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ENVIRONMENTAL NEWS



KOMATSU

Forestry
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LAROCHE TREE SERVICE INC.



Ohio's Dependable Dealer

Daily Crusher Maintenance:

ESTABLISH PROCEDURES TODAY, BE MORE PROFITABLE TOMORROW



Daily plant maintenance is key to keeping equipment productive. It's easy to forget these tasks when you're busy, but when overlooked, the tasks are more likely to cause unwanted downtime.

Joel Werly, an aggregate product support rep for the Environmental Division, suggests creating a checklist of daily tasks—including checking grease points and

**"Everyone who works with
the plant should know what
maintenance needs to be done
and how to do it."**

Joel Werly; Aggregate PSSR, Columbus Equipment Company

removing waste material around the conveyor—for employees to follow. A list makes it easy to see what needs to be done and more effectively ensure maintenance is performed.

"Laminating or taping a maintenance checklist to the control panel encourages follow through as well as accountability," Werly said. "Every day before the plant is fired up, employees do a walkaround of the plant, perform the required checks, and initial the checklist."

To create a checklist, consult your machine's maintenance and operations manual. Look at the specifications for what needs to be done daily or weekly and note important information, like the correct grease for your bearings. Include a space where employees can make notes, and document the need to replace a part, for example.

"Everyone who works with the plant should know what maintenance needs to be done and how to do it," Werly said.

Along with specific daily maintenance, your plant will benefit from daily cleaning. The areas most likely to need cleanup are at transfer points, where material comes off the conveyors. When material is allowed to pile up under the conveyor, it can cause belts to come off track and tear. Built-up material can also get into bearings and cause premature failure.

When you clean up daily, you are far more likely to notice items—such as missing flashing—that need to be addressed. "You'll also notice if you've got an unusual buildup, which can help you locate a problem," Werly said.

"Neglecting maintenance will inevitably create unnecessary downtime over the long haul," he added. Spending 5 or 10 minutes a day on maintenance and cleaning is a small price to pay to reduce service calls and cost, and keep your machinery performing at peak production.



Ohio's Dependable Dealer

CMI C475 and C300 Hurricane Mulchers: **DOMINATION BY POWER, RELIABILITY AND SIMPLICITY**



CMI has introduced two new, upgraded mulching machines that feature Tier 4 engines and the company's new ergonomic operators cab. The two machines are the C300 and the C475.

The C300 Hurricane replaces the C250. Equipped with a 290-hp Cummins engine, the tractor can be outfitted with the 83-inch (2.10-meter) or 89-inch (2.25-meter) mulcher or a stump grinding head.

**For ease of operation,
CMI is employing a new
display panel that's functional,
reliable, and intuitive.**

The C475—an upgraded version of the C450—dominates its class with mulching power, dependability and its High Drive track system. It comes with a 475-hp CAT engine and can be ordered with a mulching head or stump grinder. The C475 is about two inches longer than the C450 and more than 7,000 pounds heavier than the old machine. The mulcher pump has a bigger displacement so that it can use all the power supplied by the engine.

Both machines have a new cab that includes an air suspension seat, better visibility and improved

ergonomics. For operator comfort, the cab also includes a Bluetooth radio and cupholders.

For ease of operation, CMI is employing a new display panel that's functional, reliable, and intuitive. The panel displays diagnostics and machine information and allows the operator to easily adjust machine settings. Other improvements for operators include a new implement valve that's easy to adjust and a thumbwheel on the mulcher joystick for more control.

In moving to a Tier 4 engine, CMI added a heated-and-cooled DEF tank. With the new engines, operators can adjust the regeneration parameters from the control screen, selecting auto or manual regen.

In announcing the updates, CMI stressed customers can be confident the machines will deliver the same reliability and performance they have come to depend upon. "People in our industry like the same reliability and continuity in the components, and that is what we have done," said Pierre Letourneau, manager of sales for CMI.

The new models deliver the same benefits the company is known for, including being designed by a team of experienced mulching crawler operators to provide performance, maneuverability and reliability.

Contact your Environmental Division sales rep to see how these new CMI machines can optimize your site-preparation productivity.

Where Profitability and Sustainability Meet™



LaRoche Tree Service Inc.

Visit columbusequipment.com/news/videos
for more on LaRoche Tree Service's operations

COMMITMENT, EXPERIENCE AND INVESTMENT SIGNAL A BRIGHT FUTURE



CJ LaRoche, owner of LaRoche Tree Service Inc., got the idea for his career when he was 15. "My parents had a guy come out and remove some trees at our home. I saw it that day, and I knew that was what I wanted to do," he recalled.

