



BELLTEC[®]



TM-48 BELLTEC DIGGER

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Belltec Industries TM-48 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 60" 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!**



ADJUSTABLE RELIEF VALVE

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



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 leveled 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.**



GEAR DRIVE

The auger is powered by a heavy duty gearbox. The gearbox is protected by an automatic torque limiter with 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 trouble, some shear pins and down time because of broken P.T.O. shafts and cross kits.



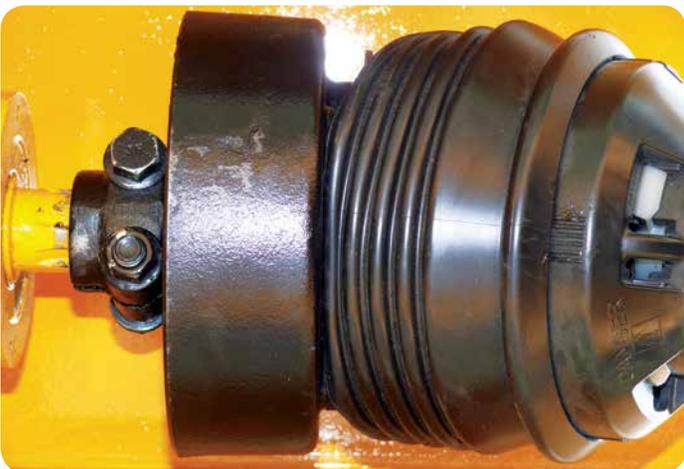
REAR SAFETY SHIELD

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



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.





SRA

For use in fracturable hard materials, shale, hard pan, concrete, asphalts, Limestone, Dolomite, weathered granites.



RAD-SR

For use in fracturable hard materials, shale, hard pan, concrete, asphalts, Limestone, Dolomite, weathered granites.



RAD-DR

For use in fracturable and non-fracturable hard materials, Limestone, concrete, Dolomite, schist and lava type rock. For hard drilling, our Double Row Rock Auger provides the best overall design available. It also provides a long tooth life while minimizing vibration and shock load to the digger truck.



SPIRAL

For use in extreme drilling conditions such as coble rocks, chert, conglomerates, caliche or sedimentary rock where others fail to drill and beat your equipment up. Our unique carbide tooth engagement provides high production in these most difficult conditions.



PUFF

For drilling t-post holes in dirt, clay, compacted soils, frozen ground, fractured rock, solid rock, concrete and other tough drilling conditions.



SSA

For use in dirt, clay and loose rock.

CUSTOM TOOLING

We have over 30 years of experience designing and providing custom auger tooling drilling systems around the world. We welcome the opportunity to help you with your next project requiring special applications or design. Belltec products are better by design. Give us the opportunity to help you be more profitable. Call and talk directly with our expert team.