

THE FEED

2017

ISSUE 18
QUARTER 2

The official magazine of KPI-JCI and Astec Mobile Screens

A LETTER FROM THE PRESIDENT



Every three years during the first week of March thousands of people in construction related industries flock to Las Vegas for CONEXPO-CON/AGG. This year was no exception, with upwards of 128,000 total attendees over the shows five days.

The Astec Industries family of companies joined to display one of the largest concentrations of products across multiple industrial sectors. This year the Astec booth exhibited 83 total products, of which 57 were either new or improved products. Activity in the Astec booth was amazing with

242,878 total visits from 71,399 unique visitors. Additionally, we had 235 sales, engineering and management executives working the show floor to assist all of the booth attendees.

Optimism for a strong CONEXPO started back in December of 2015 with the passage of the FAST Act, which provided the necessary funding for the federal Highway Trust Fund. However, with the passage so late into 2015 the traditional capital-buying season was somewhat set, laying the groundwork for any increase of manufacturing related orders more realistically to occur late 2016. All three AggReCon companies (KPI, JCI and Astec Mobile Screens) saw an increase in activity in the late third and fourth quarter of last year, associated with increased confidence due to stable highway funding.

At CONEXPO, KPI-JCI and Astec Mobile Screens debuted several new and innovative products. The group featured two dual-power hybrid track plants, a GT205 with a multi-frequency screen and a GT440 with a horizontal shaft impactor. Both of these units garnered great interest with our customers and even a few of our pesky competitors. For the first time we highlighted 3-D printed models displaying several fixed and modular plant systems, as well as our combined portable Fast Pack plant. The discussions were fantastic, allowing our sales team to speak about our large range of products.

The end of the show on Saturday afternoon solidified in my mind that the 2017 CONEXPO event was by far the best we have seen in many years. The pent-up demand and increased confidence with our customers was evident throughout the week and should carry on for some time. We are thankful to have such amazing support from our customers and hope that everyone carries the momentum from the show to their own operations. With some hard work, and a little luck, 2017 should be a prosperous year for everyone.

THE FEED

The Feed is a quarterly magazine designed to bring awareness to the latest equipment offerings, customer and dealer success stories and upcoming industry and factory events from Kolberg-Pioneer, Johnson Crushers International and Astec Mobile Screens.

To report an error, subscribe or suggest a story idea, please contact:

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ABOUT

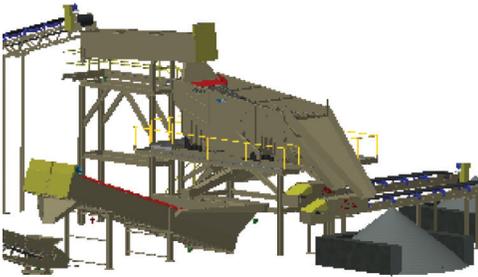
Kolberg-Pioneer, Inc., Johnson Crushers International, Inc. and Astec Mobile Screens, Inc. of Astec Industries (NASDAQ: ASTE) are worldwide leaders in manufacturing equipment for the aggregate, construction and recycling industries. As innovative, high-integrity manufacturers, the three companies develop quality, state-of-the-art products and have the ability to engineer custom products because of a highly-qualified sales application and engineering staff. Kolberg-Pioneer, Inc. manufactures its products in Yankton, South Dakota, Johnson Crushers International, Inc. in Eugene, Oregon and Astec Mobile Screens, Inc. in Sterling, Illinois. For more information, call (605) 668-2524 or visit www.kpijci.com.

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UPCOMING EVENTS

AUGUST

Aug. 1-3

PRO Service Training
Cone and Screen School
Johnson Crushers International
Eugene, Ore.

Aug. 8-10

PRO Service Training
Track School
Johnson Crushers International
Eugene, Ore.

