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columbusequipmentmp.com

MATERIAL PROCESSING

A PUBLICATION DEDICATED TO MATERIAL PROCESSING INDUSTRY PROFESSIONALS

SOLUTIONS



Zollinger Sand & Gravel:
75-YEAR INSTITUTION QUICK
TO ADAPT WITH TEREX ECOTEC



MATERIAL PROCESSING

CMI S175 Stump Grinder: CMI'S LATEST WORLD-CLASS MULCHING SOLUTION



There's a reason the team at CMI is known as *The Mulching Specialists*. Founded on a desire to exceed industry standards, the manufacturer brings ingenuity, determination and a passion for engineering to bear. The company's original crawler mulchers excelled in the brutal conditions of Western Canada's oil and gas fields and became the standard for land clearing applications.

"The S175 is definitely a game changer for building contractors and smaller site prep projects where it is hard to access with larger equipment."

Jesse Garber, General Sales Manager - MP
Columbus Equipment Company

Whether it be rights-of-way maintenance, forestry and fire fuel management, transportation, commercial and residential development, parks and outdoor infrastructure management or the revitalization of wildlife habitat, there's a role for CMI mulchers and stump grinders in virtually any land clearing application.

CMI crawler mulchers range from the 17,411-lb., 173 HP, Twister II C175 to the 47,000-lb., 500 HP C500, while the stump grinders range from the newly-released, 2,452-lb. S175 to the 6,028-lb. S400.

CMI's new S175 stump grinder is built on a tradition of simplicity, performance and reliability. The S175 generates high cutting torque and a smooth cut,

boasting a 40-inch cutting depth and an 86-inch side-to-side cutter swing range. Forty piloted teeth provide excellent support and the pattern design reduces impacts. A wire catching device also protects bearings.



The new S175 will also fit older C175 models since the three-point mount plate is the same. That said, CMI highly recommends contacting your local dealer regarding installation to determine whether in-line, flow-control valves are required to slow down the speed of certain functions such as swing cylinders and tilt down.

Contact your local Material Processing Division representative to learn more about this exciting new addition's capabilities and the production boost it can bring to your land-clearing operation.



The Mulching Specialists

www.columbusequipmentmp.com



MATERIAL PROCESSING

State-of-the-Division Update FOCUS OF LATEST DIVISIONAL EXPANSION: CUSTOMER SUPPORT

DIVISION TERRITORY



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Material Processing Equipment Sales
MO, IL and Northern IN
(630) 376-5707
lucas@columbusequipment.com

Corey Shaffstall

Material Processing Equipment Sales
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(440) 645-3063
coreys@columbusequipment.com

Kort Dwyer

Material Processing Equipment Sales
KY, WV, Southern IN and Southern OH
(513) 344-4814
kortd@columbusequipment.com

Since Columbus Equipment Company's Material Processing Division ramped up operation in the aftermath of *The Great Recession* in a handful of pockets in Ohio, it has since grown into one of the nation's leading material processing equipment distributors, serving a seven-state region with world-class equipment and what has become widely viewed as unparalleled product support (visit <https://www.youtube.com/@columbusequipmentcompany/videos> for firsthand customer experiences).

While Columbus Equipment Company has been committed to growth of the division, the patronage of an equally hard working and professional customer base who depend on our products and services to provide livelihoods for themselves, their employees and fuel growth in their local communities has been equally as important. We never lose sight of this fact.

With the expansion of our industry-leading manufacturer partner offerings and additional manpower, the division is stronger than ever. Jesse Garber, Aaron Dunham and Garrett Bailey bring invaluable experience to the sales, product support and service management areas respectively.

The recent addition of Corey Shaftstall, Zac Lucas, Kort Dwyer (all Material Processing) and Dave Noggle (Aggregate) in sales provides excellent territorial coverage. Meanwhile, James Speiser, Scott Parsons,

Joshua Lovett and Jason Woods continue yeoman's work as material processing product specialists. Garrett's service team now includes four dedicated technicians—Bill Baisden, Collin Arsenault, Caleb Pitz and Gavin Powers—as well as Mike Bernhard as service/sales/rental administrator. Two additional hires are planned this year, bringing the divisional force to 19 experienced professionals. Contact information for all sales and product support representatives can be found at <https://www.columbusequipmentmp.com>. Please welcome our new team members as you meet them, hopefully in the not-too-distant future.

With over 70 years at the heart of the heavy equipment industry, Columbus Equipment Company has a keen understanding of an operation's needs. The Material Processing Division's latest expansion is focused on serving those specific needs. We are grateful for the opportunity to serve your business. If there is any way we can better serve you and your operation's needs, please don't hesitate to let Jesse, Aaron or Garrett know. Or, feel free to also contact me, Vice President of Material Processing Mark DiSalvo, directly at (937) 424-7678 anytime. Thank you for your time and interest in our division.

