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ENVIRONMENTAL NEWS



KOMATSU

Forestry
Quality

BRUNK EXCAVATING INC.



ENVIRONMENTAL DIVISION
Regional Commitment

Terex® Ecotec Phoenix 1600T Trommel Screen: **FILTERING GREATER PROFITABILITY FROM YOUR MATERIAL**



The Terex® Ecotec Phoenix 1600T Trommel screen is a versatile and productive tracked machine that will move easily around your work site.

The 1600T is powered by a Tier 4 Final CAT engine with 110 hp that provides excellent fuel economy and reduces operating costs. Because the machine runs at a lower engine RPM than previous models, it produces lower emissions and noise levels.

**“One significant advantage
of Terex Ecotec Trommels
is how easy it is to change
screens on them compared
to competitive models.”**

Jesse Garber, Environmental Division Sales Representative
Columbus Equipment Company

The 1600T can handle a variety of materials, including mulch, topsoil, compost, sand, gravel, wood chips, and C&D waste. If the application requires it, woven mesh and heavy-duty punch plate panels can be fitted to the drum.

“One significant advantage of Terex Ecotec Trommels is how easy it is to change screens on

them compared to competitive models,” noted Jesse Garber, sales rep for Columbus Equipment Company’s Environmental Division.

Depending on the conveyor angle, the working dimensions are roughly 49 to 55 ft. wide and 81 to 86 feet long. Feed height is 8 feet 10 inches, which is lower than on the wheeled model, making the tracked screen easier to load, Garber said.

The drum has a capacity of 152 cubic feet, with a 12-foot hopper and variable-speed intelligent feed control.

The 180-degree-swivel fines conveyor discharges at the height of 18 feet 6 inches, creating impressive stockpiles. Garber noted that the fines conveyor is longer and more robust than fines radial conveyors on competing machines.

A powerful four-wheel-drive system with high-performance friction grip wheels turns the Trommel drum and allows operators to run bi-directionally.

The machine is also easy to transport, with travel dimensions of 9 feet 2 inches wide, 11 feet 2 inches high, and 52 feet 10 inches long. Transport weight is 46,500 lbs. Set-up is quick and easy.

If you’re looking for a agile, mobile screener for mulch, topsoil or compost, ask your Environmental Division sales rep about the Terex Ecotec 1600T tracked screener today.



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CMI Tier 4 Final Additions: INDUSTRY-LEADING MANUFACTURER ROUNDS OUT MULCHER LINE



CMI has upgraded its purpose-built mulching machines with Tier 4 Final engines and an improved operator environment. In addition to partnering with Cummins on new engines, “CMI used the Tier 4 Final redesign to focus on other upgrades, including operator comfort,” said Mark DiSalvo, Columbus Equipment Company Environmental Division manager.

Three sizes are available:

- **The C175 Twister II** is equipped with a 173-hp Cummins B4.5 engine with 576 ft.-lb. of torque. The mulching tractor has the highest torque and lowest weight in its class.
- **The C300 Hurricane** is equipped with a Cummins QSL9 engine that produces 290 hp and 895 ft.-lb. of torque.
- **The C400L** uses a 400-hp Cummins L9 engine that produces an impressive 1,324 ft.-lb. of torque.

With full windows in the front and two sides, operators have excellent visibility that increases their ability to work efficiently and safely. In addition, a standard backup camera provides visibility to the rear.

A new digital screen (above left) gives operators quick access to data and diagnostics. Comfort features include an air-suspension seat, AM/FM/Bluetooth radio and 12-volt outlet. The cab is pressurized and has an integrated, heavy-duty, air pre-cleaner.

CMI upgraded to a push-button tilt cab to provide

easy access to components and the hydraulic oil fill. Previously, the cabin tilt was operated manually.

The C300 or C400L can be ordered with a CMI stump grinder or your choice of mulching head. With the C175, options are a mulching head or chipper head.

