



SUMMER 2022

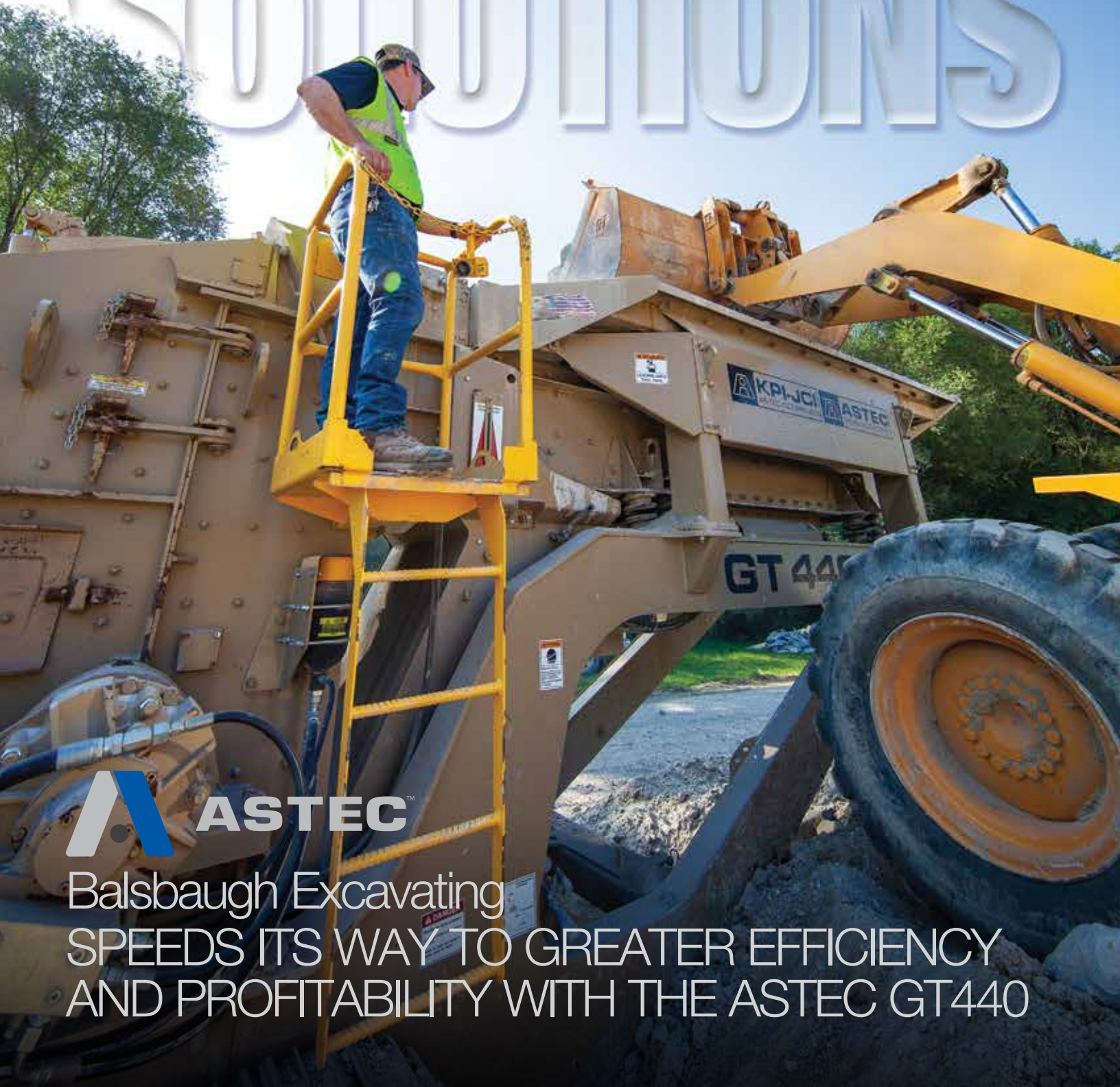


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MATERIAL PROCESSING

A PUBLICATION DEDICATED TO MATERIAL PROCESSING INDUSTRY PROFESSIONALS

SOLUTIONS



Balsbaugh Excavating
SPEEDS ITS WAY TO GREATER EFFICIENCY
AND PROFITABILITY WITH THE ASTEC GT440



Remote Support Service (RSS): WIDELY CONSIDERED BEST IN THE BUSINESS ... AND IT'S FREE!



