

A publication for and about Brandeis Machinery & Supply Company customers • www.BrandeisSolutions.com



Attendees test out equipment at Brandeis Machinery

& Supply Company's Takeuchi Demo Days.

Komatsu equipment provided by Brandeis Machinery & Supply

Company is used at the Easton Grey groundbreaking ceremony.



David Coultas

A message from Brandeis **Machinery & Supply Company**

BRANDEIS

Dear Valued Customer:

For years, GPS grade control has been used to enhance production and efficiency. Those employing integrated systems on their machines are assisted in increasing their production time by not having a mast or cables to take down or put up.

If you still have conventional excavators and are not using a grade control system, you may benefit from GPS by retrofitting those machines with Komatsu's Smart Construction 3D Machine Guidance. The solution is also now available as a factory install on new machines. As you're looking to upgrade your fleet, it is a good consideration. Read the article in this issue to learn more about the advantages of 3D Machine Guidance.

You can even get 3D Machine Guidance on a new Komatsu compact hydraulic excavator. These smaller machines pack a punch and are designed to drive high production in confined spaces, helping to reduce the need for hand digging. They are fast and versatile, and you can equip them with attachments for demolition and other tasks.

Compact excavators are just a small sample of the equipment Komatsu manufactures for various applications. You can learn about how Komatsu supports the forestry industry by reading the article about the new Komatsu Traction Aid Winch.

There are also valuable articles about mental health in the construction industry, bonus depreciation, and the benefits of Reman parts and components.

As always, if there is anything we can do for you, please feel free to contact one of our branch locations covering Kentucky, Indiana and West Virginia.

Brandeis Machinery & Supply Company

David Coultas

David Coultas,

President



In this issue

Digging into innovation pg. 4

Find out how Dan Cristiani Excavating Co. Inc. completes turnkey projects more efficiently.

New development breaks ground pg. 9

Learn about the Easton Grey community that is being built in Avon, Indiana.

Enhance productivity on the job site pg. 12

Explore Takeuchi Demo Days.

Meet Mike Porta pg. 14

Get to know Bramco Inc.'s new compact equipment manager.

Raising awareness and offering support pg. 16

See how CONEXPO-CON/AGG is shedding light on mental health in the construction industry.

Expanding the Indianapolis branch pg. 19

Discover what upgrades have been made to Brandeis Machinery's Indianapolis branch.

Bring 3D to conventional excavators pg. 21

Drive productivity by giving operators high-precision data with Komatsu's Smart Construction 3D Machine Guidance.

From tight quarters to open spaces pg. 22

Check out Komatsu's compact hydraulic excavators.

Tax-advantaged machinery purchases pg. 24

Read about bonus depreciation.

Extend equipment life at a reduced cost pg. 26

Delve into how Komatsu and SRC of Lexington Inc. work together to provide high-quality remanufactured parts.

High-quality system pg. 29

Look at the Komatsu Traction Aid Winch.





Published for Brandeis Machinery. © 2024 Construction Publications Inc. Printed in the USA.

Leadership Team

David Coultas.

President

Robert Krutsinger,

Vice President/ Regional Sales Manager

Lee Heffley,

Vice President/ Regional Sales Manager

Chip Young,

Vice President/Product Support Services/Operations

Craig Leis,

Vice President/ Corporate Rental Manager

Jacob Hopper,

Indiana Regional Sales Manager

Brandon Karem.

General Manager Material Handling & Technology Solutions

Todd Coffev.

Corporate Service Manager

Dan Brandon,

Manager of Sales & Rental Services

Cory Edwards,

Used Equipment Manager

Mike Porta,

Compact Equipment Manager

Garrett Dykes,

Director of Rebuild Center/ Central Region Operations Manager

Ron Griffin,

Product Support Sales Manager

Trevor Thielbar,

Northern Region Operations Manager

Shawn Spears,

Eastern Region Operations Manager

Casey Clark,

Southeastern Region Operations Manager

Bob Morris,

Western Region Operations Manager

Jami Frank,

Senior Marketing Coordinator

Bowling Green, KY

535 Modern Way (270) 780-3004

Corbin, KY

1484 American Greeting Card Rd. (606) 528-3700

Lexington, KY

1389 Cahill Drive (859) 259-3456

Louisville, KY

1801 Watterson Trail (502) 491-4000

Paducah, KY

160 County Park Rd. (270) 444-8390

Stanville, KY

130 Mare Creek Rd. (606) 478-9201

Evansville, IN

17000 Highway 41 North (812) 425-4491

Fort Wayne, IN

7310 Venture Lane (260) 489-4551

Indianapolis, IN

8410 Zionsville Rd. (317) 872-8410

Digging into innovation

Dan Cristiani Excavating Co. Inc. completes turnkey projects more efficiently with Komatsu Intelligent Machine Control equipment



Danny Cristiani, Co-owner



Rick Whistler, Director of Construction

an Cristiani Excavating Co. Inc. began taking on projects in 1971 with just a small grading tractor and a dump truck.

"My dad started out doing driveways and picking up trash at construction sites," recalled Danny Cristiani, who is currently a co-owner of the business. "That led to buying more equipment, hiring employees and eventually expanding our services. Our original location was in Floyds Knobs, Indiana. We actually outgrew that area and moved to Clarksville in 1994 when we had about 50 employees. From there, everything just kept getting bigger and bigger."

Today, Dan Cristiani Excavating is a full-service operation with a workforce of 230 employees. The company handles a wide range of projects, from residential subdivisions to large-scale commercial developments to sewer and water line installations. Its territory encompasses a 75-mile radius around Clarksville, Indiana.

One of Dan Cristiani Excavating's notable projects currently underway is the development of a 118-home subdivision on a 100-acre site. Additionally, the company is working on a 200,000-square-foot warehouse and several municipal storm sewer replacements.

"Our projects vary in size, but we always maintain a high standard of quality and efficiency," declared Director of Construction Rick Whistler. "That's what we take a lot of pride in — making sure the job's done right, timely and that the customer is always happy."

Adding IMC equipment

A critical factor in Dan Cristiani Excavating's success is its use of Komatsu equipment, including PC138USLC-11, PC360LC-11 and PC490LC-11 excavators, a PC360LCi-11 Intelligent Machine Control (IMC) excavator, and D51PXi-24 and D61PXi-24 IMC dozers.

"The Komatsu equipment has good reliability," commented Whistler.

