



BUSINESS BUILDERS



Table of Contents:

Hammer Applications	Page 2
Hammer ROI	Page 3
3 Ways to Keep Costs Low.....	Page 4

Hammer Applications

THE TOP 10 USES FOR HAMMERS.

You know hydraulic hammers can be used to break material like rocks, concrete, asphalt and more – but do you know what kinds of projects can you take on with a hammer? Investing in a hammer expands the utility of your smaller equipment, allowing you to prep sites and do light demolition work in a variety of situations. Here are the most popular applications for a hammer:

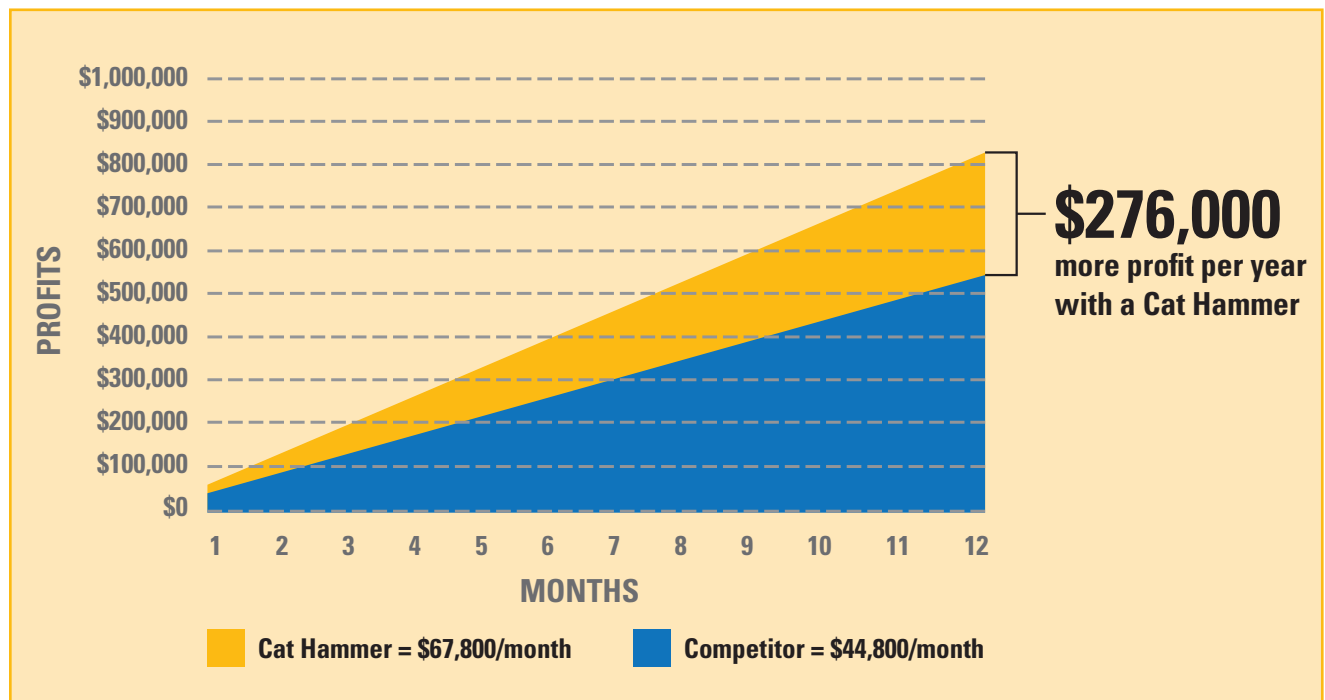
- 1 Sewer and water**
Break down old concrete pipes and manholes to help hasten production.
- 2 Road construction**
Remove existing curbs, traffic islands, ramps and sections of concrete or asphalt to aid in the essential improvement and upgrading of infrastructure.
- 3 Bridge renewal**
Demolish old bridge surfaces, railing supports and even retaining walls with a hammer attachment.
- 4 Demolition**
Knock down walls, sections of flooring, foundations and other brick or concrete structures on any job site.
- 5 Mining and aggregate**
Crush oversized material to avoid secondary blasting and size rip rap with a hammer tool.
- 6 Trenching and primary excavation**
Use amoil or chisel tool to excavate soft, layered rock material.
- 7 Direct quarrying**
Direct quarrying with large hydraulic hammers can prove cost effective with many limestone types, especially where blasting is prohibited or restricted.
- 8 Road building and construction**
Prep and landscape the site with your hammer tool, as well as cut asphalt and compact soil.
- 9 Housing development**
Demolish masonry, like cinder block and brick, along with concrete, pavement, asphalt and composite.
- 10 Metallurgical**
In foundries, hammers can be used to break heavy slag deposits to get to the metal being processed.

Hammer ROI

GET THE BIGGEST BREAK FOR YOUR BUCK.

You can make up to \$276,000 more each year.

A high-quality hammer is an investment. With higher quality, you get greater productivity, more comfortable operation, reduced downtime, less fuel burn, and reduced owning and operating costs. You could get a less expensive hammer to save a little now, but your short-term savings can result in big losses down the road. By paying a little more now for quality, reliability and durability, you can make approximately \$23,000 more each month. And that adds up.



With \$276,000 you can:

- Give your entire crew a raise
- Make a down payment on a new warehouse for your business
- Make a down payment on a new house for you
- Cover your operating costs for the year
- Add another machine to your fleet
- Go on vacation or get a jump on any of your financial goals

NOW THAT'S A RETURN ON INVESTMENT!

3 Ways To Keep Costs Low

DO-IT-YOURSELF MAINTENANCE HELPS KEEP COSTS DOWN.

You can help control the owning and operating costs of your hammer by performing simple maintenance yourself.

1. Greasing

Large hammers offer optional automatic greasing through a continuous metered flow. You can easily monitor levels during operation and, with a grease cartridge that doesn't require any tools, you can simply take the old one out, screw the new one in and get back to work.

2. Field-Serviceable Lower Tool Bushing (LTB)

As the primary point of wear, this needs to be replaced regularly on any hammer – regardless of brand. But LTBs on Cat Hammers can be serviced in the field by the operator with minimal tooling. And you'll get two uses out of it. After the first wear, just rotate the bushing 90°.

3. Check and Fill Gas Charge

Unlike other brands, the gas charge in a Cat Hammer can be checked, and filled, right on the machine. Instead of being part of your daily "routine maintenance," checking the gas charge can be done once a year. That's because we produce a world-class sealing system that handles the hard-hitting work you do and maintains its power output long after other brands.

For more information on hammer maintenance, see [Guide 4: Hammer Maintenance](#).

BUILT FOR IT.™

Learn more at catattachmentsolutions.com

June 2017

© 2017 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

