



CT Series Compost Turners



Our compost turners are an innovated and modern design

- Patented **drum design and advanced sprinkler system** achieves best mixing, aeration and wetting down
- Reduced fuel consumption - **up to 25%**, compared to other manufacturers on the market, **saving \$\$\$**
- Smooth design eliminates **material build-up and material growth** in the tunnel
- **Hot dipped** galvanizes sides and galvanized sheeting on tunnel to eliminate **corrosion**
- **20 grease nipples** for lubrication of cylinder joints, steering bushes, wheels and wheel assembly, bearings etc.
- All the bolts are **High Tensile grade 13** (standard HT bolts grade 8) For easy maintence and strength
- Big **heavy duty** Australian made gearbox
- Steering head and wheel assembly is fitted with **glazier bushes**
- Fitted with **Heavy Rubber** curtains front and back, to reduce flying debris, this turner really moves the material
- 4 sizes - CT Mini 1.8m /40hp+; CT270 2.7m/65hp+; CT360m 3.6m/90hp+; CT400 4.00 m/140hp+.
- The best machine on the market



Please call 0411695335 or contact www.jphequipment.com.au for further information

Lets have a closer look at the benefit of CT series compost turners

The unique Patented drum pattern design , changes the way the windrows are turned, aerated and lifted. The drum simply lifts all material and concentrates it to the centre of the windrow behind the turner. This principal **really** works and makes the windrow higher and perfectly blended. This design cleans the base straight across and **doesn't** leave any grooves of unturned material like other turners on the market.

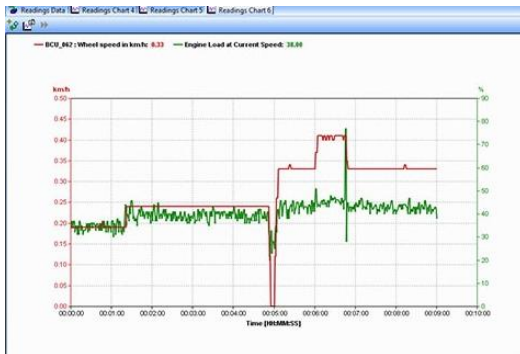
As this design uses less energy to turn the drum, you will save on your fuel bill. As clearly shown on the power chart, you can save up to 25% less fuel than other manufacturers products. If you use the machine every day, the fuel-saving could pay for the machine in 5 years.



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CT360 in action - note the **peak** on the windrow



This power graph was taken with a John Deere tractor, 110hp. With the turner connected we tested the CT270 on a average windrow, that was 1.5 weeks old. The tractor uses around 30% of power to drive unloaded. The total power consumption wasn't greater than 47%, which means that the turner only used approximately 17% of the 110hp - approximately 20hp.

The water injection system with the drum design is a perfect combination. It wets the windrow evenly in the first pass with no water runoff thus saving you water. Please take note in the picture the even dark colour really shows the effect of the system. This was taken after 1 pass, with other machines taking 2–3 passes to achieve the same result.



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We also build the WT5000 which makes a great combination with CT turner



Let's have a closer look at the Build of CT series compost turners

The Windrow Turners "semi circle" tunnel together with thick side plates is designed for strength and simplicity. The covers on the semi circle are heavy galvanized sheets with the sides being 8mm thick, hot dipped galvanized plate. The drum is made from heavy wall tube, with patent profile paddles, balanced for smooth running. The tunnel is fitted with curtains front and back – made from heavy rubber which doesn't tear - to protect you and your tractor, from flying debris.

The gearbox is a big **heavy duty** and Australian made at 120hp fitted on CT270 and CT360. (CT mini has a 60hp gearbox). The turners are fitted with large series 8 Bareco PTO shafts with safety clutch to protect the tractor and all PTO shafts and universal joints are fully covered. The hydraulic lift is synchronized and the steering cylinder is fitted with speed control and assembled with hoses from the connection directly to the cylinders. This eliminates unnecessary leaks in joints.

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The steering head and wheel assembly is fitted with glazier bushes for long life. These bushes are commonly used in earth moving equipment. The turner has 20 grease nipples, for lubrication of cylinder joints, steering bushes, wheels and wheel assemblies, bearings etc. All grease points are well marked with a sticker GREASE HERE.

The water injection is manufactured from solid steel pipe going from side to side, with endcaps for easy cleaning. This is not a plastic pipe that will break off when you clean out the built up compost material for the first time. The underside of the tunnel is completely smooth and free from bolts and nuts that would allow buildup of compost/ lumps that are difficult to remove and create excessive corrosion in the tunnel.



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Daniel Harris of Piccadilly Park Macadamias in Bangalow NSW.

Searching the internet we found the JPH Equipment Compost Turner that looked like it could do the job and also had a clever solution that incorporated water into the pile. They were very helpful and informative and even provided a demonstration of the Compost Turner before we purchased it and the team always have time for my calls when I have a question. JPH Equipment also provided a very informative induction which was very thorough and covered all liable bases although it was rather taxing. We found the performance of the machine excellent, See more

<http://www.jphequipment.com.au/testimonials.html>



Ian Townsend of TFT Hoe Hire Glen Alpine Qld

When I first started composting I began with static piles which I turned with a backhoe. This task was very time consuming and only produced small amounts of compost at a time. After searching for info on the net and comparing available and affordable machines, the shape and design of the CT is what first caught my eye. I contacted JPH and after some discussions with Jorgen, he arranged a demonstration with Ged. After seeing the CT in action I was convinced this machine was the one I needed for our composting process. This machine would allow me to produce quantity and quality by moving to windrow production.

Once this decision was made, in the intervening time, until my CT was manufactured I had the use a different size and brand of windrow turner. The difference between the two was chalk and cheese. Once the CT was delivered and I began using it, even the agronomist could see the marked difference in the windrows turned by the different machines. The JPH CT 360 turns and waters efficiently, effectively, neatly and evenly.



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