











# Steel Dynamics® Flat Roll Group Columbus Division

## NOTHING SAYS COMMITMENT LIKE \$330 MILLION.

At Steel Dynamics, once we make a commitment, we stick with it. That's why we continue to invest in our Columbus Division. Since purchasing the steel mill in 2014, we've invested \$100 million, with another \$230 million currently in progress. This not only helps the local business economy, but all of Mississippi. The latest addition is our new galvanizing line, which adds value to our customers and strengthens our position in the steel industry.

STEEL DYNAMICS, A PROUD MEMBER OF THE GOLDEN TRIANGLE.

Columbus Division 1945 Airport Road Columbus, Mississippi 39701 (662) 245-4200

www.steeldynamics.com

## "Made in a Day"

# Columbus Airbus facility featured in National Geographic series

Story by Isabelle Altman ialtman@cdispatch.com

his past year, Airbus' Columbus facility was featured in a National Geographic video series on manufacturing in America. The documentary series "Made in a Day," which viewers can stream on Disney+, is about making different brands and products, from space rockets to electric guitars to whiskey. But it's the episode on helicopters where the series gives viewers a look at Golden Triangle workers building the H125 at Airbus' Columbus facility on Airport Road.

Since the plant's opening in 2003, it has produced more than 14,000 helicopters for departments and corporations from the U.S. Army to individual law enforcement agencies around the country to NASA. The facility employs more than 250 workers locally and stayed open during most of the COVID-19 pandemic.

Erin Callender, head of communication from Airbus' North American region, said Airbus representatives were "extremely pleased" to be included in "Made in a Day," which gives viewers an insight into the facility's operations and shows the parts and processes of the helicopters'



Photo courtesy of Tellos Creative

An Airbus technician works on a H125 helicopter while being filmed for a National Geographic documentary series on building helicopters last year.

### Airbus

**Continued from Page 3** 

design and assembly.

"The National Geographic piece is a really good, comprehensive way to see from A to Z what we do when we're manufacturing a helicopter," Callender said.

The 22-minute episode gives facts and figures about the H125 (the facility also manufactures Lakoa helicopters for the U.S. Army, but those were not featured in the episode) and includes interviews with facility employees. Calendar said about 40 percent of the facility's employees are veterans, a fact of which Airbus is extremely proud.

"We have really competent workers who are extremely dedicated and do a fantastic job of supporting customers and building helicopters out of Mississippi," she said.

The facility saw other changes this year, including a new facility manager in Johannes

'The National Geographic piece is a really good, comprehensive way to see from A to Z what we do when we're manufacturing a helicopter.'

Erin Callender, head of communication from Airbus' North American region

Dienemann, who has worked for Airbus since 2007 when he worked with the company in France in 2007. Originally from Berlin, Germany, he moved to the U.S. in 2008 and has spent the last few years going between Airbus' facilities in Columbus and Dallas. When he took the reigns for outgoing facility manager Mike Spears, he said he was happy to be in Columbus permanently.

"Now I get the opportunity to spend my

time in Columbus and I'm excited about that," Dienemann said when he started full-time at the facility in March. "It's exciting what's happening here and to be a part of it."

Calendar said the COVID-19 pandemic has also made the past year "an interesting one" for Airbus, but said the facility remained open with only about a 10-percent drop in activity due to the pandemic and resulting economic downturn.

"We've stayed open since the beginning," she said. "We've continued building helicopters, we've continued supporting all of our customers, especially since most of them are essential missions and essential business, so we've done everything we can to keep our employees safe so that we can keep our doors open."

### **PROUDLY SUPPORTING**

### Our Community

Southern lonics is a leading provider of chemicals to multiple industries around the world. A focus on environmental responsibility and the well-being of the communities in which we are located are hallmarks of our company culture.



#### HELICOPTERS

## Supporting space exploration from the skies

Helicopters can't fly to space just yet, but they can support some of the most important missions on Earth. Built and completed in Columbus, Mississippi, by a 40 percent U.S. military veteran workforce, Airbus helicopters perform missions around the country saving lives, protecting communities, maintaining critical infrastructure – and even providing aerial security at rocket launches.