OCTOBER

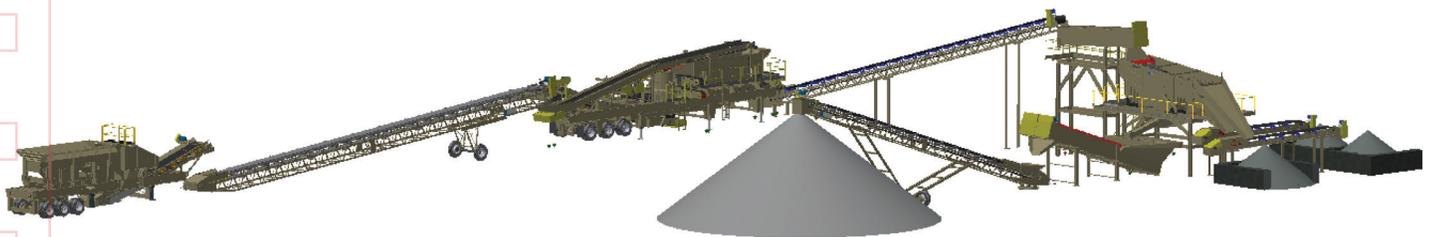
Oct. 10-12

Track and Screen School
Astec Mobile Screens
Sterling, Ill.



application angle

It's all about perspective. It's all about results.



A sand and gravel, asphalt and ready-mix company located in Utah, producing approximately five million tons per year, invested in a Combo screen for one of their locations. The success of their initial combo screen investment led the company to invest in a second screen.

THE OBJECTIVE

This producer processes primarily alluvial-deposited sand and gravel, allowing them to manufacture road materials, ready-mix concrete aggregates and asphalt aggregates. Having already owned a number of Kolberg-Pioneer, Inc. (KPI), Johnson Crushers International (JCI) and Astec Mobile Screens equipment (including K-300 and K-400 cone crushers, screens and jaw crushers), the company decided to purchase a Combo screen to improve their production of materials.

THE SOLUTION

At the first location, the company uses a KPI 3055 portable jaw plant as their primary and an overland conveyor to convey the material to a JCI K300CC/6203CC plant. The 1" minus material is then sent to the wash plant via overland conveyor. The wash plant has a JCI 8x20 3-deck Combo screen, which sizes concrete sand, concrete rock and pea gravel. At their second location, a JCI 8x20 3-deck Combo screen is fed by a bin feeder and sizes concrete rock, pea gravel and concrete sand.

THE FIGURES

Before purchasing the first Combo screen, the company's original plant had a feed rate of 140 TPH, processing concrete rock at 35 TPH and concrete sand at 40 TPH. After implementing the Combo screen into their new plant, they were able to increase the feed rate to 275 TPH, processing concrete rock at 75 TPH and concrete sand at 80 TPH, increasing production at this location by 96 percent.

Because of the increase in production at the first location, the company decided to purchase a second Combo screen for another site. The old plant at the second location had a feed rate of 275 TPH, processing concrete rock at 60 TPH and concrete sand at 100 TPH. After implementing the Combo screen into their new plant, they were able to increase the feed rate to 350 TPH, processing concrete rock at 76 TPH and concrete sand at 128 TPH, increasing production at the second location by 27 percent

The addition of the Combo screens allowed both operations to screen at a higher throughput than the old screens. This enabled the company to increase production by an average of 51 percent

THE BOTTOM LINE



51% Average increase in Production.



6203-32CS COMBO SCREEN

- Combines incline screen benefits with horizontal screen performance
- Up to 25% more capacity without increasing the footprint or reducing efficiencies
- Provides flexibility for wet or dry conditions with adjustable speed, stroke length & stroke angle
- High energy, triple-shaft and multi-angle vibrating screen available in multiple configurations



K300/6203CC PORTABLE CRUSHING AND SCREENING PLANT

- Patented tramp iron relief system and brass v-seat liners provide protection during overload events
- Kodiak® cone crushers offer up to 50% reduced operating costs through precision roller bearing design
- Fully-protected, patented internal counterweights maintain true balance throughout cone crusher life
- Simplified liner changes with patented liner retention system
- Patented 360° thread locking ring eliminates bowl creep
- Triple-shaft 6' x 20' triple-deck horizontal screen



CS3055 PORTABLE PIONEER® JAW PLANT

- Industry's largest dynamically-balanced flywheels
- Offers 25% more capacity with class-leading 1½" stroke
- Instant closed-side-setting adjustment with dual hydraulic wedge or tramp iron relief system
- Replaceable jaw die retention wedges
- Maximum shaft integrity due to innovative bearing and seal design.