Cristiani added, "They offer the power and smooth operation we need to handle tough jobs, especially when dealing with hard limestone in our region. The excavators have good dig-out force and are fast. They're very comfortable to run."

The introduction of Komatsu's IMC machines has transformed how Dan Cristiani Excavating approaches its projects. Before adopting equipment with GPS technology, the company relied on manual methods that required more workers and time.

"We used to have surveyors stake out sites and crews manually check grades," Whistler recalled. "Now, with the IMC technology, the machines do much of that work for us. The GPS technology takes a lot of the guesswork out, and it's always accurate, which helps save us time and money. We like the fact that you can see the whole job right there on the screen."

Cristiani added, "When you're cutting grade, you know exactly which direction you're going, where you need to be headed, and it works great."

This shift has streamlined operations, allowing the company to complete projects more efficiently and with fewer resources. The use of GPS-equipped machines has also enhanced the company's ability to handle complex grading and excavation tasks.

"We use our Komatsu PC360LCi-11 excavator for mass grading and pipe installation, and it's incredibly accurate," Whistler noted. "The technology is especially beneficial when working on large building pads or intricate ditch cleanups.

An operator cuts to grade with a Komatsu D51PXi-24 Intelligent Machine Control (IMC) dozer.





An operator uses a Komatsu PC360LC-11 excavator to load a truck with material.

The D51PXi dozer is a nice size; it's not too big or too small for jobs. You can put it on a bigger subdivision or building pad, and it'll keep right up. The accuracy is tight, it's got good tolerances, and the GPS keeps up when you're grading at a fast speed."

Support from Brandeis Machinery

In addition to the Komatsu machines, the relationship between Dan Cristiani Excavating and its equipment distributor, Brandeis Machinery & Supply Company, has been vital to the company's success, ensuring that its fleet is always in top condition and ready for the next challenge.

"Brandeis Machinery has been a great partner," Cristiani acknowledged. "They're always available when we need them, whether it's for equipment sales or maintenance support."

Nick Koetter, a sales representative for Brandeis Machinery, has been instrumental in providing Dan Cristiani Excavating with the right equipment and excellent service.

"Nick's been great to work with," Whistler declared. "Nick is always quick to respond

and gets the maintenance crew involved when needed."

Beyond just providing equipment, Brandeis Machinery also offers valuable insights and recommendations that help Dan Cristiani Excavating stay ahead of industry trends.

"They don't just sell us machines; they take the time to understand our needs and suggest the best solutions," Cristiani explained. "Whether it's introducing us to new technologies or helping us optimize our existing fleet, their expertise is invaluable."

This level of support has fostered a deep sense of trust between the two companies, making Brandeis Machinery more than just a supplier — it is a strategic partner in the growth of Dan Cristiani Excavating.

Outlook

Looking ahead, Dan Cristiani Excavating has ambitious plans for expansion. The company recently purchased several hundred acres of land and is planning on developing a new facility, warehouse buildings, a subdivision, apartments and a park.



Continued . . .

'I'm proud of how far we've come'

... continued



(L-R) Dan Cristiani Excavating's Danny Cristiani and Rick Whistler partner with Brandeis Machinery sales representative Nick Koetter for their equipment needs.

"We see a lot of opportunities in this area," Cristiani shared. "The region is booming, and we're right in the middle of it."

"This year alone, we hired around 25 employees to put in the field," noted Whistler. "The work's there. We just keep building the company and the manpower. Our reputation is built on doing the job right and respecting our customers. That's what keeps them coming back."

As Dan Cristiani Excavating continues to grow, it remains committed to quality work, customer satisfaction and community involvement, while embracing new technologies to stay ahead in the industry.

"I'm proud of how far we've come, and I'm excited about where we're headed," Cristiani concluded. "We're committed to building not just projects but also lasting relationships and a better community. We're trying to make everybody as happy as we can."

*The opinions expressed here are from the end user as quoted. The results described herein are those of these end users under certain conditions. Individual results may vary.













Brandeis meets all of your equipment needs: sales, parts, service, rentals.

TIMBERPRO

KOMATSU



Contact your local Brandeis branch for more information.

Bowling Green, KY (270) 780-30<u>04</u>

Corbin, KY (606) 528-3700 Lexington, KY (859) 259-3456

Louisville, KY (502) 491-4000 Paducah, KY (270) 444-8390 Stanville, KY (606) 478-9201

Evansville, IN (812) 425-4491

Ft. Wayne, IN (260) 489-4551

Indianapolis, IN (317) 872-8410



Log in to your My Komatsu account to see the full range of new features. Don't have a My Komatsu account? Go to **mykomatsu.komatsu** to sign up.



New development breaks ground

Easton Grey community provides collaborative vision for Indiana's future and will include residential, commercial and recreational spaces

arking the beginning of a life-changing project for Avon, Indiana, the Easton Grey development officially took its first steps on July 24, 2024. The event brought together key stakeholders and various local and state officials to celebrate the start of what promises to be a major multi-use development on a 500-acre site.

Brian Cook, a sales representative for Brandeis Machinery & Supply Company, highlighted the significance of the event, noting the unique approach taken for the groundbreaking ceremony.

"What makes this event so special is that instead of using traditional shovels, we're using Komatsu excavators to ceremonially break ground," Cook said. "It's a fitting symbol of the scale and ambition of the Easton Grey project."

Brandeis Machinery's partnerships with stakeholder Republic Development LLC and sitework contractor Fisher Contracting & Excavating are rooted in long-standing relationships characterized by mutual trust and successful collaborations on past projects.

"We've had a strong partnership with Fisher Contracting for many years, and teaming up with Republic Development on Easton Grey was a natural fit," Cook explained. "Our Komatsu equipment and the support we provide will play an integral role in keeping this project moving forward. Our shared commitment to quality and

innovation makes this collaboration particularly exciting as we work together to bring this ambitious project to life."

Building a community

Easton Grey is more than just a construction project; it's a future community hub designed to bring people together in a vibrant, interconnected environment. It will include a mix of residential, commercial and recreational spaces. Rick Arnos, President of Republic Development, emphasized the importance of this vision.



Discover more at BrandeisSolutions.com

Continued . . .



Brandeis Machinery employees and key figures who brought the Easton Grey project to fruition celebrate at the groundbreaking ceremony in Avon, Indiana.