Kennedy Space Center

#makingmissionspossible

airbus.com

**AIRBUS** 

# Off the training wheels



Photo courtesy Colin Kenned

Recipients of silver cords for the WorkKey certification program. 15 students received stipends for scoring bronze or higher with the Gateway Training Program, each earned \$600.

### LINK grant helped lead way for WorkKeys testing throughout state's high schools

Story by Slim Smith

ssmith@cdispatch.com

hen a grant expires, it may be a sign that it has failed to achieve its goal or is no longer relevant. But in the best cases, grants expire because they have achieved their goal.

That's why Macaulay Whitaker is talking about...bicycles? Yes, bicycles.

Whitaker, Chief Operating Officer for the Golden Triangle Development LINK, says the

LINK grant that funded WorkKeys testing at area high schools, was a lot like the training wheels used to teach children how to ride a bike.

The initial grant was for five years, providing \$5,000 to each high school that would provide juniors and seniors. The grant, which began in 2015, was extended another year because of COVID-19 and other factors, but expires this year.

"The training wheels are coming off," she said.

WorkKeys is owned by the American College

Test, a nonprofit educational organization that developed the ACT to measure student readiness for college. ACT founded WorkKeys in 2001 to measure applied skills commonly used in the workplace. Although It is a complement to ACT rather than an alternative, the nature of the WorkKeys test has led to it being used to assess workplace readiness for students who may not be on a college track.

When The Golden Triangle Development LINK was pursuing certification as a Work

See LINK, 7

SALUTE TO INDUSTRY THE DISPATCH 🥰 www.cdispatch.com Sunday, May 23, 2021 7





Recipients of platinum cords for the WorkKey certification program. 15 students received stipends for scoring bronze or higher with the Gateway Training Program, each earned \$600.



Photo courtesy Colin Kenned

Recipients of gold cords for the WorkKey certification program. 15 students received stipends for scoring bronze or higher with the Gateway Training Program, each earned \$600.

#### LINK

#### Continued from Page 6

Ready Community as part of its economic development efforts, it focused on incorporating the existing WorkKeys program at East Mississippi Community College's workforce development program with local business and industries.

"What we discovered was the high schools were the missing component," Whitaker said. "So in 2015, we started a grant program for \$5,000 for any school in our area that wanted to provide WorkKeys testing."

The grants covered the \$50 charge for the testing, enough for 100 students at each school.

"The goal of the (grant) program was to get the high schools started and then track what was happening in the Legislature and Department of Education."

In 2019, the Legislature appropriated \$1 million for WorkKeys at high schools in the state. This year, said Lenora Hogan, Director of Starkville High School's Millsaps Career and Technology Center, WorkKeys will be incorporated into the state's accountability standards, making it available at all high schools through

state funding.

The LINK's WorkKeys grant arrived at the same time Hogan took over as Millsaps director. While she immediately saw the potential of the program, she confesses selling the idea to some people in the community was more difficult.

"There was some misunderstanding at first," Hogan said. "The first year, I made (WorkKeys) a requirement for the seniors, some parents were calling and asking why their kids, who were going to college, were having to take this test for people going into factory work. I had to explain to them that WorkKeys was something that was for every kid. I told them that if their kid wanted to be an engineer and was looking for an internship, that WorkKeys certification would help them get better internships. I want my students to have every certification they can get. WorkKeys are as much for college-bound kids as anyone. It's a real value."

Courtney Tayor, director of EMCC's Communiveristy said bringing WorkKeys to high schools has been a real boost.

"I think it's been very important," Taylor

said." It allows for a couple of things. First, it's a separate measure than the ACT in giving high school students a frame of reference as to where they stand in terms of being ready for the workforce. On our end, it gives us a lot of good data about where students' needs are coming into our program.Do the scores on the math section show a little more work is needed there? Things like that. It really helps us identify and tailor our programs to meet areas of need."

Whitaker said the success of the LINKS' WorkKeys grant program is an example of the teamwork applied to enhance the Golden Triangle's reputation in the competitive world of economic development.

"I think the Work Ready certification demonstrated something we here in the Golden Triangle are particularly good at: Teamwork around an initiative," Whitaker said. "We had to have everybody involved to make it work: The LINK, EMCC, community leaders, county and city government and the high schools. Establishing WorkKeys as a tool at every level was a big part of that."