TAKING ON TEXAS



Anderson Columbia sets up shop near San Antonio with a customized processing system that gives it entry to the market.

*by Kevin Yanik
This article is courtesy
of Portable Plants &
Equipment magazine.*

*Photos courtesy of
Dave McLaughlin*



Permitting specifications within the state of Texas stipulated that Anderson Columbia operate with a maximum of two crushers and two screens.

Such a restriction posed a threat to the company's ability to effectively produce quality, finished aggregate products before the first stone was even crushed at the Tejas Quarry, a greenfield site in New Braunfels, Texas. The final approved permit also limited Anderson Columbia to produce no more than 200 tph. So, if Anderson Columbia was to successfully launch an operation in New Braunfels, it needed a plant that offered the flexibility to maximize throughput and make a variety of quality, finished products.

The challenge was a daunting one, but Anderson Columbia wanted a foot in the door of the booming San Antonio market. So the company trudged onward with its initiative. "We're the largest road builder in Florida," says Dan Johnson, vice president and general manager of Anderson Columbia. "Our owners were somewhat familiar with Texas, and they always envisioned growth to be more diversified and somewhere with more consistent weather."

NEW MARKET, NEW PLANT

Anderson Columbia originally considered other markets out West as expansion opportunities, including Arizona, California and Colorado. One of the company's senior estimators was from Texas,

so Anderson Columbia sent him around the state to quote jobs.

Anderson Columbia first ventured into Texas in Laredo, where the company secured a number of jobs. The company targeted the San Antonio market next, but the aggregate reserves available there are difficult to permit, Johnson says. They're also not necessarily of the best quality, as clay becomes an issue many producers combat.

Anderson Columbia pressed forward knowing the hurdles, though, and it carved out a spot in New Braunfels. But entry to the region required production to start slowly, meaning Anderson Columbia must rely on some rather unique crushing and screening solutions from the outset.

Johnson and others worked closely with Kolberg-Pioneer Inc. (KPI), Johnson Crushers International (JCI) and Astec Mobile Screens to develop those solutions. The plant ultimately designed for Anderson Columbia includes two identical portable 4250 horizontal shaft impactors that simplify parts stocking and maintenance, Johnson says.

Also included in the system are two portable screening and washing plants, each consisting of a 6-ft. x 20-ft. triple deck horizontal screen with high-pressure spray bars to clean stone, as well as a 5044-32T twin sand screw that features 32-ft.-long dual shafts with 44-in. diameter flights. The screws are fed at a rate of 1,000 gpm to ensure the cleanliness of Anderson Columbia's

manufactured sand product.

In addition, bearing and drive belt upgrades improve the plant's performance, Johnson says. KPI-JCI and Astec Mobile Screens coordinated with Anderson Columbia on a clarifier and supporting pumps and wet systems.

The plant can't quite run itself, Johnson adds, but it comes close with the latest programmable logic controller (PLC) automation in a weatherproof motor control center (MCC) that's equipped with a Siemens switchgear, motion-detecting smart wheels on conveyors and other electronic details.

"They did the layouts, the engineering, all of the automation and put the equipment layout graphics on the control screen," Johnson says of KPI-JCI and Astec Mobile Screens. "It's fantastic to turn to one company and get a complete solution."

CUSTOM SOLUTIONS

According to Dave McLaughlin, major accounts director at KPI-JCI and Astec Mobile Screens, the plant's design will provide Anderson Columbia with the flexibility it needs to serve the market with quality products for years to come.

"With Anderson Columbia venturing into a new market, they don't necessarily know if they need 100,000 [tons] annually of a certain product or 200,000 [tons] of that," McLaughlin says.