“CMI used the Tier 4 Final redesign to focus on other upgrades, including operator comfort.”

Mark DiSalvo, Environmental Division Manager
Columbus Equipment Company

CMI machines have a decades-long track record in the field that is unmatched in terms of performance. CMI routinely incorporates innovations that add to the equipment's long life and durability. For example, CMI's dozer-style rollers provide complete rock guard protection and improve traction for better maneuverability in both soft and steep terrain.

Never owned a CMI machine? Contact your Environmental Division sales rep and experience how CMI will elevate your land-clearing operation to the next level today.



The Mulching Specialists

Where Profitability and Sustainability Meet™



Brunk Excavating Inc.: DOUBLES PRODUCTION WITH SHREWD EQUIPMENT INVESTMENT



After years of using excavators to clear land, Brunk Excavating Inc. switched to using specialized machinery from Columbus Equipment Company's Environmental Division early this year. The result: production has more than doubled for the largest land-clearing company in the Tri-State area.

"We have more than doubled our production rate. We used to do one and a half to two acres a day. Now we are up to over four acres a day with the feller buncher."

Jason Brunk; Owner, Brunk Excavating Inc.

"We used to use traditional excavators to push trees over," said owner Jason Brunk. Then, crews would cut the stumps off and split them, using a CMI mulcher on the underbrush.

But this year, Brunk changed the way its land-clearing crews operate altogether. The company added a Komatsu XT445L-5 feller buncher, a 400L CMI machine with stump grinding head, and a Morbark 6400XT horizontal grinder. Now, crews cut and stack the trees with the feller buncher, use the new CMI machine to grind the stumps in place, and run the trees

through the Morbark grinder.

"We have more than doubled our production rate," Brunk said. "We used to have two excavators knocking down trees, and we could do one and a half to two acres a day. Now we are up to over four acres a day with the feller buncher."

Even with production doubled, Brunk is booked solid for land-clearing services at least through the end of 2021. In addition to clearing acreage where the company will be excavating, Brunk also provides land clearing services for other excavation companies in greater Cincinnati.

Brunk has been growing the land-clearing business for a decade, steadily expanding to its current size. The company has a reputation that brings in new customers and a work ethic that brings repeat customers. "They are the first place people call when they need clearing work done," noted Jesse Garber, the Environmental Division sales rep who helped Brunk Excavating put the new forestry equipment fleet together.

The Komatsu feller buncher is the essential piece for the new setup, Garber said. "They can come in, cut the job faster, and follow with the CMI stump grinder. They've embraced the specialized equipment for efficiency and speed to get through jobs, and it gives them a better finished product. It's an all-around win."

Brunk's new CMI 400L is the recently redesigned version, equipped with a Cummins engine and a stump

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grinder attachment. The company also bought a stump grinder attachment for its older CMI 400 mulcher, doubling its ability to eliminate stumps.

The company traded an older Morbark 3800XL grinder for a new 6400XT tracked horizontal grinder, the largest grinder on the market. Brunk kept its Morbark 4600XL and uses it for second grinds at the production facility.

“The Environmental Division service department jumps through hoops for us. Our product support rep, Aaron Dunham, always answers his phone and jumps right on it.”

Jason Brunk; Owner, Brunk Excavating Inc.

“The new 6400XT grinder is wicked,” Brunk said. “It’s so productive we can’t keep up with it.”

“The end-product is excellent,” he added. “Out on the job, we run a 6-inch land-clearing screen. Then we rerun it through with a 2-inch round screen at the yard.”

Brunk demoed all the equipment before buying, and it became obvious very quickly that the production gain was going to be big. “We were told we would double production. I was hoping that held true, and it ended up being exactly what was represented,” he said.

All the machinery is working well in the field, and “the operators love them.”

The mulch that the company makes is sold through Tri-State Landscape Supply LLC, which Brunk also owns. The company produces between 150,000 and 200,000 cubic yards of mulch a year.