### East Systems expansion well underway

### Husband and wife team mark the next step in a successful journey

Story by Tom Ward

eorge East answered his cell phone quickly. After operating a local business for 25 years with his wife Judy, the phone rings now more often than ever.

New customers and the expansion of their company have made 2021 the busiest year yet for East Systems Inc. First launched in their garage, East Systems designs, manufactures, installs and maintains specialized electric control equipment for the printing, mining, packaging and converting industries and more. "It's like taking on another job,"

George said with a laugh about their business expansion. "We're about halfway through. The slab is done and the construction is going great."

The business expansion, at a cost of approximately \$890,000, marks the next step in a successful journey for the husband and wife team. Judy, an accountant, deals with the finances while George, an electrical engineer, handles production.

Although the expansion is still underway, it has begun paying dividends by inspiring the confidence of new customers. An Alabama com-

See EAST SYSTEMS, 15



Photo by Deanna Robins

East Systems Inc. owners, George East and his wife Judy, are in the process of expanding their business.



2310 Martin Luther King Junior Drive • Columbus, MS 39705 • 662-328-4547



Transportation | Water/Wastewater | Civil/Site | Environmental Services | Support Services

A multi-disciplined civil engineering and design firm working out of **36 offices** across **9 states** 

www.neel-schaffer.com

# The Clinic at Elm Lake

Personalized Medical Care for a Healthy, Happy, Strong YOU!

We are proud supporters of local industry and workers.

**Certified DOT Medical Examiners** 

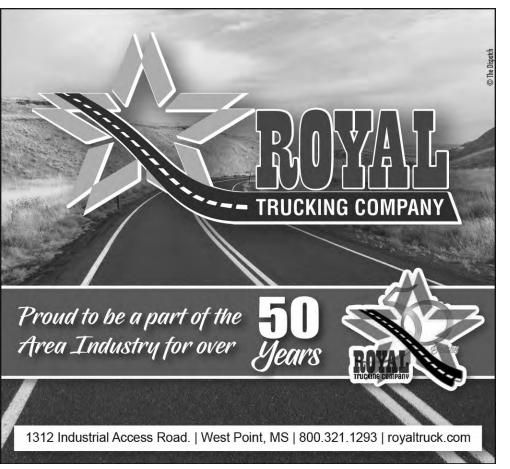


Stephanie M. Gale CFNP

CALL FOR A SAME DAY APPOINTMENT WORK CARE & PRIMARY CARE

662.240.9999 3700 North Frontage Road • Columbus, MS www.elmlakeclinic.com

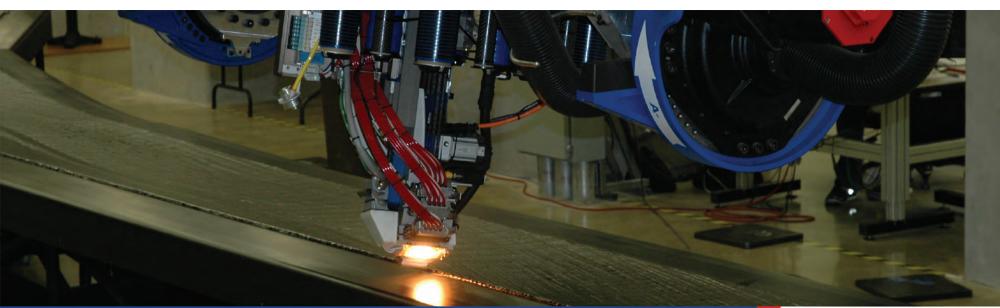
© The Dispato



PROUD
to be a part of
our local Industry.







TOGETHER, WE DELIVER INNOVATIVE TECHNOLOGY USING ADVANCED COMPOSITE MANUFACTURING WITH AUTOMATION AND ROBOTICS.