A 1/2-in. x 3/8-in. product produced from the primary 1830 plant emerges on a 36-in. x 70-ft. portable stacking conveyor.

Below: The finish screen, or secondary screen, on the 1830 plant. This electric portable plant contains a 6-ft. x 20-ft. triple-deck screen with a 44-in. x 32-ft. twin sand screw, two 24-in. product cross conveyors – all mounted on a triple-axle chassis. Plus 1/2-in. off this screen is recirculated back to the secondary 4250 for further reduction while finished products produced are generally 1/2 in. x 3/8 in., 3/8 in. x 3/16 in., and #4 x 0 product.





Above: Anderson Columbia's Tejas Quarry is located in New Braunfels, Texas, between Cemex and Lehigh Hanson sites, according to Dan Johnson, vice president and general manager.



“One way you typically go into a market not knowing the product mix requirements is to build a fractionated plant. You stockpile fractions, and when the customer buys a sort of blend of rock you mix it and deliver it.”

The plant at the Tejas Quarry is not, however, a fractionated plant.

“It’s two crushers and two screens with great flexibility,” McLaughlin says. “With two triple-deck screens you can make five or six products. The problem comes when you want to make 10 different products and you don’t know how much of the 10 you need to make. So we designed the system with a lot of flexibility.”

By design, Anderson Columbia can make dry or wet products. It can make four or five different spec products at a time. The company can also make specialty products as needed through flop gates and blending chutes that allow material to be blended and/or recrushed.

“There’s good flexibility for a portable system,” McLaughlin says. Johnson agrees.

“A lot of portable plants are mix and match, but this has a nice control house and a nice automation package,” he says. “It’s

so much cleaner, safer and durable.”

The plant meets Anderson Columbia’s needs in another capacity, as well.

“We’re kind of asphalt centric, so we do things our way,” Johnson says. “Some plants might be more broad based and want to supply ready-mix rather than asphalt. But we’re more focused on asphalt, so we might do things differently.”

Anderson Columbia’s plant is also unique in how it produces base rock, Johnson says. The company can produce base rock with throughs from the grizzly feeder, and it has the flexibility to turn off sprays and make a clean base product off the first 6-ft. x 20-ft. screen.

“We’re in a screen-limited situation,” Johnson says. “So we fine-tuned our JCI screen’s stroke, speed and the amplitude to produce more quality products. Even with the screw washers underneath the screens, we want to retain as much of the minus 200 in both products.” Anderson Columbia primarily makes 1/2-in. stone, 3/8 in. and sand with its system.

KEY DETAILS

One detail that was particularly

They did the layouts, the engineering, all of the automation and put the equipment layout graphics on the control screen. It's fantastic to turn to one company and get a complete solution.

Dan Johnson, vice president and general manager of Anderson Columbia

important in the Anderson Columbia impactor plants was the selection of three-bar rotors, adds Tim Harms, crushing and screening product manager at KPI.

According to Harms, the use of two three-bar rotors – as opposed to four-bar rotors – gives the plant the maximum amount of flexibility in Anderson Columbia's application because the secondary crusher can serve as a primary crusher when needed.

"The main focus is proper penetration," Harms says. "We need proper penetration of the blow bar circumference at the right speed, so the material is struck by the bar rather than glancing off of the edge of the bar if the rotor is moving too fast, or, conversely over-penetrating into the rotor core if the rotor runs too slow.

"Four-bar offers similar advantages, but there are some things that are a little more defined," Harms adds. "In any setup with the three-bars, we have a good combination of timing and we're able to adjust the speed to give a very good performance in a broad range of applications. If this plant was always run strictly as a primary and a secondary, then we may have made a different selection for the rotor in the secondary."

The plant's ability to handle the Tejas Quarry's clay-heavy material is another feature that stands out, says Taylor O'Bryan, material handling sales engineer at KPI.

