

TORRENT MULCHERS

EX54HDD

Industry Leading...

Durability

Reliability

Productivity

Lowest

Operating

Cost

*Clear Land
Fast!*



- *Road building*
- *Silvaculture*
- *Wetlands management*
- *Highway roadside maintenance*
- *Construction site clearing*
- *Seismic line clearing*
- *Land reclamation*
- *Heavy stump grinding*
- *Grub pile reduction*



CALL TOLL FREE

1-866-777-7575

sales@torrentmulchers.com

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Why a Torrent Mulcher is the smart choice...

- **Lower operating cost** estimated at **\$8 per hour** with over cutter life conservatively estimated at 300 hours and approximately 2000 hour life cycle for bearings
- **High strength steel frames** that can withstand impact and down pressure.
- **Considerably lighter in weight** when compared to competing models offering better stability.
- **Through shaft** versus stub shafts for a more durable and dependable cutting drum assembly.
- Heavy duty **double row spherical bearings** provide high sideload ratings and a superior sealing system.
- High performance **patent pending cutter technology** consumes less horse power than competing technologies.
- Teeth are **heat treated** and **360° rotatable** for **increased longevity**.
- Torrent teeth **outperform carbide** for **half the price** - comparable to cutting a tree down with an **axe** instead of a **hammer**.

Torrent Cutters are the **toughest** on the market. Torrent's new spherical cutters **outlast** carbide in rocky terrain and **outperform** competitors hands down.



"In my opinion, the Torrent Mulcher is a very capable machine. It has excellent performance, is well built, and is very economical to operate.

Torrent is a good company to deal with and I believe they are on to something with this technology." - Jim Ferguson, Rockwood Transportation, Rexton NB

CANADIAN MADE MULCHERS for carriers 3 to 30+ tonnes



Specifications	EX54 HDD
Cutting Width:	54" (1.4 meters)
Weight:	2800 lbs (1270 Kg)
Machine Weight Range:	20 Tonne +
Excavator Power Min/Max:	140 - 300 + HP (97 - 225 + Kw)
Minimum Oil Flow:	45 GPM (170 lpm)
Maximum Pressure:	5800 psi (400 bar)

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The difference is in the details

We feel that Torrent mulchers have the best operating cost profile in the industry.

For example we conservatively estimate the operating cost of the EX 54 to be \$8.00 per hour based on \$6.00 per hour (average) for cutters, \$1.00 for bearings, and \$1.00 for grease and misc. This is based on cutter life at 300 hours and 1000 hours for bearings, both of which are very conservative. Our Customers regularly go 400 + hours on a set of cutters and well beyond 2000 hours on bearings.

Frames are made using high strength steel (QT 100).

This allows for a frame that is very strong structurally as well as light in weight compared to competing products. All Torrent boom mount mulchers are designed to withstand the full down pressure of the boom so that using the heel of the mulcher to assist in turning or moving does not damage the frame or other components.

Light weight while maintaining superior strength is also an important feature of Torrent mulchers.

For example the EX 54 D weighs 2800 lbs which considerably lighter in weight when compared to competing models. This is extremely important when considering carrier stability, safety, and operator comfort. The carriers ability to lift a load at full boom extension over the side will far exceed it's capacity to control that same load when booming down. To mulch effectively you need to be able to keep both tracks on the ground during all booming operations.

We use a through shaft verses the stub shafts that competitors use.

The through shaft goes completely through the drum for **more a durable and dependable cutting drum assembly. The use of stub shafts is popular as they are much less expensive. At Torrent quality and durability are the primary considerations in the design of our equipment.**

Bearings are heavy duty double row spherical

Torrent mulchers use only the highest quality bearings with minimum a service factor of 2 to 1. **This means long life and minimal operating cost even with the high side loads encountered during mulching operations.**

Teeth are heat treated and rotatable (360 degrees)

for durability, long life, and low operating cost.

Torrent's cutting technology allows for excellent performance at lower carrier horsepower as compared to the competition.

The specialized heat treatment applied to Torrent's spherical cutter (Patent Pending) provides a unique combination of hardness and toughness resulting in a highly durable and efficient cutting tool. The Torrent cutter is also rotatable (90 degrees at a time) to give long life which means low hourly operating cost. If you hit a rock and break an edge, then you simply turn the tooth to reveal a new edge. The cutting tooth typically is the largest component of operating cost so it is important to understand that issue.

Our teeth are more of a cutter than a hammer.

This allows them to have good performance with less HP. We chose this path over carbide for several reasons. First carbide teeth are very expensive, usually more double the cost of ours and if you hit a rock and break the carbide, the tooth must be replaced. This means a much higher hourly operating cost for carbide teeth because rock is a fact of life when mulching. Second, a carbide tooth is like a hammer with a couple of carbide tips and works by pounding its way thru the material requiring a lot of power and time to work effectively. Torrent's spherical cutter (on the other hand) cuts material and ejects the chip. This process requires less power and time. It is the difference between cutting down a tree with an axe verses a hammer. We are told over and over again that Torrent mulchers are fast.

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