLC, 1630 Georgetown Rd., Christiana, Penn. 17509 (ph 717 529-6595 from 8:00 to 8:30 a.m. EST, or leave message).

Reader Inquiry No. 82

## “Unwinder” Turns Big Bales Into Small Ones

You can convert big round bales into small square bales with this new bale “unwinder” from The St. George Company, Paris, Ontario.

The Altec 160 bale unwinder is made in France. It can handle bales up to 4 ft. wide and 6 ft. in diameter that weigh up to 2,200 lbs. The St. George Company imports the machines and modifies them so they’ll unwind bales directly over the pickup reel of any small square baler. They added four steel legs to the machine and also added an on-off switch on one side of the machine. The legs put the bale 4 ft. off the ground where it’s high enough to unwind into the baler’s pickup reel. A manual control is used to set the speed at which the bale unwinds.

The bale unwinder is hydraulically operated from the same tractor that’s used to pto-drive the baler. The finished small square bales can be carried away by a bale elevator for stacking or loading.

“Round balers do a much faster job in the field and require less labor. This machine lets you make small bales when you have more time,” says Peter Quail. “It can be used with hay, straw, or silage bales. It

**Machine unwinds bale directly over pickup reel of any small square baler. Here, a 4-ft. wide, 5-ft. dia. bale weighing about 800 lbs. is being unwound into a Deere 336.**



doesn’t break up the hay but instead gently unwinds it. The legs are needed only if the baler’s pickup reel is more than 2 ft. off the ground. And when you’re done using the unwinder to make small square bales, you can remove the legs and use it as a normal bale unwinder to deliver feed into bunks or onto pasture ground.”

An optional loader is available for the unwinder that lets you load bales into the machine without a tractor loader. It can also be equipped with spinners on back, allowing you to use the machine to spread straw out

up to 22 ft.

Also available is the Altec DT 120 which can turn large square bales - up to 4 by 4 by 8 ft. - into small square bales. The Altec DT 120 can also handle 4-ft. wide round bales.

Contact: FARM SHOW Followup, The St. George Company Limited, P.O. Box 430, 20 Consolidated Drive, Paris, Ontario, Canada N3L 3T5 (ph 519 442-2046; fax 519 442-7191; email: sales@thestgeorgeco.com; website: www.thestgeorgeco.com).

Reader Inquiry No. 35