'This project will create a new community hub'

... continued

"Easton Grey will be a place full of life and energy that brings people together," Arnos remarked. "As the various elements of the development take shape, they will enhance one another, creating something greater than the sum of its parts."

One of those aspects is the Riverwalk District, which will feature an integrated village center with 446 high-end apartments, 125 for-sale townhomes, and 160,000 square feet of retail, office, and entertainment spaces, along with the town of Avon's new civic complex. North of the Riverwalk District, Easton Grey will feature connected residential neighborhoods, which will include 465 homes for adults 55 and older and 245 luxury homes overlooking wooded bluffs and Whitelick Creek. Arnos described the project as "transformational," noting that Easton Grey is designed to be a community where people can meet, gather, and create lasting memories.

The Easton Grey team and J.C. Hart Company Inc. will be developing the multi-family product in the Riverwalk District as well as roughly 30,000 square feet of retail space.

"We are very excited to be part of this project because it aligns so closely with our corporate strategy," declared John Hart, Chairman of the Board at J.C. Hart Company. "The Riverwalk District gives us the opportunity to create a live, work, play environment, which is an important component of the projects we undertake today."

Hart also highlighted the unique design elements of the development, which will feature a variety of housing types and price points, attracting a diverse demographic.

True collaboration

The groundbreaking ceremony was also a moment to acknowledge the collaborative efforts that brought the project to this point. Ryan Cannon, Town Manager of Avon, spoke about the unprecedented level of cooperation involved.

"Typically, development processes aren't very collaborative, but Republic Development approached this project differently," Cannon noted. "We've been working together since 2019, and what we've ended up with is something really cool, really unique."

The support from local and state government has been crucial in moving the project forward. Mark Wasky from the Indiana Economic Development Corporation (IEDC) emphasized the importance of investments like Easton Grey in improving the quality of life in communities.

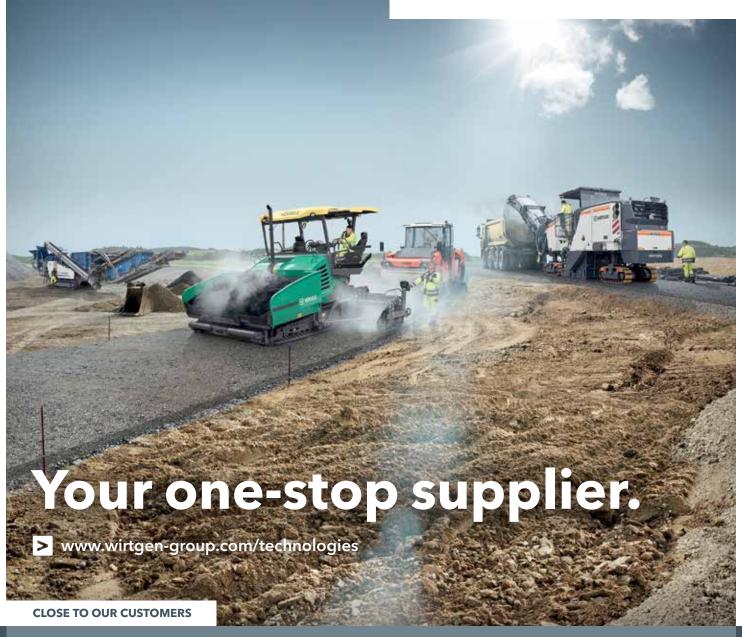
"The Easton Grey development is not just important for Avon, but for the entire Central Indiana region," Wasky stated. "This project will create a new community hub that will draw people from around the region, and hopefully from across the country, to choose Indiana to come live, work and stay."

As the ceremony concluded, attendees were invited to witness the first use of the excavators on-site, a fitting end to a day that marked the beginning of Avon's next chapter. The collaborative spirit, innovative approach and shared vision for the future were evident throughout the event, setting the stage for what Easton Grey is poised to become — a symbol of community, progress and unity for the town of Avon.









ROAD AND MINERAL TECHNOLOGIES. With leading technologies from the WIRTGEN GROUP, you can handle all jobs in the road construction cycle optimally and economically. Put your trust in the WIRTGEN GROUP team with the strong product brands WIRTGEN, VÖGELE, HAMM, KLEEMANN.

www.wirtgen-group.com

WIRTGEN

VÖGELE

HAMM

KLEEMANN



Bowling Green, KY • (270) 780-3004

Corbin, KY • (606) 528-3700

Lexington, KY • (859) 259-3456

Louisville, KY • (502) 491-4000

Paducah, KY • (270) 444-8390 **Stanville, KY •** (606) 478-9201

Evansville, IN • (812) 425-4491 Fort Wayne, IN • (260) 489-4551 Indianapolis, IN • (317) 872-8410

Enhance productivity on the job site

Takeuchi Demo Days showcases how technology, innovation and efficiency on compact equipment can help improve your projects



Mike Porta, Compact Equipment Manager, Bramco Inc.



Jay Summers, Project Manager and Estimator, GTech Construction Services LLC



Irv Gianneschi, Owner, GTech Construction Services LLC

eld in Indianapolis, Takeuchi
Demo Days provided a platform for
industry professionals to experience
the latest advancements in Takeuchi
equipment and technology. The event, hosted
by Brandeis Machinery & Supply Company,
offered attendees the chance to test a range of
Takeuchi machines outfitted with cutting-edge
technology from Topcon and Level Best.
The goal was clear: demonstrate how these
innovations could improve efficiency and
productivity on the job site.

"We came out here today to get a feel for the Takeuchi equipment and to see where Topcon was with their Level Best system integration," shared Jay Summers, Project Manager and Estimator at GTech Construction Services LLC. "At first, we were unsure if the price point was right for us, but after today, it's something we definitely need to evaluate. The potential benefits in terms of efficiency are significant."

For Summers and others in the industry, efficiency and productivity are paramount. The ability to complete jobs more quickly and accurately can be a game-changer. Irv Gianneschi, the owner of GTech Construction Services, emphasized this point.

"With the decline in skilled labor, technology like GPS and automated systems is essential," stated Gianneschi. "It offsets the gap and enhances the quality of work. I never thought

we'd resort to GPS in my career, but now it's almost a necessity."

The event wasn't just about showcasing equipment; it was also about building relationships and understanding customer needs.

"We want our customers to experience the ease of operation that Takeuchi and our technology solutions provide," commented Mike Porta, Compact Equipment Manager at Bramco Inc., the parent company of Brandeis Machinery. "Our goal is to help them complete their jobs stress-free, make more money, and be satisfied with their equipment choices."