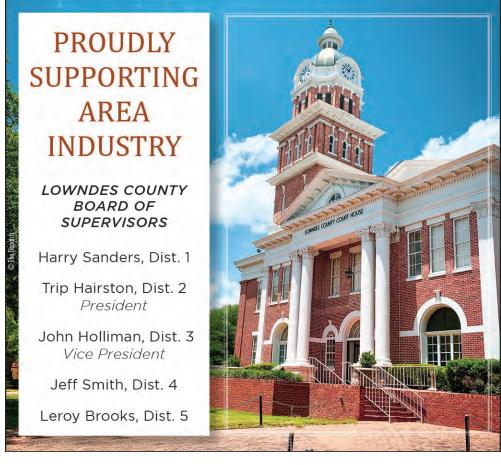


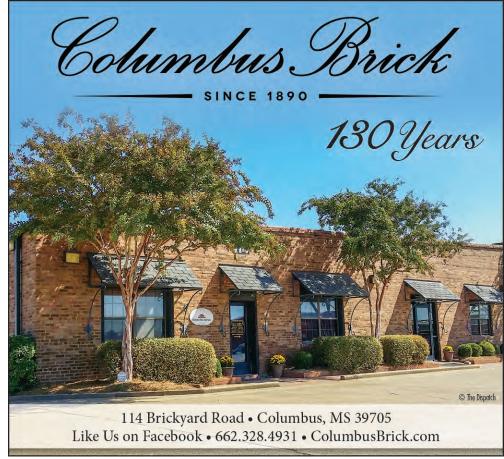


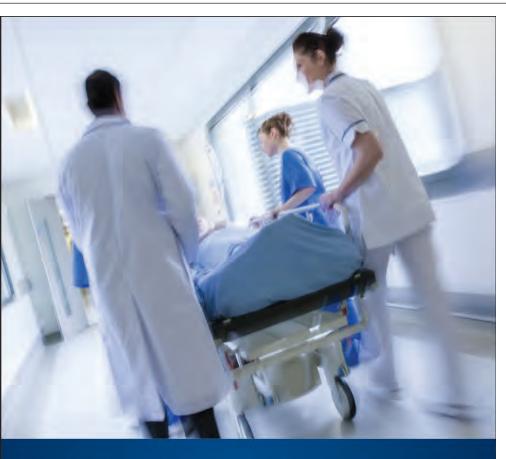
# The #1 Choice For U.S Farm Raised Catfish

Retail Store • Mon. - Fri. • 8:00am - 4:30pm 11751 Hwy. 45 • Macon, MS 39341 1-800-896-4760

Proud To Be A Part Of Local Industry Since 1994







### Baptist is Equipped, Safe and Ready

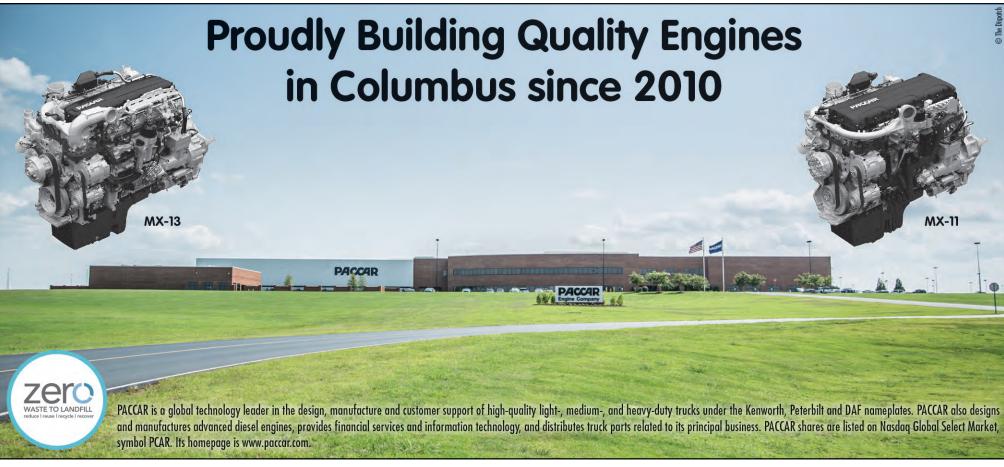
Emergencies can occur at any time, even during a pandemic. That's why Baptist Golden Triangle's emergency department is always ready to treat you quickly and safely, taking extra care to protect you and your family from COVID. So when your emergency happens, you can be confident you'll get the safe, advanced care you need 24/7, from doctors and nurses who grew up right here in Columbus and who know how to care for you.