Where Profitability and Sustainability Meet™



Zollinger Sand & Gravel: 75-YEAR INSTITUTION QUICK TO ADAPT WITH TEREX ECOTEC



Zollinger Sand & Gravel in Rittman, Ohio, has been in business for over 75 years. The multigenerational family business began with Charles Zollinger in the '40s to serve the construction industry by offering sand and gravel dug from their Wayne County property.

"During the '50s, my grandfather began washing sand and gravel," said part-owner Mike Zollinger. Washing aggregate removes the silt, clay and other debris, producing a high-quality product with more application potential. For example, sand, when added to clean crushed rock, creates superior, longer-lasting concrete, Zollinger explained.

"I remember my grandfather purchasing equipment from Columbus Equipment; we had an Eagle Iron Works dewatering sand screw and Cedar Rapids vibrating screen."

Mike Zollinger; Part-Owner, Zollinger Sand & Gravel

Digging, washing, and delivering aggregate products requires heavy equipment. Much of the Zollinger's processing equipment was purchased in the '50s and '60s. "I remember my grandfather purchasing equipment from Columbus Equipment; we had an Eagle Iron Works dewatering sand screw and Cedar Rapids vibrating

screen. Our service technicians handled repairs, but Columbus Equipment has always been there with parts in stock, keeping us up and running," Zollinger noted.



Mathias Zollinger is able to efficiently control production with the 2100's remote control system.

In the '90s, the sand and gravel supply on the property began to wane. The writing was on the wall; the Zollingers needed an alternative business plan as the sand and gravel became exhausted. The business had supported generations of Zollingers over the years, and they were not going to throw in the towel easily. Taking stock of their assets, the Zollinger's had land and manpower with the knowledge and experience to run heavy equipment.

Having an extensive supply of holes throughout the property from the original mining operation, a logical course of action for the next endeavor was filling those holes.

The Zollinger's began a construction and demolition debris landfill that addresses both objectives – reclaiming the land and employing family members. The process of filling holes may sound easy, but



extensive regulations are in place to ensure the reclaimed land is environmentally compliant. The process involves the precise lining of each pit with materials such as clay and tires to filter and prevent leaching, the pumping out of rainwater and transportation to the city sanitary system, and even engineering work on blueprints with exact GPS locations of each pit.

“The former trommel gave us two scoops of great soil to one of low quality. The Terex 2100 produces six scoops for every scoop of marginal soil.”

Mike Zollinger; Part-Owner, Zollinger Sand & Gravel

The Zollingers also branched out from the C&D landfill to serve the community by crushing and recycling concrete into stone and fill material for construction companies, as well as producing quality topsoil.

Committed to recycling every possible product to preserve our natural resources, the Zollingers recycle organic matter into nutrient-dense fine topsoil. They begin with organic matter from construction and landscaping companies which can include tree stumps and roots, brush, grass, leaves, rocks, and good ol’ dirt.

Initially, the material is composted to encourage natural decomposition. After several months the pile of organic material is screened, sifting out the nutrient-dense topsoil from rocks, roots, and other materials. Once sorted, the topsoil and rock are made available to landscapers, construction companies and homeowners. The remaining organic material can either be composted again or spread on the reclaimed land to promote the growth of natural vegetation within the landfill.

To sort the organic material, the Zollingers previously

used a Read Screenall. This machine accomplished the job, but it was not the most efficient. Deciding to invest in a new screening machine, the Zollingers explored the various options and once again turned to Columbus Equipment Company for a Terex Ecotec 2100 Trommel Screen.

“Jesse Garber from Columbus Equipment was very knowledgeable and assured us this machine would meet our needs and have the flexibility to be repurposed should we change focus,” Zollinger said. Having the trommel on hand, Columbus Equipment Company was able to expedite delivery and setup, enabling the Zollingers to demo the machine and determine its capabilities.

“At Columbus Equipment, we are a family-focused business, so it’s always a pleasure to serve multigenerational family companies. It’s impressive for a company to successfully adjust their business model, providing valuable services for their community for over 75 years,” said Jesse Garber, Columbus Equipment Company, Material Processing Division general sales manager. “Learning the needs of Zollingers, I was confident the Terex 2100 would be a great match.”

The Terex Ecotec 2100 Trommel has increased both the production rate and quality of Zollinger’s topsoil. “The former trommel gave us two scoops of great soil to one of low quality. The Terex 2100 produces six scoops for every scoop of marginal soil. We enjoy that screens are easy to change, and the 180° swivel remote-controlled conveyor allows us to load multiple trucks quickly,” Zollinger noted.