The Material Processing Division's Remote Support Service (RSS) is in place to field any customer requests for remote service support on the full-line of divisional equipment.

In the event of an issue, just pick up the phone and call for Komatsu, CBI, Terex Ecotec, CMI, FAE, Rotobec, Quadco or ASTEC equipment support. There is no charge for the call, and the value is compelling when compared to a field-service visit.

What's typically addressed through RSS?

1. Machine production efficiency (via grinding settings): If your equipment is not pre-set for optimal efficiency, it will be burning time and money every time you fire it up. The difference in sub-optimal and optimal production can amount to as much as 50-100 yards/hour, or as much as 1,000 yds./day under peak season conditions. Note: Changes in material composition/mix can easily shift the machine out of peak to sub-peak operation. Proper maintenance (inc. replacement of wear parts— anvils, teeth etc.) will also ensure you stay on peak-production track.

2. Education: Whether it's machine-related—yds./hour (mulch/topsoil) or acres/day (forestry and/or landclearing) your looking to optimize—or application education (assessing right equipment/mix of equipment to complete a project?) or operator or mechanic education (MICS, other systems, grinder itself?) ... RSS has your back.

3. Electrical issues

4. Parts ordering

If you have any issues with your equipment, we recommend you simply make the phone call first. You have nothing to lose. Many times, the issue can be resolved via a remote fix. If not, a technician will be dispatched. Note: To ensure we are able to be as effective as possible remotely, it is generally very helpful if the operator can provide pictures of the issues in question.

Even in situations where you know the part you need, Material Processing Division technicians are specialized in resolving any operational issue with the equipment. We can differentiate parts required and/or suggest alternate or additional parts that save or offset future costs and downtime over the long haul. Most, if not all, calls also result in increased operational efficiency and production.

In the event you experience downtime or are in a pinch, call Garrett Bailey—CBI, Terex Ecotec, Komatsu, CMI, FAE, Rotobec or Quadco equipment solutions—at (513) 910-3869 or Josh Lovett—for ASTEC—at (614) 980-1466. We look forward to adding you to a long list of satisfied Remote Support Service customers.





New Komatsu 845-1 Forwarder: HIGH CRANE CAPACITY AND ROUGH TERRAIN MANEUVERABILITY

SPECS: GROSS LOAD: 26,455 LBS. • POWER: 188 HP @ 1,900 RPM • TRACTIVE FORCE: 38,218 LBF.



Komatsu's 845-1 forwarder is a dependable log forwarder that can operate in tough terrain conditions. It offers an excellent combination of high crane capacity, maneuverability and rough terrain capability to help you maximize your productivity. The 12-metric-ton class forwarder has a long reach with excellent lifting power and slewing torque.

Even when fully loaded, operators can count on the 845's chassis and suspension to maneuver with confidence even in the most rugged forests. Komatsu Comfort Bogie axles with a high portal offset and V-shaped frames provide some of the highest ground clearance in the industry.

Designed to maximize performance with high power and torque with a Tier IV Final fuel-efficient engine, the sophisticated control system on the 845-1 automatically adapts to changes in engine load. Computerized HST system considers machine load, terrain conditions, power and torque output to give you exceptional tractive force. Hydraulic retarder overspeed protection ensures the driveline won't run too fast.

Operator benefits

Operator comfort is key to productivity and the spacious and open cab on the 845-1 provides excellent visibility, ergonomic controls and a seat that delivers all-day comfort. Optional Comfort Ride suspension provides

added comfort and the ride height control keeps the cab parallel to the frame. The state-of-the-art MaxiXT system monitors and controls everything from engine and crane to the transmission and service ladders.