Hands-on experience

The hands-on experience was a key highlight for many attendees. Aaron Pace, an operator at Aircon Engineering, appreciated the opportunity to test the machines in a real-world setting.

"This is the first time I've been to an event like this," said Pace. "It's great to be able to get in the machines, feel how they operate, and see if they fit our needs. The comfort and fuel efficiency of the Takeuchi machines really stood out to me."

Chad Flanders, Area Maintenance Manager at Beaty Construction, echoed this sentiment.

"We use a lot of compact equipment for our trail and grading work," Flanders noted. "I always like seeing new technology, and I really enjoyed



At Brandeis Machinery's Takeuchi Demo Days, an attendee tests out a Takeuchi TB235-2 compact excavator.



An operator checks out the capabilities of a Takeuchi TL8R2 compact track loader.



An operator tests out the Level Best technology on a Takeuchi TL12V2 compact track loader outfitted with a grader.



Takeuchi Demo Days attendees learn about the Takeuchi equipment on display.



Aaron Pace, Operator, Aircon Engineering



Chad Flanders, Area Maintenance Manager, Beaty Construction



Derek Herring, Owner, Haulstr Inc.

being able to run the GPS equipment. It would be a very useful tool for our operation."

For many, the event was also an introduction to the capabilities of Takeuchi equipment. Derek Herring, an owner of Haulstr Inc., came in with no prior knowledge of the brand.

"I knew absolutely nothing about Takeuchi before today," Herring admitted. "But, after testing the equipment, I'm impressed. The machines are comfortable and functional. There's definitely interest on my part now." As the construction industry continues to evolve, the integration of advanced technology into everyday operations is becoming more common. Brandeis Machinery's Takeuchi Demo Days provided a clear demonstration of how these innovations can be leveraged to improve business outcomes. With positive feedback from attendees and a strong showing of support from Brandeis Machinery, it's likely that more companies will consider incorporating these advanced systems into their own workflows.



Discover more at BrandeisSolutions.com

Meet Mike Porta

Bramco Inc.'s new compact equipment manager aims to elevate Takeuchi line to benefit customers



ike Porta recently accepted the role of compact equipment manager at Bramco Inc., the parent company of Brandeis Machinery & Supply Company. His journey through the construction industry has uniquely positioned him to lead Bramco's efforts in expanding the Takeuchi product line. Porta's lifelong connection to heavy equipment, coupled with his extensive industry experience, has shaped his approach to this new role, where he aims to leverage Takeuchi's diverse lineup of equipment to benefit Bramco's customers.

"I've always been mechanically inclined," Porta shared. "My father worked for a heavy equipment dealer for 35 years, so I grew up around these machines. It's exciting to follow in his footsteps and contribute to an industry that I've been passionate about since I was a kid. I feel like this position is tailor-made for me and my experience. The opportunity to manage the Takeuchi line and drive its growth is truly exciting."

Porta's role is crucial as Bramco seeks to cater to a diverse and competitive market. The company's success with Takeuchi

VIDEO

Mike Porta, Compact Equipment Manager, Bramco

equipment has prompted the creation of a dedicated position to further capitalize on its potential.

"Machinery today is much more diverse,"
Porta explained. "Customers are looking for
cost-effective, reliable solutions that can help
them complete jobs efficiently. Takeuchi's
technology, such as the Takeuchi Fleet
Management telematics system, offers our
customers precise tracking and operational
insights, making their work more productive
and cost-effective."

In addition to these technological advancements, Porta highlighted the wide range of applications for Takeuchi equipment.

"We are shifting our focus to untapped markets like landscaping, foundations, pool building and concrete work," Porta said. "Takeuchi products are versatile and can significantly benefit these industries by improving precision and efficiency. For instance, our Machine Control Division can outfit your Takeuchi equipment with a Topcon system to make your unit either 2D or 3D ready. The GPS technology allows expert or novice operators to increase their productivity."

Dedicated to helping customers

Bramco's commitment to customer support is another key factor in its success.

"Our team — including salesmen, parts and service representatives, and specialized technology experts — is dedicated to helping our customers achieve their goals," Porta emphasized. "Whether it's providing rental options or ensuring seamless integration of technology, we strive to offer comprehensive support that meets our customers' needs."

Porta's enthusiasm for his role and the future of Bramco is evident.

"This new position allows us to focus our efforts and set clear goals for the Takeuchi line," Porta stated. "We're optimistic about what we can achieve, not only in terms of sales but also in enhancing our customers' experiences. By offering tailored solutions and excellent support, we aim to build lasting relationships and drive success for our clients."



There's only one member of your crew that will never quit, complain, ask for breaks or wish the day would end. The TL8R2 track loader just wants to work. For those who value uptime above all, nothing else comes close. In fact, anything else is probably in the shop.

Jakeuchi

THE MARK OF TOUGHNESS



Bowling Green, KY • (270) 780-3004

Corbin, KY • (606) 528-3700

Lexington, KY • (859) 259-3456

Louisville, KY • (502) 491-4000

Paducah, KY • (270) 444-8390

Stanville, KY • (606) 478-9201

Evansville, IN • (812) 425-4491

Fort Wayne, IN • (260) 489-4551

Indianapolis, IN • (317) 872-8410







Raising awareness and offering support

CONEXPO-CON/AGG joins the movement to shed light on mental health

ONEXPO-CON/AGG, North America's largest construction trade show, is shining a light on mental health issues in the construction industry. Recognizing the unique challenges faced by professionals in the field, the organization has launched a comprehensive resource hub dedicated to mental wellness.

A recent report, Construction Working Minds White Paper 2024,¹ showed that 83% of construction workers have experienced some form of moderate to severe mental health issue. Findings show that compared to other industries, construction ranked first in pain reliever abuse and marijuana and heroin use. The industry ranked second in substance use disorders and heavy drinking. The report noted that construction workers are at particularly higher risk for opioid addiction and overdose deaths.

These statistics follow a 2020 Morbidity and Mortality Weekly Report² from the Centers for Disease Control and Prevention (CDC) that found that 40% of U.S. adults reported struggling with mental health or substance abuse and 11% seriously considered suicide.