Over the years, Brunk has cleared everything from half-acre plots to hundreds of acres. Recently the company cleared nearly 200 acres for the Rumpke landfill expansion in Hamilton County.

Brunk has been a Columbus Equipment Company customer since he purchased an existing mulch operation in 2010 and acquired a Morbark tub grinder in the deal.

He has nothing but praise for the service he gets from Columbus Equipment Company. “The Environmental Division service department jumps through hoops for us. Our product support rep, Aaron Dunham, always answers his phone and jumps right on it. They get us service when we need it.”

Garber was instrumental in getting the right equipment for the new land-clearing process, Brunk added. “He helped get the equipment we wanted to try for a demo. He educated us on what the equipment is designed to do, how to operate it, and how to utilize it.” Brunk didn’t even look at equipment from other manufacturers because he knows he’ll get excellent service from Columbus Equipment Company.

Jason Brunk believes strongly in relationships and feels that Columbus Equipment is a valued partner in his business, not just another equipment dealer. While not every new piece of equipment will double production, Brunk made some smart moves to get the most from his investment. He feels consulting with Columbus Equipment Company and finding the most efficient and productive machinery for Team Brunk’s needs helps with all facets of the business and will pay off for years to come.



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



2021 CMI C300 Mulch and Mowing

Cummins QSL9 (300HP), 4 Hyd. System, D3 Type Undercarriage, 22" Track PADS Standard, Winch, Back Up Camera, S250HD Stump, or FAE 200U-210

CALL FOR PRICE



2020 CMI C475 Mulch and Mowing

CAT Tier 4F C-13 (475 HP), 4 Pump Hydraulic System Attachment, One Piston Pump, Track Two Piston Pumps, Auxiliary Function, One Gear Pump Seal and Lube

CALL FOR PRICE



2020 Terex PH2100 Chip Screen

CAT C4.4 Tier 4F Diesel Engine (173HP), 6'4" x 21'2" Screen, 7.4cu yd Hopper Capacity, Radial Conveyor w/180 Degree Swing And Variable Discharge Height

\$289,000



2021 CMI C400L Mulch and Mowing

Cummins Tier 4 QSL9 (400 HP), 4 Pump HYd. System, Dry Chain, D4 Elevated Final Drive Design, 30" Single Grouser Pads, Back Up Camera, S400HD Stump Grinder

CALL FOR PRICE



2021 CMI C475 Mulch and Mowing

CAT Tier 4 C-13 (475 HP), 4 Pump Hyd. System Seal and Lube D-6N, CAT Undercarriage, Elevated Final Drive Design, 38" Single Grouser Pad, Back Up Camera

CALL FOR PRICE



2021 Morbark 6400XT Mobile Wood Grinder

C27 1050 HP, Hours: 137

CALL FOR PRICE



2016 Warrior 800

\$175,000



2021 Morbark 6400XT Mobile Wood Grinder

C27 1050 HP, Hours: 199

CALL FOR PRICE



Rayco T360 Mulch & Mowing

3,729 Hrs.

\$125,000



2021 Unknown HF 300 Misc

HF 300 Log Splitter, 750 Lbs. 26" x 12" Cone Size, 12' Length, Max Split Size 15-32 GPM Flow Required, 2,400-3,400 PSI Required, 6,000-20,000 Lb. Carrier Required.

\$12,000



2020 FAE SFM/PM-250 Mulch and Mowing

Sub Soiler - 1 Month Utilization Carrier Size 300-450 HP Flow, 450-550 L/Min 350-400 Bar 2550MM, Working Width 2860MM, Total Width 4400KG, Weight 3500MM

\$89,900



2018 Rayco T360 Mulch and Mowing

Cummins (360 HP), Rayco Predator Mulcher Head, Closed Loop Hydr Sys, 140 GPM to Drive Motors for Cutter Head, Elevated Cooling Design, Rotor in Good Condition

\$239,000

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





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