Options to enhance productivity

Multiple options are available to enhance productivity and comfort, including bunk wideners, heavy-duty stacking blade, rear- and front-view video cameras, computer touchscreen and electric fuel fill pump.

Keep your forwarder up and running

When the temperatures drop, no need to lose valuable time. A standard diesel heater system heats the engine coolant, hydraulic oil and the batteries to facilitate cold-weather starting on the 845-1.

Maintenance is quickly and easily completed with a service-friendly design that features an electronically powered tilting hood. All filters are located together for easy access under the hood.



KOMATSU

Where Profitability and Sustainability Meet™



Doug (left) and Dusty Balsbaugh inspect product quality and consistency from the company's ASTEC GT440 horizontal shaft impact crusher. The machine has proved a home run for the Englewood operation.

Balsbaugh Excavating: SPEEDS ITS WAY TO GREATER EFFICIENCY AND PROFITABILITY WITH THE ASTEC



Balsbaugh Excavating's Astec GT440 crushes up to 300 tons of concrete per hour onsite, just outside Englewood, Ohio.

It didn't take long for Doug Balsbaugh, owner of Balsbaugh Excavating, to see the value of an Astec GT440 horizontal shaft impact crusher. It just took the right situation.

Englewood, Ohio-based Balsbaugh Excavating performs both earthwork and concrete work. In 2019, Balsbaugh Excavating was working at the Speedway

“Doug realized it would make more sense to crush the rock to the right spec rather than purchasing crushed rock from a quarry.”

Jesse Garber, Sales Representative
Columbus Equipment Company

headquarters in Enon, Ohio, removing limestone to reach bedrock. The contract also stated the company had to supply crushed stone for the project. During excavation, “we generated such a huge pile of rock, we wondered what we were going to do with it,” Balsbaugh recalled. At that point, he contacted Columbus Equipment Company about renting a crusher.

“Doug realized it would make more sense to crush

the rock to the right spec rather than purchasing crushed rock from a quarry,” said Jesse Garber, sales rep for Columbus Equipment Company's Material Processing Division. Garber offered to have tests performed with the GT440 to ensure the stone would meet the contract's spec so Balsbaugh could recycle the limestone for the job.

Once the crushed stone passed the tests, Balsbaugh rented the GT440 for two months. In that time, “we crushed 22,000 tons of limestone and were able to reuse it onsite. It was such a win-win,” Balsbaugh said.

At that point, the contractor realized the crusher would be valuable for many uses and decided to purchase it. “We had such a good experience with the GT440 at the Speedway headquarters job that we saw the crusher as a great addition to our fleet,” he said.

Balsbaugh, who had been in business since 1980, had never owned a crusher before. However, he didn't bother to shop around for alternatives to the GT440. “We knew the machine after two months of using it. It was the perfect fit for us, and since we have had good experiences with Columbus Equipment Company, we just went for it.” Balsbaugh had been a Columbus Equipment Company customer for four decades.

Since purchasing the crusher, Balsbaugh had used it on limestone, concrete and asphalt – “a lot of each one. And it performs equally well for all,” he said.



Operator Randy Bowman—a 36-year veteran—loads concrete into a GT440 producing 411/304 sand, as well as 57 and 2 products.

The GT440 is most frequently used for concrete because Balsbaugh has a concrete washout business, Western Ohio Concrete Recycling. The concrete is recycled and crushed into material Balsbaugh Excavating can use on its jobs. Balsbaugh estimates the company generates 10 to 15 yards of concrete a day. They operate the crusher at least weekly. “When we get the material prepped, the crusher can run 200 to 300 tons per hour. We have found that this crusher

“We had such a good experience with the GT440 at the Speedway headquarters job that we saw the crusher as a great addition to our fleet.”

Doug Balsbaugh, Balsbaugh Excavating

will crush as much material as you can feed it.” At first, Balsbaugh offered crushing services for other contractors, but “we decided we have so much work of our own that we strictly use it in-house.”