The construction industry has one of the highest rates of suicide at 53.3 per 100,000 U.S. workers. That rate is four times greater

than the national average and five times greater than all other construction fatalities combined, according to the CDC and reported by the Associated General Contractors of America (AGC).³

"We cannot stand by while a silent epidemic of suicide takes place within our industry," said Stephen E. Sandherr, former CEO of AGC. "We want to reduce the stigma of mental health issues in this industry, let people know it is okay to ask for help and, ultimately, save lives."

The AGC Mental Health & Suicide Prevention Task Force compiled a wealth of tools and resources, including a series of videos telling the stories of industry professionals who have struggled with mental health. Those are available at https://www.agc.org/mental-health-suicide-prevention.

Know the signs

There are several warning signs for suicide. Seek help if you notice these symptoms in yourself, and look out for these red flags in your crew, so you can guide them to support and resources. A list of warning signs from the Construction Industry Alliance for Suicide Prevention⁴ includes:

- Feeling sad or depressed most of the time
- Talking about feeling trapped or wanting to die
- Extreme mood swings
- · Increased use of alcohol or drugs
- · Decreased self-confidence
- · Feeling hopeless and helpless
- Sleeping too much or too little
- Feeling anxious, agitated or reckless
- · Withdrawing from family and friends
- Talking about being a burden to others

Warning signs specific to construction workers include:

- · Decreased productivity
- · Increased conflict among co-workers
- · Near hits, incidents and injuries
- · Decreased problem-solving ability
- Increased tardiness and absenteeism







The construction industry is facing an ongoing mental health crisis with a report saying that 83% of construction workers have experienced some form of moderate to severe mental health issue.

Changing our approach

CONEXPO-CON/AGG's initiative aims to change the industry's approach to mental health by providing actionable resources, sharing inspiring personal stories and offering practical advice for both employers and employees. With a focus on creating a supportive community, CONEXPO-CON/AGG is committed to bringing awareness to the mental health struggles prevalent in the construction sector and fostering an environment where seeking help and discussing mental wellness is normalized and encouraged, according to the organization.

"The construction industry is filled with professionals committed to precision in everything they do," said CONEXPO-CON/AGG Show Director Dana Wuesthoff. "This level of attention and care must also be given to the mental health of all construction professionals. CONEXPO-CON/AGG is committed to breaking down stigmas and creating a future where mental health isn't an afterthought but the cornerstone of our industry."

CONEXPO-CON/AGG's new comprehensive resource hub can be found online at

https://www.conexpoconagg.com/mental-health. Content includes the award-winning CONEXPO-CON/AGG podcast in which Denis Cashman, Co-owner of Stone Etc. Ltd., shares his battle with addiction and his journey of recovery. Another episode, featuring Priestly Demolition President Ryan Priestly, tackles managing the stress of construction and how to maintain a work/life balance in an industry that doesn't always make it easy to sit back and appreciate achievements, the organization noted.

Other resources and articles available in the CONEXPO-CON/AGG resource hub include Tips for How to Support Your Employees' Mental Health, How to Reduce Stress in Construction, and Breaking the Stigma: Talking About Mental Health in Construction.

- 1. chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/ https://workplacesuicideprevention.com/wp-content/ uploads/2024/03/20240315-FINAL-FINAL-CWM-White-Paper.pdf
- 2. https://www.cdc.gov/mmwr/volumes/69/wr/mm6932a1.htm
- 3. https://www.agc.org/mental-health-suicide-prevention
- 4. https://www.preventconstructionsuicide.com/get-informed

Editor's Note: If you are in a mental health crisis, call or text 988 to speak to a crisis counselor now. You can also text HOME to 741741 to reach the Crisis Text Line and speak to a live, trained crisis counselor.



Robust and productive

Gain versatility and agility in your quarry operations with Montabert's unique variable energy breakers and a wide range of tools. Whether you need primary or secondary breaking, block splitting, crusher assistance or recycling, Montabert breakers can efficiently handle the job.

Discover more ▶

Montabert



Lehnhoff



For more than 100 years, Montabert products have been designed for productivity, reliability and safety.

Montabert breakers and Lehnhoff couplers are available through Brandeis Machinery & Supply Company. Contact us for more information.







Expanding the Indianapolis branch

Brandeis Machinery & Supply Company sees large growth in Indianapolis and upgrades facility to meet demand

randeis Machinery & Supply Company is making significant strides with the expansion of its Indianapolis branch, reflecting the company's commitment to meeting the growing demands of its customers. The upgrades, which began in 2021, have nearly doubled the shop's capacity and enhanced its ability to service a broader range of heavy machinery.

"We've seen tremendous growth in market share over the past few years, and our eight-bay shop was becoming very cramped," said Trevor Thielbar, Regional Operations Manager, Brandeis Machinery. "To keep up with the increasing number of field and shop technicians, we needed more space to efficiently service our customers' expanding fleets."

The recent expansion includes the addition of 10 new service bays and an increase of over 12,000 square feet in the shop area. These developments enable Brandeis Machinery to accommodate larger machinery, such as full-size HD605 trucks.

"We increased the hook height on our cranes significantly to handle these bigger machines, ensuring our technicians can work safely and effectively," elaborated Thielbar.

Along with the shop expansion, Brandeis Machinery has also invested in a new parts warehouse and recently added another 2,200 square feet to support its growing inventory.

"With the number of line items increasing, this expansion was crucial for us to maintain quick turnaround times for our customers," Thielbar explained. Brandeis Machinery Regional Sales Manager Jacob Hopper emphasized the importance of these upgrades for customer service.

"This expansion is the best move we've made in a long time," noted Hopper. "It allows us to support our customers from the smallest to the largest machines, keeping downtime to a minimum."

The branch now boasts a total of 28 service bays, including those dedicated to Certified Rental equipment, making it the largest servicing branch within Bramco's footprint. Bramco is the parent company of Brandeis Machinery.

"This significant investment reflects Brandeis Machinery's commitment to fully encompassing every aspect of our customers' needs in one facility," Hopper concluded.

These upgrades, including enhanced parking and a new technician training facility, ensure that Brandeis Machinery is well equipped to continue delivering high-quality service to its expanding customer base in Indianapolis and beyond. ■



Trevor Thielbar, Regional Operations Manager, Brandeis Machinery



Jacob Hopper, Regional Sales Manager, Brandeis Machinery



expanded shop includes 10 new service bays and an additional 12,000 square feet of workable space.

Brandeis Machinery's newly upgraded Indianapolis branch includes enhanced parking, a new technician training facility and an expanded parts warehouse.