We're taking special care to provide you special care. Baptist is equipped, safe and ready.



Get Better.





We work closely with our industrial customers to provide reliable and affordable service.







420 Fourth Avenue South, Columbus, MS 662.328.7192 • www.columbuslw.com



# Solar Triangle

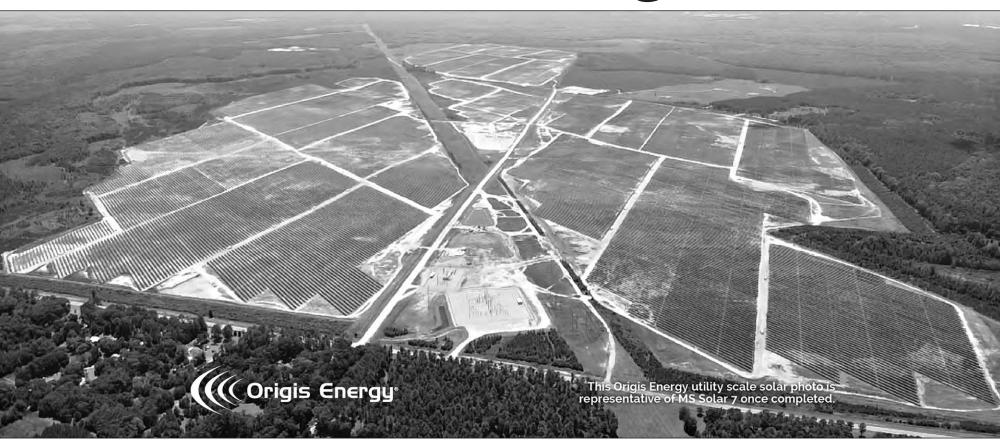


Photo courtesy Origis Ener

### Large scale solar energy production in Golden Triangle didn't arrive by happenstance

Story by Slim Smith ssmith@cdispatch.com

he old saying goes, "Cut your own firewood and it will warm you twice."

That idea, applied to economic development in the Golden Triangle, goes a long way in understanding the sudden arrival of a new industry, solar power.

Over the last 15 months, three large-scale solar energy facilities have been approved by TVA — two on adjoining properties in west Lowndes County and another in Clay County.

Florida-based Origis Energy will build and operate all three facilities, which when fully operational, will generate a combined 550 megawatts of solar energy and 300 megawatts of battery, or reserve, solar power. The first of the three facili-

ties is scheduled to begin solar power production in October 2022 while its sister facility will come on line in the fall of 2023. The Clay County facility should be operational in 2024. Starkville-Oktibbeha county officials have signed a tentative fee-in-lieu agreement for the potential development of a facility there while the Clay County site has an additional 2,000 acres available for future expansion.

Combined, the two solar facilities in Lowndes County represent the largest solar energy facility in the state.

It might be a bit of a reach to say that the Golden Triangle has become the Solar Triangle, but the arrival of an emerging industry built on renewable energy will have a real impact on the community. While the solar facilities won't produce many permanent jobs — no more than four

or five employees are needed to maintain operations once the hundreds of thousands of solar panels are installed — it will produce millions of dollars in tax revenues for local government and schools.

To understand how it is that the Golden Triangle has become a key player in solar energy production, it began not with the first solar facility built in Lowndes County in 2014, a relatively tiny 1 megawatt facility built near the Lowndes County Industrial Park, but at the turn of the millennium when the area's industrial boom was in its infancy.

To accommodate the large factories that were arriving in the county, large transmission lines were needed to supply the power needed by the newly-arriving industries.

See **SOLAR**, 14

### Solar

Continued from Page 13

"When I came here there was one 161 kV feed to the industrial park," Golden Triangle Development LINK CEO Joe Max Higgins said. "So, with each new industry, we had to build that power infrastructure. We have five now, so when TVA started contracting for green power in big numbers, we had the electrical infrastructure they needed."

Suddenly, those transmission lines to supply industry with power became the means of transmitting the power that will soon be generated by the solar facilities. Like cutting your own firewood, those transmission lines will soon serve a dual purpose.