“The heavy-duty design makes the Terex 2100 one of the most versatile trommels on the market,” Garber says. “The Terex 2100 is built tough to stand the test of time like the Zollinger themselves.”

Returning to the same company his grandfather purchased equipment from 60 years earlier gives Mike Zollinger healthy peace of mind. “Columbus Equipment and Jesse have delivered on everything they said they would. Purchasing equipment from them is like keeping it all in the family.”



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



2022 KPI-JCI GT440CC Crusher Aggregate

Cummins QSL9 Tier IV 1,800RPM (380HP), Radio Remote and Tether, 4240 Horizontal Shaft W/HD Solid Rotor, Speed Hyd Crusher Drive, 4 Bar Rotor 2 Full Rev Alf Blow Bars

\$639,000



McCloskey 516RE

CAT Engine 100HP No Def, 180 Degree Radial Discharge, 190 Sq Ft of Screening Area, 4.5 Cu. Yd. Feed Hopper, 48" Fines Belt, 15' Stockpile Height, 12,725 Lbs.

\$135,000



2022 Terex Finlay 883+

CAT C4.4 Tier 4F (110HP), Feeder: Abrasion Resistant Plate Steel Pan Apron Feeder, Heavy Duty Chain Drive, Fixed Hopper Remote Start Stop of Pan Feeder, 2 Deck Screen Box 16'x5'

\$349,000



**2022 CBI
Magnum Force 6800CT**
CAT C27, Tier 4F Diesel Engine (1050HP) PT Tech, HPT015 Hyd. Clutch, Auto Reversing Fan System, 40" x 60" Hammermill (24 Hammer Pattern)

\$1,039,000



2018 Morooka MST2200VD

Cab, A/C, Heat, 7.35 Cu. Yd. Bed, 30" Rubber Tracks, Hours: 1,327

\$140,000



2019 CMI C300 Track Mulcher

1,485 Hours, Cummins Engine, Original Style Cab, Winch, FAE 200U-210 Mulcher Attachment, CMI Dozer Blade

\$385,000



2018 Morbark 6400XT

Cat C27 Tier 4F Diesel Engine (1,050HP), PT Tech HPT021 Hyd. Clutch, Morbark Auto Reversing Fan Sys., 42" x 61-3/8" Hammermill (30 Hammer Pattern), 40" Top Compression Feed Roll.

\$625,000



2021 Terex Ecotec Phoenix 1600T

Cat C4.4 Tier4F Diesel Engine (110HP), 5' x 16' Screen, 6.5 CU YD Hopper Capacity, Radial Conveyor W/180 Degree Swing and Variable Discharge Height.

\$270,000



2022 CMI C-175 Twister II Track Mulcher

Cummins B4.5 Stage V (173HP), 4 Pump Hyd. System, 12 Volt Electrical System, 78.5 Gal. Fuel Tank, 29 Gal. Hydraulic Reservoir, Sealed & Greased D3 Chain

\$319,000



2020 Terex Ecotec TSS390T

Scania DC13 Tier4F Diesel Engine (493HP), Single Shaft Shredder 3M Long X-1M Dia. (36 Teeth), Relieving Counter Comb with 17 Comb Teeth, 7 Cu. Yd. Hopper Capacity

\$599,000



2022 CBI Magnum Force 6800CT

CAT C27 Tier 4F Diesel Engine (1050 HP) PT Tech HPT015 Hyd. Clutch, Auto Reversing Fan System, 40" X 60" Hammerhill (24 Hammer Pattern).

\$919,000



2018 KPI-JCI FT2650 Crusher Aggregate

CAT C9.3 Tier IV 1800 RPM (300HP), Radio Remote and Tether, 2650 Pioneer Jaw Crusher, Hyd. Dual Wedge Adjust, CSS Hyd. Drive for Crusher, Full Belly Jaw Dies

\$689,000

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





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Summer CUTTING-TOOL Sale

Save Up To 10% On Saw Teeth Today!

Quadco and Gator are proven industry leaders in forestry cutting tools and attachments. Take advantage of limited-time discounts on parts essential to efficient productivity.

QUADCO

	LIST	SALE PRICE
Q10233T	\$28.73	\$25.86
Q10797EXT	\$24.96	\$22.46
Q10797T	\$23.02	\$20.72
Q10713T	\$21.12	\$19.01
QK10024T	\$36.54	\$32.89

GATOR

	LIST	SALE PRICE
G23NS	\$33.33	\$30.00
X25NS	\$33.33	\$30.00
G24K	\$46.34	\$41.71

OFFER EXPIRES 09/30/23

We are here for your forestry and land-clearing needs. Contact Forestry Product Specialist Garrett Bailey at (513) 910-3869 with any questions.

HAVE A SAFE AND PRODUCTIVE Summer

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