Discover more at BrandeisSolutions.com



Learn more about this exciting new solution at komatsu.com/en/technology/smart-construction/3d-machine-guidance/









Bring 3D to conventional excavators

Drive productivity by giving operators high-precision data with Komatsu's Smart Construction 3D Machine Guidance

re you looking for an easy way to improve your conventional excavator's grading performance? Access to 3D advantages offered by Komatsu's Smart Construction 3D Machine Guidance can help by quickly providing operators with the latest design data, effectively measuring payload volume and load counts as well as monitoring production from the office.

Smart Construction 3D Machine Guidance is an entry-level technology solution that brings 3D to conventional excavators, giving operators in the field and managers in the office access to 3D design and topography data that help drive accuracy and promote optimized operations. Using a global navigation satellite system, a machine can determine where it is on the job site and what the target grade is as well as eliminate the need to set up a laser or bench every time the machine moves.

"3D Machine Guidance is an indicate-only system that plays nicely between a standard excavator and Komatsu's Intelligent Machine Control excavators with factory integrated semi-automatic grade control," explained David Yim, Solutions Manager for 3D Machine Guidance with Komatsu's Smart Construction team. "A major benefit of 3D Machine Guidance is that the operator can dig only what's needed, so there's no wasted production and reduced material handling. That allows the operator to be more efficient, saving time and money in the operation."

3DMG Basic, Steer To Indicator

Yim noted that Smart Construction 3D Machine Guidance — formerly Smart Construction Retrofit — has new features such as 3DMG Basic that will eliminate the need for a project file.

"After a project has been localized, an operator can touch the bucket to the ground to create a flat plane surface directly from where the cutting edge is," said Yim. "They can also touch point A then point B and create a sloping surface. Another new feature is the Steer To Indicator that offers horizontal guidance along with vertical guidance. That's a powerful tool for those working in utility applications."

Smart Construction 3D Machine Guidance helps lower the costs of bringing technology into your operations with compact and modular kits that fit most sizes of Komatsu excavator models, including the HB365LC-3 hybrid excavator.

"It is now available as a factory-installed option on new machines or as an add-on through your Komatsu distributor," Yim indicated. "3D Machine Guidance can also be installed and used on many OEM brands of excavators. We encourage anyone who's looking for a system that will improve the production and efficiency of their conventional excavators to contact their distributor about adding 3D Machine Guidance."



Watch the video



Komatsu's Smart Construction 3D Machine Guidance is an entry-level technology solution that brings 3D to conventional excavators, giving operators in the field and managers in the office access to 3D design and topography data that help drive accuracy and promote optimized operations.

> VIDEO



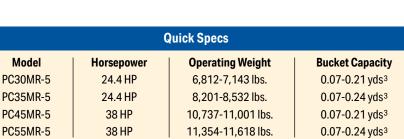
From tight quarters to open spaces

Komatsu compact excavators deliver high production in a wide range of applications

o get high production in confined spaces, you need the right equipment that lets you dig without worrying about hitting structures or obstructions. Komatsu's compact hydraulic excavators offer the design and engineering to get the job done, according to Komatsu Business Development Manager Taimoor Khan.

"Our compact excavators are sized right for work in close quarters whether it's next to a house or a building, in a lane of traffic, or near trees or other sensitive environmental elements," said Khan. "They are built to the same engineering durability requirements as our larger construction and mining excavators. They are quick and reliable, and all come with rubber tracks that reduce ground impact and marring of paved surfaces."

Four models are available, ranging from the 24.4-horsepower PC30MR-5 to the 38-horsepower PC55MR-5. All can be equipped with buckets for digging or a variety of attachments for use in demolition, landscaping and other applications. All are available with open or closed cabs.



"Which one best fits your operations depends on how you plan to use it," stated Khan. "All are equipped with the hydraulic lines to easily switch attachments or run a thumb. That gives customers versality with the ability to do several jobs with one machine."

In addition to tight quarters, Komatsu's compact excavators can be used for production in open spaces.

"We see a lot of customers use these machines on larger construction sites where you may not need the power and footprint of larger excavators such as shallow utility digs," said Khan. "With proper ventilation, you can also use them for indoor applications. There is a wide range of uses beyond just utilizing them for tight spots."

Add 3D Machine Guidance

Adding Komatsu's Smart Construction 3D Machine Guidance can further increase productivity and efficiency. The add-on kit is an indicate-only system that brings 3D to most conventional Komatsu excavators, giving operators 3D design and topography data that help drive accuracy and promote optimized operations.

"3D Machine Guidance adds further value to these high-quality, dependable compact excavators," noted Khan. "If you are looking for production in a utility-sized machine, these make a great addition to your fleet and are backed by a two-year or 2,000-hour warranty."

Komatsu's compact hydraulic excavators work in a variety of applications, especially on job sites with limited space.

Watch the video





Technology to help you work smarter





Maximize productivity on your job sites with advanced automation technology. Komatsu's Intelligent Machine Control (IMC) can help you get the most from your machines, crew and carefully designed plans.

- Get new operators up to speed quickly
- Go from mass excavating to finished grading faster than ever
- Helps eliminate potential damage to design surface
- Empower operators to work efficiently, pass after pass

Discover more ► komatsu.com/imc



Tax-advantaged machinery purchases

Bonus depreciation drops to 60%; machinery must be purchased and placed into service by midnight Dec. 31

his year, bonus depreciation dropped to 60% under the Tax Cuts and Jobs Act of 2017. Bonus depreciation is available for both new and used equipment bought and placed into service by the end of the year. Eligible qualified property includes depreciable assets that typically use the Modified Accelerated Cost Recovery System (MACRS) with a recovery period of 20 years.

Bonus depreciation is meant to encourage businesses to invest in new equipment and machinery by providing them a tax incentive to do so. With the percentage of bonus depreciation dropping, now may be a good time to consider making a purchase.

Higher amounts for Section 179

An additional advantage of bonus depreciation is that it has no limit on the amount. It can

be used in conjunction with Section 179 expensing, another tax savings vehicle, that does have a cap.

The Section 179 deduction limit was raised to \$1,220,000 for 2024, an increase of \$60,000 compared to 2023. After that amount, the expensing percentage begins to reduce. The total equipment purchase limit for this year is \$3,050,000, up from \$2.89 million last year.