His company has grown far beyond what that starry-eyed, budding professional could have imagined, however. In addition to the kind of residential tree service he probably envisioned as a teenager, the company does right-of-way and land clearing, commercial tree care, and mulch production. He has about 55 employees.

Land clearing accounts for about 70 percent of LaRoche's business. The company primarily works in Ohio, West Virginia, and Pennsylvania

Land clearing accounts for about 70 percent of LaRoche's business. The company primarily works in Ohio, West Virginia, and Pennsylvania but will travel for some jobs, including hurricane cleanup in Hilton Head, South Carolina.

Bellaire, Ohio-based LaRoche Tree Service has been growing rapidly, the owner said, in part because of repeat business. "The work is there. It's just whether you can handle the workload, do it safely and do a

good job," LaRoche noted.

To ensure the job is done well, he relies heavily on CMI mulching machines. In all, he owns ten CMI units: three C175 units, three 250's, two 400's and two C450's. Four of the machines—two 250's and the two 400's—are outfitted with stump grinders, and the rest are used as mulchers.

LaRoche has been using the brand for more than two years. "CMI's are well built machines. They are simple and rarely fail," he noted. "They may not be the cheapest upfront, but in the long run they do a good job and justify the investment. The performance and reliability are definitely there."

The smaller units are sometimes used for residential work, like clearing a lot for a house to be built. "The 175 or 250 can handle small jobs with ease and perform the work very quickly. This gives us an advantage in clearing smaller plots of land due to efficiency."

The larger units are excellent for right-of-way clearing, LaRoche added. "I had a large right-of-way clearing project and Bob Stewart (Environmental Division sales rep) set up a brand new C450 for us to demo. We were surprised by the balance of the machine and its ability to climb hills and handle adverse terrain. This was our first CMI purchase, and obviously not our last."

It's good for the operator, too. "The cab is roomy, and you can see out of it very well," LaRoche said. "It's a well-built, well-thought-out machine."

The CMI C450 is also an extremely impressive mulcher, LaRoche said. "I was surprised by the

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speed, the size of the material, and the finished product. Versatility is the best way to describe the 450 as we use it to mulch brush, logs, uprooted stumps, standing trees and to fix ruts and dress up the work area upon completion."

Previously, LaRoche used Rayco mulchers, but he tried CMI machines on the advice of other tree clearing professionals, and has quickly acquired a whole fleet of CMI machines.

"CMI's are well built machines. They are simple and rarely fail. The performance and reliability are definitely there."

CJ LaRoche; Owner, LaRoche Tree Service Inc.

Another advantage to using CMI equipment is dealing with Columbus Equipment Company, LaRoche added. He has been happy with the customer service he's gotten, whether it involves financing, sales or service. "There's good communication from everyone," he said. "If we call, someone calls us back. Everyone is very proactive."

LaRoche has been a customer of Columbus Equipment Company since about 2012, when he purchased a U.S. Pride cone splitter after The Paul Bunyan Show. He has purchased a variety of equipment, including Komatsu excavators he uses to feed his Morbark chippers.

Recently, LaRoche became the first customer in Ohio to buy the new XT445L-5 Komatsu Forest feller buncher. "He demoed it and he liked the features, performance and financing," Stewart said.

LaRoche attributes his company's growth to several

factors. As he has gotten more work from existing customers, he has focused on hiring good employees "from operators to managers." Several relatives, including his father, a retired Ohio State Patrolman, work for him.

He has also diversified the business, including adding the production of landscaping mulch, to help weather any ups and down in the economy. "We work in various markets for an array of different customers, from mulch to snow plowing, tree care to tree clearing. Minimizing risk through diversification is one of our top strategic goals."

Companies can experience quality issues when they grow quickly, but good employees, effective management and quality equipment have prevented that from happening at LaRoche Tree Service, LaRoche said. "As we've grown, our quality has gotten better. I don't believe this is a common trend with companies growing at a rapid rate, so we are all very proud of this accomplishment."

Did you know?

CJ LaRoche got interested in tree work as a teenager, but his love of motorcycles started even earlier. "I've ridden ATVs and motorcycles most of my life," he said.

LaRoche entered the motorcycle road racing scene as an amateur in 2012. Since then has moved up to the professional level and has two top 10 finishes with MotoAmerica, which is considered to be the premier professional road racing organization in the western hemisphere.

With his work schedule, he doesn't have much time for pro events, but he participated in several regional WERA races and five, four-hour team endurance races in which LaRoche's team won all five events. In 2019, CJ had #1 finishes in 10 WERA Expert races in Michigan, Ohio and Pennsylvania, riding a Yamaha 600.