Having that electrical infrastructure in place was an important factor in Origis' decision to develop facilities in the Golden Triangle, but it wasn't the only factor, said Johan Vanhee, chief commercial and procurement officer for Origis. Vanhee began talking with 14 landowners to secure the 4,000 acres that will be the site of the two Lowndes County facilities in 2018.

"It all boils down to the ability to provide renewable energy to our customers in a reliable and affordable way," Vanhee said. "Siting the right location for utility scale solar generation, especially when combined with an energy storage facility, is a bit of a science or art. There are a number of factors that are evaluated, such as but not limited to, solar resources. There is more sunshine in the south than in the State of Ver-

mont, so to speak. Second is there sufficient transmission capability to avoid new transmission line construction? Third, is there sufficient and cost-efficient land available that will not significantly impact the local environment? We take into account environmental and social justice aspects to eliminate negative impacts to the local communities. Finally, what is the local economic development culture and leadership support, which is very crucial, and can our investment contribute in attracting new businesses? The Golden Triangle is a rare occasion where all the pieces of that puzzle came perfectly together."

TVA has been very aggressive in building its green energy portfolio, having increased its solar contracts

by 60 percent since the beginning of 2020.

"What's important to remember is that these are spec facilities," Higgins said. "All of the power that will be generated at these solar facilities have already been sold. "This is a gamble on TVA's part. It's a done deal."

Vanhee said that while his company has the potential to expand on its operations in the Golden Triangle, it's difficult at this point to predict what the future might hold.

"Much will depend on the capacity of the TVA transmission system to absorb more renewable generation," Vanhee said. "Only the future will tell if there is room for more utility scale solar facilities in the years to follow."



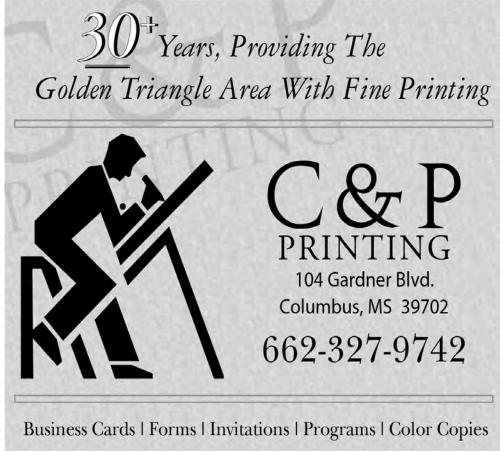




Photo by Deanna Robinson

**East Systems** 

East Systems employee Jon Ferguson.

#### Continued from Page 8

pany has already awarded one new contract to East Systems, with more likely to follow.

Despite today's booming business, success did not always seem so likely.

"It hasn't always been a glorious ride," Judy explained to The Dispatch in February. "We've had to use up a lot of our savings just to keep our doors open and our employees paid over the years."

Eventually, another challenge loomed even larger than the ebb and flow of daily business. The company had lost great opportunities because their workforce and facilities were too small to handle many customers and contracts.

They knew they needed to expand, but like most small business owners, they could not just write a check for the construction and new equipment.

That was when they called Joe Max Higgins, CEO of the Golden Triangle Development LINK.

"They really helped us get started," George East said of Higgins and the LINK team.

Higgins connected George and Judy with the Mississippi Development Authority, which ultimate-

ly awarded the Easts a grant of \$89,800, 10 percent of the expansion cost.

"We really appreciate everything they did to help make this happen," George added.

Armed with needed seed money, the Easts launched the construction. They said they have been pleased with the work so far.

"We're keeping the money in town because we're using local contractors," George said. "We've hired local people."

Hiring local people is especially important to the Easts, who have made Columbus their home over the past quarter century after both growing up in Houston, Mississippi.

"We're proud to live here," George said. "We have made this our home."

When asked what advice he had for anyone wanting to start their own business, he said the answer was easy.

"Always be planning for the longterm future," he said. "Always plan for what might happen next. Find your own pace and move at the right speed. And you should stay here in our community. There's a lot of opportunity here.