Bonus depreciation, which is generally taken after the Section 179 spending cap is reached, will continue to phase down from 60% in 2024 to 40% in 2025, 20% in 2026 and 0% in 2027.

Editor's Note: This article is for informational purposes only. To learn more about how to take advantage of these tax savings, contact your tax adviser or equipment dealer for more information.

You can take 60% bonus depreciation on eligible new and used equipment purchased and placed into service by midnight on Dec. 31.





United. Inspired.

The whole range

For everything a driller needs, rely on Epiroc and Brandeis.



Bowling Green, KY • (270) 780-3004

Corbin, KY • (606) 528-3700

Lexington, KY • (859) 259-3456

Louisville, KY • (502) 491-4000

Paducah, KY • (270) 444-8390

Stanville, KY • (606) 478-9201

Evansville, IN • (812) 425-4491

Fort Wayne, IN • (260) 489-4551

Indianapolis, IN • (317) 872-8410

Extend equipment life at a reduced cost

Komatsu and SRC of Lexington Inc. work together to provide high-quality remanufactured parts



RC of Lexington Inc. works closely with Komatsu and its dealership network to provide high-quality remanufactured parts that help extend equipment life. The approximately 100,000-square-foot facility in Lexington, Ky., specializes in remanufacturing heavy equipment components for the mining and construction sectors.

Adam Trebolo, Director of Sales and Marketing at SRC of Lexington, detailed the comprehensive processes and technologies that define the facility's operations.

"Typically, we remanufacture components like engines, transmissions, hydraulic pumps and motors," Trebolo explained. "We take old, worn-out parts and completely disassemble them. Parts that can be reused are machined back to the original specifications, and new original equipment manufacturer parts are used for those that can't be salvaged."

There are many benefits of remanufacturing, including cost savings and promoted sustainability.

"Remanufacturing reduces the total cost of ownership significantly," Trebolo emphasized. "Replacing an old engine with a remanufactured one is much cheaper than buying a new machine, and it ensures the equipment is ready for another long service life. Remanufacturing also uses significantly less energy than producing new components. We reuse most of the iron, and we recycle what we can't use, so it's a more environmentally friendly option."

The facility's operations are meticulously organized to ensure quality and efficiency.

"When we receive a core, it's first inspected and identified," said Trebolo. "The disassembly process is kept separate from the assembly to maintain cleanliness, and every part undergoes thorough inspection and machining to meet original equipment specifications."

A cornerstone of SRC of Lexington's success is its pivotal relationship with Komatsu, which has existed since the facility's inception.

"This factory used to be a Komatsu plant until the financial crisis in 2009," Trebolo recounted. "We persuaded SRC to buy the operation, and since then, we've been a separate company but still closely aligned with Komatsu. They are our largest customer, but since then, we've taken on business from other OEMs, as well as some work directly with mines on other products."

Investing in technology

SRC of Lexington's cutting-edge technology contributes significantly to the plant's capabilities.

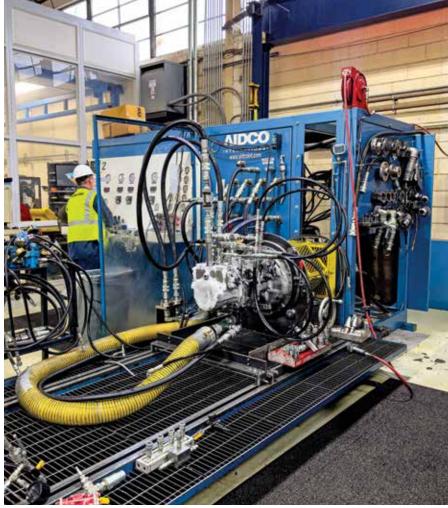
"We use advanced techniques like metal buildup for worn surfaces and high-end machining to ensure parts are restored to their original dimensions," elaborated Trebolo. "Our coordinate measuring machine and 3D printers aid in precision and efficiency."

Trebolo added, "One thing that really makes us unique is we have our own electronic work instruction system software, Task Forge, which ensures every step in the remanufacturing process is followed meticulously. We've developed detailed photo instructions that guide technicians step by step. With over 100,000 steps in our system, we can ensure consistency and quality across all processes."

The facility's focus on lean manufacturing and continuous improvement is evident in its collaboration with the University of Kentucky and Toyota.

To ensure consistency when remanufacturing components, SRC of Lexington employees use Task Forge, an electronic work instruction system software that ensures every step in the remanufacturing process is followed meticulously.





At SRC of Lexington's facility, an employee tests the hose pressure and quality of a remanufactured engine.



An SRC of Lexington employee uses a 3D printer inside the facility's clean room.

"We work on eliminating waste and improving efficiency," stated Trebolo. "For example, we've synchronized the assembly process for similar hydraulic pumps, reducing labor and increasing competitiveness in the market."

Safety, dedicated employees

At SRC of Lexington, safety is paramount.

"We're really proud of our safety record here," Trebolo declared. "We've gone over 1,600 days without a lost-time accident, and we prioritize safety to ensure everyone goes home the same way they came in."

Employee ownership is another unique aspect that drives commitment and quality.

"As an employee-owned company, everyone here has a stake in our success," said Trebolo. "This ownership mentality ensures that our employees are dedicated to producing the highest-quality products."

With a focus on quality, efficiency and sustainability, SRC of Lexington continues to be a leader in remanufacturing capabilities. Its partnership with Komatsu and investment in advanced technology ensure that it remains at the forefront, delivering high-quality, cost-effective solutions to its customers.



Taking precise measurements to return components to OEM standards is a key step in SRC of Lexington's operations.



Being the best in the game starts with a product you can trust. Our full lineup delivers the performance you need to get the job done. Whether you need heavy-duty, solids-handling trash pumps or high-head, high-volume dewatering pumps, our products are engineered to get you from job to job — fast.





Call Brandeis Machinery & Supply Company today! Your authorized Gorman-Rupp Pumps distributor.



Bowling Green, KY • (270) 780-3004

Corbin, KY • (606) 528-3700

Lexington, KY • (859) 259-3456

Louisville, KY • (502) 491-4000

Paducah, KY • (502) 491-4000

Stanville, KY • (606) 478-9201

Evansville, IN • (812) 425-4491

Fort Wayne, IN • (260) 489-4551

Indianapolis, IN • (317) 872-8410

High-quality system

Optional Komatsu Traction Aid Winch ensures continued production with low impact on steep terrain

hen harvesting and forwarding in steep terrain, a traction aid winch is a useful complement to ensure a productive workday while also considering the impact on the forest. The Komatsu Traction Aid Winch is a high-quality system based on more than 20 years of experience of winch use in the Alpine regions of Europe. It provides extra tractive force and grip, and it enables the machine to navigate inaccessible terrain.

