

## Roto Crusher "Deep"

For grinding and crushing rock, and grinding tree stumps the Roto Crusher "Deep" can make it happen.

The Roto Crusher "Deep" is a true below surface grade stone crusher that can grind up field stones in place and deep till to a depth of 16" in two passes.

Did you know that if you crush rocks and leave the material in place, the soil density remains the same, slowing the rising of more stones by frost?

The Roto Crusher can also can grind tree stumps in place to a depth of 16", and also re-juvenate gravel roads without having to truck in new material.

The Roto Crusher is truly a machine made for below surface grade work using carbide "Blonxx Pics" cutters that were developed for the mining industry, as opposed to other stone crushers on the market that are forestry mulchers adapted to work below surface grade. The carbide "Blonxx Pics" that are the cutting edge on the rotor of the Roto Crusher are long lasting, and stand up

much longer than expensive square carbide hammers used on other competitive stone crushers.

The rotor of the Roto Crusher consists of Tungsten Carbide "Blonxx Pics" that are attached in a multi spiral pattern that work against a hydraulic adjustable serrated steel grate to reduce to mulch any material it encounters.

An optional hydraulic curved rear leveling blade or full length rear roller has two functions; when up it serves as a guard frame / tree pusher, and when down it's a compacting / leveling depth control.

Each Roto Crusher is shipped with two complete heavy duty gearboxes to give the operator two rotor speeds, slow for rock crushing, and fast for working in wood material.

The Roto Crusher "Deep" model FPRD - T- 200 has a working width of two metres (6.5 ft.) and a weight of 8360 lbs. It requires a tractor with 2275 - 350 HP, 1000 rpm PTO and a CVT transmission.



**Roto Crusher "Deep" crushes below-surface rocks and deep-tills to a depth of 16 in.**

There are smaller and larger models up to 500 HP available.

Contact: The St George Company Limited, Box 430, 20 consolidated Drive, Paris Ontario, Canada N3L 3T5 phone: (800) 461-4299, or (519) 442-2046; Fax (519) 442-7191 sales@thestgeorgeco.com www.rotocrusher.com

You can see a video of the roto Crusher at our Youtube channel by searching for "RotoCrusher" at [www.youtube.com](http://www.youtube.com)

**Reader Inquiry No. 162**

## "Unwinder" Turns Big Bales Into Small

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

The Altec DR-160 bale unwinder can handle bales up to 60" wide and 72" in diameter that weigh up to 2200 lbs. It can handle bales up to 5 ft. wide and 6 ft. in diameter that weigh up to 2,200 lbs. The bale unwinder is hydraulically operated from the same tractor that's used to pto-drive the baler. A manual control is used to set the speed at which the bale unwinds. 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 doesn't break

up the hay but instead gently unwinds it. And when you're done using the unwinder to make small square bales, you use it as a normal bale unwinder to deliver feed into bunks or onto pasture ground."

One customer in Oklahoma says the small square bales he makes from large round bales are fresher than if he just made small square bales in the field. He includes that fact in his Craigslist ad and gets a premium for his hay.

It takes about 7 minutes to unwind a 1,000-lb. bale. It can also be equipped with axial straw spinners on back, allowing you to use the machine to spread straw out up to 22 ft.

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

Contact: The St. George Company Limited, P.O. Box 430, 20 Consolidated



**Machine unwinds bale directly over pickup reel of any small square baler. Here, a 5-ft. wide, 6-ft. dia. bale weighing about 1,200 lbs. is being unwound into a Deere 336.**

Drive, Paris, Ontario, Canada N3L 3T5 (ph 800 461-4299; fax 519 442-7191; email: sales@thestgeorgeco.com; website: www.thestgeorgeco.com).

You can see a video of the Altec bale unwinder at our YouTube channel: "thestgeorgeco".

**Reader Inquiry No. 163**

## How To Toughen Up Duramax Tie Rods

Tie rods are known to be a weak link in the otherwise reliable GM Duramax pickup, but Longhorn Fab Shop has an answer. Their bolt-on sleeves make it easy to toughen up the tie rods.

"There are other sleeves on the market, but they thread onto the tie rod," says Manfred Schreyer, Longhorn Fab Shop. "People often realize they have a tie rod issue after putting on new wheels and tires and getting them aligned. Threading on tie rods means having to get another realignment."

Schreyer notes that flexing under hard loads can often be enough to snap the factory installed tie rods in two. Beefing them up is essential, especially if off-roading, sled pulling or drag racing.

Longhorn's clamshell-shaped sleeves are priced at \$179.17. Offered in either steel or stainless steel, no disassembly of the front end is needed. The sleeves are machined from solid stock and fit directly over the stock tie rods on 2001 to 2016 GM Duramax trucks.

Installation takes less than 15 min. It re-



quires no special tools or skills. Simply place the two halves over the tie rod and line up the machined holes. Insert and tighten the 10 allen head bolts and snug down the smaller set screws to keep the sleeve from moving around.

Contact: (ph 855 797-8478; [www.longhornfabshop.com](http://www.longhornfabshop.com)).