204 Main St. Starkville | 662.323.5222 | sullivansoffice.com

Proundly serving our community for over 60 years



THE REPORT OF THE PARTY OF THE



"Over the years, we've located industry with investments of close to \$7 billion and about 8,000 jobs in the Golden Triangle. Most of this has centered around the Golden Triangle Regional Airport. When we get aerospace projects, GTR Airport is usually the first call we make. On other prospects, we involve them at an early, early stage because we view them as integral partners in what we do. It's really important for local industry to have access to an airport to fly in customers, executives and technicians.

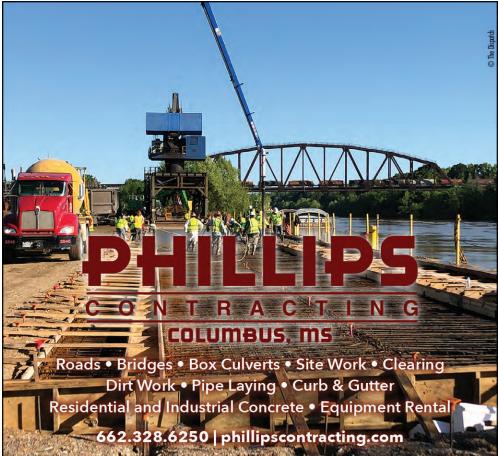
GTR Airport is extremely valuable in our successful recruitment of industry. "

- Joe Max Higgins, CEO Golden Triangle Development LINK



gtra.com





### INTERNATIONAL PAPER



### **WORK HERE**

Now more than ever, people depend on our products every day.

**#ProudtobelP** 

### Golden Triangle Manufacturers Directory

Ace Decoy Anchors, LLC

West Point • 662-494-5092

Products: Decoy duck anchors, targets, etc.

Employees: 176

Airbus Helicopters, Inc.

Columbus • 662-327-6226

Products: Helicopter mfg. and assembly

Employees: 180

Akzo Nobel/Nouryon

Columbus • 662-240-8633

Products: Sodium chlorate, hydrogen peroxide

Employees: 100

American Power Source

Columbus • 662-328-1263

Products: Military BDUs Employees: 98

Aurora Flight Sciences

Columbus • 662-328-8732

Products: Unmanned aerial vehicles, other aviation related

products

Employees: 68

**B&M Pole Company** 

West Point • 662-494-5092

Products: Fishing poles, bait, accessories

Employees: 10

Baldor Electric Company

Columbus • 662-328-9116

Products: Large industrial electric motors

Employees: 271

Columbus Brick Company

Columbus • 662-328-4931

Products: Face and common brick

Employees: 80

Columbus Machine & Welding Works

Columbus • 662-328-8473

Products: Fabrication welding and machine works

Employees: 20

Columbus Marble Works, Inc.

Columbus • 662-328-1477

Products: Marble, granite monuments and mausoleums

Employees: 64

Datco International

Columbus • 662-327-3995

Products: Tack cloth for automotive industry, lint free wipers

and wiping

Employees: 5

DPM Fragrance

Starkville • 662-324-2231

Products: Candles and fragranced wax

Employees: 176

Dutch Maid Equipment Co.

Columbus • 662-328-3813

Products: Fabrication of car wash equipment

Employees: 10

Ecolab Microtek Medical Inc.

Columbus • 662-327-1863

Products: Disposable medical products Employees: 154

**Electric Motors Sales & Service** 

Columbus • 662-327-1606

Products: Electric motors, control, pumps, air compressors,

related products Employees: 25

Ellis Steel Company

West Point • 662-494-5955 Products: Fabricated metal mfg.

Employees: 150

Flexsteel Industries, Inc.

Starkville • 662-323-5481

Products: Commercial seating, office/instructional

Employees: 180

Garan, Inc.

Starkville • 662-323-4731

Products: Toddler/infant fleece clothing

Employees: 140

**General Machine Works** 

West Point • 662-494-5155

Products: Machining, milling and tool repair

Employees: 3

Glenn Machine Works, Inc.

Columbus • 662-328-4611

Products: Crane rentals, rigging, steel fabrication, industrial

Employees: 160

Hacros Chemicals, Inc.