Available as an option on the Komatsu 875 forwarder and the Komatsu 931XC harvester, the winch has a well-considered design that helps simplify the workday. Thanks to its compact dimensions, it has no adverse impact on maneuverability or visibility. The winch is easily removed during servicing or when driving on flat terrain. It also has a hydraulic tilt that makes it easy to tilt the winch downward when opening the hood or adjusting the rope angle.

Komatsu designed the winch to be well-integrated into the rear frame. The Komatsu 875 has an integrated crane tilt option, which helps to compensate for any lean of the machine up to 22 degrees and thereby

better maintains the crane's slewing torque on steep ground.

The winch is controlled with a remote, and several operating modes are available to optimize winch use.

The capstan principle

The system is based on the well-proven capstan principle, which means that the winch has a separate drum for rope storage while the capstan unit provides the tractive force. This solution provides even traction regardless of how much rope is left on the drum. It also causes less wear on the rope, resulting in a longer service life. Additionally, it has a feeder unit that ensures that the rope is always tensioned inside the winch.

Anchor point monitoring

One new feature is that the system has been complemented with anchor point monitoring, which meets the requirements of the new ISO standard (EN ISO 19472-2:2022 and EN 17067:2018) for traction aid winches. This system warns the operator if the anchor tree moves, so the machine can be secured.



Available as an option on the Komatsu 875 forwarder and the Komatsu 931XC harvester, the Komatsu Traction Aid Winch is a high-quality system that provides extra tractive force and grip to the standard model. It is designed to help the machine navigate even tougher terrain than without the option.



TRUST LEEBOY.

You work hard—and for all the right reasons: pride, quality, reputation, prosperity. You expect your equipment to work as hard as you do, to be every bit as tough, productive and reliable as you are. We are LeeBoy. The name behind the world's most dependable and productive commercial asphalt paving equipment.

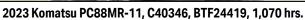


www.brandeismachinery.com



Used Equipment







2022 Komatsu WA320-8, 86807, PT35091-1, 3,180 hrs.

Year/Make/Model	S/N	Equipment Number	Location	Hours
Articulated Truck				
2017 Komatsu HM400-5	10593	J00819	Nashville, TN	7,733
Compaction			·	·
2023 HAMM HC 50i	H287.0103	J00823	Louisville, KY	200
2017 HAMM H 10i P	H2350038	J00833	Nashville, TN	4,141
2018 HAMM H 13i P	H234.0552	J00809	Louisville, KY	1,000
2023 HAMM HC 130i	H254.0247	J00806	Louisville, KY	50
Dozers				
2022 Komatsu D39PXi-24	100391	J00850	Louisville, KY	1,418
2021 Komatsu D39PXi-24	100120	J00851	Louisville, KY	2,379
2017 Komatsu D39PXi-24 2019 Komatsu D51PX-24	95443 B20398	BTE24608 J00797	Evansville, IN Louisville, KY	3,279 2,634
2023 Komatsu D511X-24	16126	J00849	Little Rock, AR	1,858
2020 Komatsu D51PXi-24	B20927	PT32674-1	Tupelo, MS	3,980
2020 Komatsu D51EX-24	B20316	J00808	Knoxville, TN	3,942
2023 Komatsu D61PX-24	B65880	BTE24503	Nashville, TN	3,436
2020 Komatsu D61PXi-24	B1177	J00831	Louisville, KY	2,713
2022 Komatsu D61PXi-24	B65579	BJ00824	Bowling Green, KY	3,195
2023 Komatsu D61PXi-24	B66209	J00847	Nashville, TN	1,963
2023 Komatsu D61PXi-24 2023 Komatsu D65EX-18	B66204 96294	J00848 J00846	Nashville, TN Nashville, TN	1,921 1,675
2020 Komatsu D65PX-18	92320	PTJ00604	Kingsport, TN	3,987
2022 Komatsu D71PX-24	70711	J00840	Louisville, KY	820
2021 Komatsu D71PXi-24	70300	J00825	Evansville, IN	3,139
Excavators				
2023 Komatsu PC88MR-11	C40346	BTF24419	Fort Wayne, IN	1,070
2022 Komatsu PC138USLC-11	C30204	J00855	Louisville, KY	400
2022 Komatsu PC170LC-11	35960	PT37492	Little Rock, AR	2,463
2022 Komatsu PC210LC-11	A13526	J00843	Springdale, AR	2,493
2022 Komatsu PC210LC-11	A13528	J00845	Springdale, AR	2,741
2022 Komatsu PC210LC-11	A13450	PT33446-1	Little Rock, AR	2,749
2018 Komatsu PC238USLC-11 2022 Komatsu PC240LC-11	5138 A22735	BTN24909 J00854	Indianapolis, IN Louisville, KY	4,288 2,055
2023 Komatsu PC290LC-11	A28619	J00829	Little Rock, AR	1,821
2023 Komatsu PC290LC-11	A28611	J00830	Little Rock, AR	1,795
2024 Komatsu PC360LC-11	A39881	BTN24908	Indianapolis, IN	492
Wheel Loaders				
2016 Komatsu WA200-7	81728	J00832	Nashville, TN	5,370
2019 Komatsu WA270-8	A28585	J00838	Nashville, TN	5,027
2022 Komatsu WA320-8	86807	PT35091-1	Knoxville, TN	3,180
2016 Komatsu WA600-8	80032	PJ00515	Nashville, TN	14,942

KOMATSU

www.brandeisused.com



Presorted Standard US Postage Paid C.P.I.

KOMATSU

Takeuchi







Call the Certified Rental hotline to learn more about rental options.



BRANDEIS (800) 997-7530 CERTIFIED RENTAL®

Contact your local Brandeis Certified Rental branch for more information.

Bowling Green, KY (270) 780-3004

Corbin, KY (606) 528-3700

Lexington, KY (859) 259-3456

Louisville, KY (502) 491-4000

Paducah, KY (270) 444-8390

Stanville, KY (606) 478-9201

Evansville, IN (812) 425-4491

Ft. Wayne, IN (260) 489-4551

Indianapolis, IN (317) 872-8410