

# TORRENT MULCHERS

# EX48DE

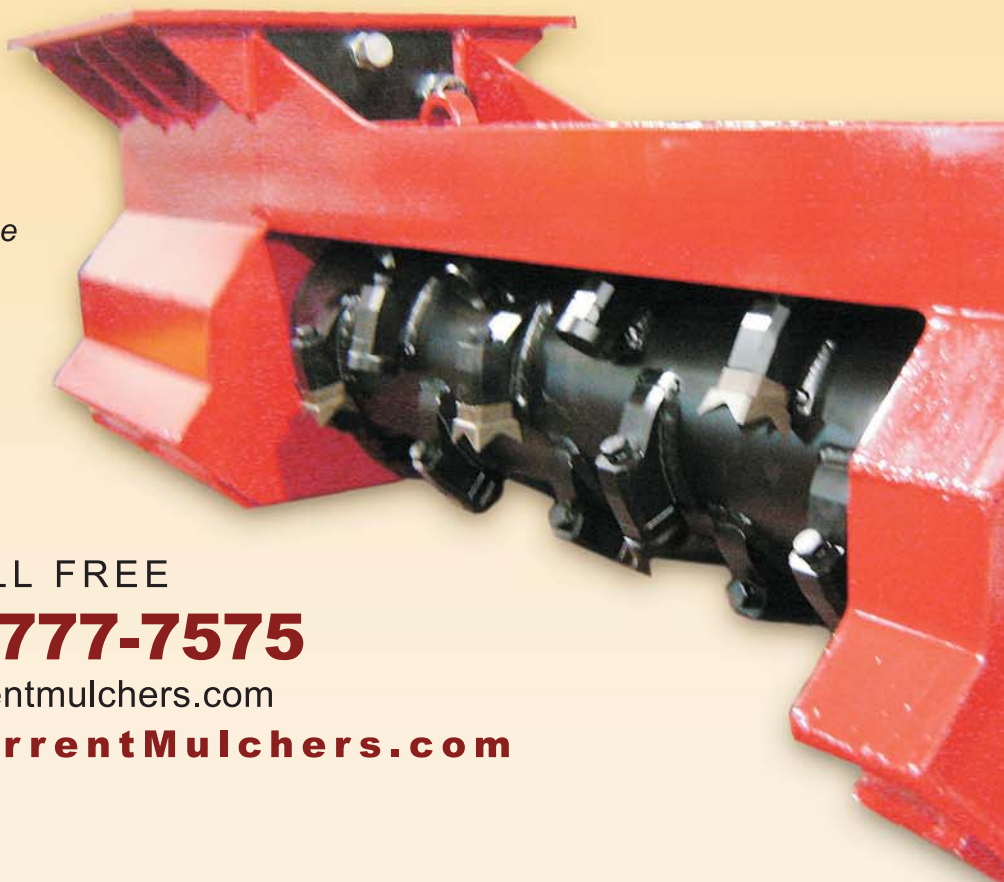
*Clear Land  
Fast!*

*Tree removal any size*



***Industry Leading... Durability, Reliability, Productivity,  
Lowest Operating Cost***

- Road building
- Silviculture
- Wetlands management
- Highway roadside maintenance
- Construction site clearing
- Seismic line clearing
- Land reclamation
- Heavy stump grinding



CALL TOLL FREE

**1-866-777-7575**

sales@torrentmulchers.com

**www.TorrentMulchers.com**

# TORRENT MULCHERS

# EX48DE

CALL TOLL FREE **1-866-777-7575** sales@torrentmulchers.com

## Why a Torrent Mulcher is the smart choice...

- **Lower operating cost** estimated at **\$6.30 per hour** with over 300 hours on cutters and 1000 our on bearings
- **High strength steel frames** that can withstand impact and down pressure.
- **Half the weight** of competing moldels offering better stability.
- **Through shaft** versus stub shafts for a more durable and dependable cutting drum assembly.
- Heavy duty **double row spherical bearings** provides 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**.

*"In 2007 we purchased an EX30 for our 6 tonne mini-excavator. It is a very good combination and has created new areas of work for the machine. I am pleased with both the performance of the mulcher and the service from Torrent. Torrent products really perform and I would recommend them to anyone."*

- Jeremy Smith, Smith Construction, Pocologon, NB

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



## CANADIAN MADE MULCHERS for carriers 3 to 30+ tonnes

Specifications	EX48DE
Cutting Width:	48" (1.2 meters)
Weight:	1800 lbs (816 Kg)
Machine Weight Range:	14 - 20 Tonne
Excavator Power Min/Max:	90 - 160 HP (67 - 120 Kw)
Minimum Oil Flow:	30 GPM (114 lpm)
Maximum Pressure:	5800 psi (400 bar)

# TORRENT MULCHERS

CALL TOLL FREE **1-866-777-7575** [sales@torrentmulchers.com](mailto:sales@torrentmulchers.com)



## *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 48 to be \$6.30 per hour based on \$4.80 per hour (average) for cutters, \$1.00 for bearings, and \$.50 for grease and misc. This is based on cutter life at 300 hours and a 1000 hours for bearings, both of which are very conservative. Our Customers regularly go 400 + hours on a set of cutters and well beyond 1000 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 48 D weighs 1800 lbs which is substantially less than the weight of 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.

CALL TOLL FREE

**1-866-777-7575**

[sales@torrentmulchers.com](mailto:sales@torrentmulchers.com)

[www.TorrentMulchers.com](http://www.TorrentMulchers.com)