

BELL TEC *Industries Inc.*



Drill holes fast, where others fail...

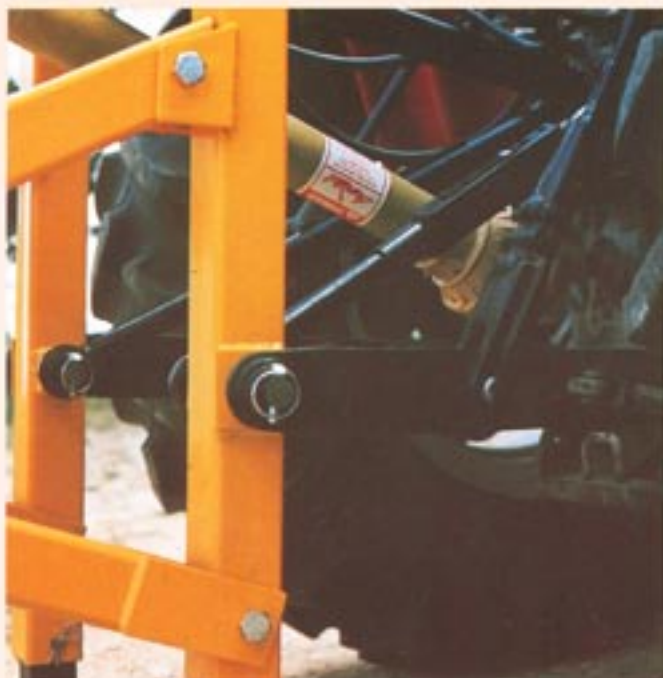


Frame-Guided Auger System: Twin Hydraulic cylinders connect the auger carriage to the mainframe of the machine. The cylinders move the carriage up and down the mainframe slides. Adjustable feet on the mainframe may be levelled manually or hydraulically. Because the auger is guided into the ground by the mainframe, as long as the mainframe is straight and the carriage is level, the machine will drill straight holes. The hydraulic cylinders are directly connected to the Gear Drive - Auger Carriage without any leverage or linkage. This gives much better control over the auger in rocks, roots or soft ground. If the cylinders are moved 1", so is the auger. Movement is not multiplied by leverage or slack in a linkage. A person is much less likely to corkscrew the auger through a root or in soft ground. More complete control over the auger **MAKES THE OPERATOR'S JOB EASIER AND FASTER.**

Adjustable Relief Valve: Relief valve may be easily adjusted to the weight of your tractor.



Gear Drive - The auger is powered by a heavy duty gearbox with 2 1/2" output shaft. The gearbox is protected by an automatic torque limiter within the P.T.O. shaft which instantly relieves torque when overloaded and automatically resets itself as soon as P.T.O. speed is reduced. This eliminates troublesome shear pins and down time because of broken P.T.O. shafts and cross kits.



Down Pressure: Utilizing the tractor's weight through these unique Locking Arms up to 4500# down pressure can be supplied by opposing twin hydraulic cylinders. **THIS ELIMINATES THE NEED FOR ANYONE "TO RIDE" THE MACHINE RISKING INJURY.** Down pressure also helps keep teeth sharp. Pressure is controlled by an adjustable relief valve.



Rear Safety Shield: Allows operator to back into existing fence for mending or installing new fence while the old fence is still in place.

Drill holes fast, where others fail...

Drill Holes Fast Where Diggers Fail With Belltec's Down Pressure Post Hole Digger

Belltec Industries TM48 Post Hole Digger mounts easily on three point tractors over 28 horsepower which have at least two hydraulic remote valves. Our machine's design and performance go way beyond today's tractor mounted post hole diggers.

Our unique system transforms a three-point tractor into a drilling machine capable of doing what the big truck rigs do; drill accurate, straight holes (to a depth of 5- 1/2' on a single auger) in almost any drilling conditions including solid rock and concrete.

If drilling holes is a problem for you, we have the solution. Whether it be hard dry ground, rocky soil or solid rock, **WE CAN DRILL IT!**





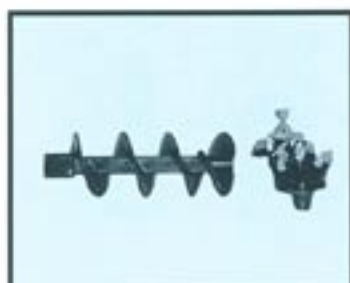
SRA - Square Shaft Rock Augers, 6", 7" and 9" for drilling solid rock, loose rock, and concrete. 44" Auger made of high strength steel to fit 2" solid square drive stem with built-in extension to drill 60", $\frac{1}{8}$ " flighting. Bullet-type rock teeth and pockets, Rockwell #65 hardfacing.



RAD - Rock and Dirt Combination Augers 9" through 18" for drilling dirt, clay, loose rock, solid rock and concrete. 44" Auger made of high strength steel to fit 2" solid square drive stem with built-in extension to drill 60", $\frac{1}{8}$ " flighting. Bullet-type rock teeth, pockets and Pilot on 2- $\frac{3}{8}$ " interchangeable pilot sub assembly, Rockwell #65 hardfacing.



SSA - Square Shaft Dirt Augers 6" through 18" for drilling dirt, clay and loose rock. 44" Auger made for high strength steel to fit 2" solid steel square drive stem with built-in extension to drill 60", $\frac{1}{8}$ " flighting, cast boring head with easy change teeth.



THC - Two-Headed Combination Rock and Dirt Augers 6", 7" and 9" for drilling dirt, clay, loose rock, solid rock and concrete. 44" Auger made of high strength steel to fit 2" solid steel square drive stem with built in extension to drill to 60", $\frac{1}{8}$ " flighting, 2- $\frac{1}{2}$ " API screw on cast boring head for dirt and bullet type head for rock, Rockwell, #65 hardfacing.

Specifications

Height - 81"
Width at hitch - 28"
Depth - 61- $\frac{1}{2}$ "
Weight - 780#, no auger
Crowd - up to 4500#
US Patent # 5090486



"PUFF" Rock Drill for drilling dirt, clay, loose rock, solid rock and concrete. 2" Rock Drill on 36" Stressproof, 1- $\frac{7}{8}$ " round shaft for drilling T-Post holes in solid rock.

Pilots for RAD Augers

Distributed by



BT450
Replaceable Tooth Pilot Bit
2- $\frac{1}{2}$ " API Thread



FISHTAIL
Pilot Bit
2- $\frac{1}{2}$ " API Thread

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