West Point • 662-494-5998

Products: Distributor and producer of industrial chemicals

Employees: 350

**Industrial Fabricators** 

Columbus • 662-327-1776

Products: Custom fabricating, sandblasting for steel and

metal buildings Employees: 14

International Papers (CMF)

Columbus • 662-243-6934 Products: Modified paper

Employees: 100

International Papers (Columbus Cellulose Fibers)

Columbus • 662-243-4000

Products: Pulp and lightweight coated paper

Employees: 324

Johnston Tombigbee Furniture Mfg. Co.

Columbus • 662-328-3346 Products: Bedroom, motel furniture

Employees: 180

Kirby Building Materials

Starkville • 662-323-8021

Products: Industrial/commercial metal

Employees: 170

Long Branch Co., Inc.

West Point • 662-494-8860 Products: Structural steel fabrication

Employees: 8

Mississippi Precision Cast Parts, LLC

Columbus • 662-245-1155

Products: Investment casting and foundry

Employees: 19

Mississippi Steel Processing, LLC

Columbus • 662-327-3150

Products: Steel fabrication

Employees: 71

Monroe-Tufline Manufacturing Co.

Columbus • 662-328-8347

Products: Agricultural and dirt moving equipment

Employees: 45

**Motion Industries** 

Columbus • 662-328-8041 Products: Industrial parts

Employees: 10

Motus Integrated Technologies

Columbus • 662-327-0756

Products: Acoustical and thermal fiber insulation

Employees: 100

Mount Vernon Mills, Inc.

Columbus • 662-328-5670 Products: Textile, waistbands, slitting

Employees: 32

Nammo Talley

Crawford • 662-272-6111

Products: Shoulder mounted rockets

Employees: 1

**Navistar Defense** 

West Point • 662-494-0098 Products: Defense vehicles

Employees: 200

**New Process Steel** 

Columbus • 205-281-8345

Products: Steel fabrication Employees: 41

Orman's Welding & Fabrication

West Point • 662-494-9471 Products: Conveyor/conveying equipment, misc. general

purpose machinery mfg.

Employees: 24

Paccar, Inc.

Columbus • 662-329-6703 Products: Diesel engines

Employees: 600

Peco Foods

West Point • (662) 524-3980

Products: Poultry cutting and distribution

Employees: TBÁ

Rempel Roto-Cast Company

West Point • 662-494-1094 Products: Plastic products mfg.

Employees: 5

**S&N Wood Products** 

Columbus • 662-328-0140 Products: Wood pallets and skids

Employees: 8

Steel Dynamics, Inc.

Columbus • 662-245-4267

Products: Sheet metal

Employees: 850

Southern Ionics

West Point • 662-494-3055 Products: Inorganic chemical mfg.

Employees: 350

**Southern Outdoor Technologies** 

West Point • 662-495-1050

Products: Hunting blinds and stands

Employees: 311

Southern Pharmaceuticals Corp. Columbus • 662-327-2060

Products: Compounding of medications (nebulizers) Employees: 13

Southern Reel

Starkville • 662-324-3636

Products: Injection molding, extrusion, cable and wiring

packaging, plastic spools, plywood reels Employees: 35

Southwire Company

Starkville • 662-324-6600

Products: Copper building wire, power cable

Employees: 261

Stark Aerospace, Inc.

Columbus • 662-798-4075 Products: UAVs Employees: 46

Sqwincher Corporation

Columbus • 662-328-0400 Products: Electrolyte replacement beverage

Employees: 70

Sturgis Mat Company Inc.

Sturgis • 662-465-8879 Products: Pipeline draglines and crane mats

Employees: 70

**Trimjoist Corporation** 

Columbus • 662-327-7950 Products: Floor systems Employees: 45

Valmet

Columbus • 662-328-3841 Products: Paper mill roll covering and reconditioning

Employees: 109

Xeruim

Starkville • 662-323-4064

Products: Papermaker's felt Employees: 220

Yokohoma Tire Manufacturing, LLC

West Point • 800-423-4544 Product: Commercial tires

Employees: 668



EAST MISSISSIPPI COMMUNITY COLLEGE THANKS LOCAL INDUSTRY PARTNERS FOR THEIR CONTINUED SUPPORT.



East Mississippi Community College provides access to high-demand career pathways, experiential learning, and supportive services to ensure students are prepared for work.

eastms.edu





617 Yorkville Park Columbus, MS 39702 www.valmet.com