Balsbaugh was highly impressed with the support he received from the Material Processing Division, particularly from Josh Lovett, aggregate product specialist. “When Josh knows we’re crushing, he

will sometimes stop in and see how the machine is performing,” Balsbaugh said. “If it throws a code, he’ll be there within a few hours to try to fix it. If he can’t fix it, he calls the factory, and they are able to correct it through the satellite most of the time. Josh really understands the machine, and his support has been unbelievable. He’s a great guy.”

The track-mounted GT440 uses a vibrating grizzly feeder with a 6-yard hopper. Thanks to a 5-foot by 10-foot, two-deck screen, there’s 100 square feet of screen area—up to 50% more screen area and production potential than competing crushers offer. The two-deck screen provides faster, more thorough screening, resulting in products that closely match spec.

The GT440 is part of Astec's Global Track line, which provides industry-leading crushing and screening power in a portable, easy-to-use configuration. It comes with a radio remote/tether control system and real-time system monitoring to enhance safety and ease of use.

It’s becoming more common for excavation companies to rent or own a crusher when their projects are similar to the Speedway job that Balsbaugh had, Garber noted. “If you have to remove limestone to get the job low enough, you can crush the limestone for roads and pipe backfill. Not every job has the challenge and opportunity to do it; you have to be close enough to bedrock for it to make sense.”

However, when you do have the right opportunity, using a strong, productive tracked crusher like the Astec GT440 can make the job a definite win-win, as Balsbaugh Excavating found.

**In honor and loving memory of Douglas Paul Balsbaugh, 1958 – 2022*



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



**2021 CMI C300
Mulch and Mowing**
Cummins QSL9 (300HP), 4 Pump Hyd.
System, D3 Type, Undercarriage, 22" Track
Pads Standard Winch, Backup Camera,
S250HD Stump or FAE 200U-210.

\$448,900



**2002 CBI 6800CT
Mobile Wood Grinder**
CAT C27 Tier 4F Diesel Engine (1050
HP) PT Tech, HPT015 Hyd. Clutch,
Auto Reversing Fan System, 40" X 60"
Hammerhill (24 Hammer Pattern).

CALL FOR PRICE



**2021 CMI C300
Mulch and Mowing**
Cummins QSL9 Tier IVF (300 HP) 4 Pump
Hyd. System Attachment, One Piston
Pump Track, Two Piston Pumps, Auxiliary
Function, One Gear Pump.

\$375,000



**2019 CBI Magnum
Force 6400CT**
CAT C27, Tier 4F Diesel Engine (1050HP)
PT Tech, HPT015 Hyd. Clutch, Auto
Reversing Fan System, 40" x 60" Solid
Steel Segmented Rotor.

\$949,000



**2022 CBI 6800CT
Mobile Wood Grinder**
CAT C27 Tier 4F Diesel Engine (1050
HP) PT Tech HPT015 Hyd. Clutch, Auto
Reversing Fan System, 40" X 60"
Hammerhill (24 Hammer Pattern).

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**2015 CMI C250
Mulch and Mowing**
Well maintained C250-FAE 200/u-225.
Maintenance records and oil
samples available.

\$229,000



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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.

\$789,000



**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.

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**2022 CMI C400L
Mulch and Mowing**
Cummins Tier 4F QSL9 (400 HP) 4 Pump
Hydraulic System Attachment, One Piston
Pump Track, Two Piston Pumps, Auxiliary
Function, One Gear Pump.

CALL FOR PRICE



**2021 Terex Ecotec
Phoenix 3300**
CAT C4.4 Tier 4F Diesel Engine (173HP),
10.2 Cubic Yard Hopper, Rear & Side
Extension, 59" Feed Conveyor, 3-Ply, Variable
Speed Control.

\$419,000



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Used Tub Grinder Forestry Equipment.

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New Quadco 2900 Saw Head**
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Straight with Tree Deflector Boom, Feller
Buncher 14'10" Length Combo Bar Saw/
High Speed Disc Saw.

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





MATERIAL PROCESSING

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