New and Previously-Owned, Late-Model EQUIPMENT FOR SALE AND RENT



2018 KPI-JCI FT2650 Crusher

CAT C9.3L 300 HP Tier IV Track Mobile w/
Radio Remote Cross Belt Magnet Ability
to Track and Crush Hyd Tramp Iron Relief
System, Extended 44' Conveyor w/ 12'2"

\$425,000



2018 Vermeer HG4000 Mobile Wood Grinder

Fiat C13 T4F (515HP) 44,000 lbs.
Machine Weight Duplex Drum

\$320,000



2011 TimberPro 735B Harvesters and Processors

Good Condition, Work Ready, Rolly II Head

\$140,000



2019 CMI C300 Mulch and Mowing

Cummins QSL9 Tier IVF (300HP), 4 Pump
Hydraulic System, D3 Type Undercarriage,
22" Track Pads, Standard Winch

FROM \$323,000



2017 Komatsu XT430L-3 Feller Buncher

280HP, 22" Quadco 360 Degree Rotate,
24" Pads, Undercarriage 80%, Cab
Very Clean, Preheater

\$370,000



2019 KPI-JCI FT4250OC Crusher

Cat C13 Tier IV 1800 rpm (440 HP) Radio
Remote and Tether 4250 Horizontal Shaft
w/4 Bar Rotor, Variable Speed Hyd Crusher
Drive, 2 Up/2 Down Blow Bar Configuration.

\$525,000



2017 Morbark 4600XL Mobile Wood Grinder

Cat C27 1,050HP Tier 2, Cat Warranty thru
2021, Cat ESC 5/5000 2024

\$699,000



2017 Morbark 40/36NCL Mobile Wood Chipper

765HP Cat C18 Tier II, PT Tech Clutch,
Advantage 3 Drum, 8 Knife, 320L Cat
Undercarriage

\$450,000



2018 KPI-JCI ProSizer 3600 Crusher

Cummins 380 HP One 2618V Double
Deck Vari-Vibe High Frequency 26" X 46"
Horizontal Shaft Impactor

\$500,000



2016 Powerscreen Warrior 800 Screen

Cat C3.4 9X4 Tow Deck Screen

\$180,000



2018 Terex Ecotec PH2100 Screening System

Cat C4.4 Tier 4 Final (173HP), 60,500 lbs.,
6'4" X 21'2" Drum, Heavier and more pro-
ductive than other 6' X 21' Trommels

\$235,000



2019 Terex PH1600 Screening System

Cat C4.4 Tier 4F (110HP), 5' X 16' Screen,
3.3 cu yd Hopper, Radial Conveyor, W/180
Degree Swing, 39,700 Low Level Remote
Greasing Heavier

\$165,000

Call Mark DiSalvo at (937) 424-7678, or your local Columbus Equipment representative, for complete listing information today!





ENVIRONMENTAL DIVISION
Regional Commitment

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PERFORMANCE AND SAVINGS WORTH HOWLING ABOUT!

In side-by-side testing, Morbark® put their Alpha 3 insert to the test against competitor, GrinderCrusherScreen™, GCS14B1 insert. The testing crew encountered the same challenges customers face in the field every day, including working in dusty and dirty conditions, and hitting foreign objects often hidden from sight in materials being processed. In total, 20,450 yards of waste was processed, equating to approximately 255 yards per hour.

In the end, the results clearly proved the Alpha 3 not only out-performed the GrinderCrusherScreen insert, but also has the potential to save customers thousands of dollars in grinder wear parts on an annual basis. Now that's something to HOWL about!



MORBARK®

SIDE-BY-SIDE TESTING	GRINDER CRUSHER SCREEN PART#GCS14B1	MORBARK® ALPHA 3 PART#40749-571
AVG INSERT/TIP RUN TIME	31 HR, 35 MIN	44 HR, 35 MIN
MSRP COST PER INSERT	\$24.00	\$25.05
AVG COST PER GRINDING HR	.76¢ PER HR	.56¢ PER HR
AVG. ANNUAL OPERATING TIME - TUB GRINDER	2,080 HR	2,080 HR
AVG. ANNUAL INSERT/TIP COST	\$28,454.00 PER YR	\$20,966.00 PER YR
ANNUAL SAVINGS		\$7,400

**For special, pallet-discount pricing on your next Alpha 3 inserts,
contact Aaron Dunham at (513) 678-2430 or aaron@columbusequipment.com today!**

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