"The amount of clay in the shot fluctuates," O'Bryan says. "So the primary plant is equipped with a gate that can reject an awful lot of the finer clay contamination when necessary. Or conversely, if the material is cleaner the finer material from the shot can be sent forward to the remainder of the plant."

According to Harms, the system may reject as much as one-third of material but it's more cost-effective for Anderson Columbia to deal with undesirables on the front end versus downstream. After all, having a clean, saleable rock is

essential for Anderson Columbia.

"Like a lot of washing plants, there's a significant challenge associated with obtaining and managing the large amount of water required to wash and clean material," O'Bryan says. "The dirty water can be managed conventionally, but having process equipment allowed Anderson Columbia to remove a large percentage of the solids before the water ever reached the ponds.

"We helped each on the front end to get the plant spec'd out and all of the process equipment sized," he adds. "But also, when we were designing the plant our electrical team worked to make controls accommodations where necessary and to incorporate starters into the MCC for some of the pumps."

According to O'Bryan, some after-sale controls are being incorporated to help Anderson Columbia accommodate the varying amounts of clay in the material.

"When the plant feed is very dirty, the operators need to reject more material at the primary but, of course, the resulting feed to the secondary then has a lot less material and a coarser gradation because we've dropped a lot of that fine dirt out of it," he says.

The PLC upgrades monitor a belt scale on the secondary and increases or decreases plant feed to ensure that the secondary receives a consistent number of tons per hour.

BRINGING IT ALL TOGETHER



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We offer creative and accurate solutions from component installation to complete turnkey engineered systems with advanced automation controls. Visit with our application experts about how we can help your operation.



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S SERIES



WHAT ARE S SERIES PARTS?

The S Series is an exclusive line of cone liners and jaw dies from KPI-JCI and Astec Mobile Screens that has been developed by Astec Industries foundry specialists. These highly-trained experts specialize in metallurgy and manufacturing engineering to ensure the highest quality of parts that can only be found through KPI-JCI and Astec Mobile Screens.

HOW DO S SERIES PARTS COMPARE TO COMPETITIVE LINES?

Results proven by customers in the field show that S Series Parts perform up to 35 percent better than other leading, brand-name parts.

WHO SHOULD BUY S SERIES PARTS?

Anyone who desires a competitively-priced, high-quality product that has the backing of an OEM, not a third-party supplier, will benefit from the S Series of parts.

HOW LONG WILL IT TAKE ME TO RECEIVE S SERIES PARTS?

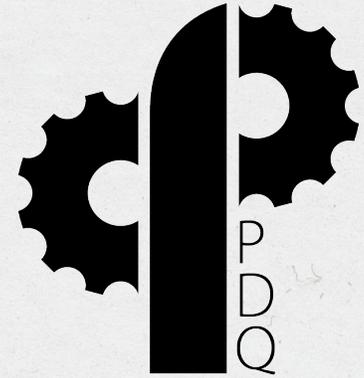
S Series Parts are stocked at the factory, allowing for immediate availability in most cases. Dealers can take advantage of a flexible bulk ordering program with rebates for direct container load shipments that will help ensure stock for their customers. Producers should consult with their local dealer to analyze their operation's wear part needs, plan ahead and pre-order parts to eliminate unnecessary downtime.

PDQ

EAGLE IRON WORKS

NEW OFFERING: Classifying Tank Replacement Parts

- Over 50 new replacement parts now available
- Includes replacement parts and complete assemblies valve stations
- Featured Part
 - E-B08237 - 6" valve seat



IMPROVED OFFERING: Washing Equipment Replacement Parts

- Over 130 replacement parts/kits available
- KPI is now capable of evaluating log washers, fine material washers, and coarse material washers of any make for compatibility with KPI drop in log or spiral assemblies
- Featured Parts
 - Most repair parts for all Eagle log washers, fine material washers, and coarse material washers
 - Extremely competitive on bearings, seals and log washer paddle supports
 - KPI drop in retrofit Logs
 - KPI design which fits in an Eagle log washer
 - 36" log washer options currently available

COMING SOON

- E-B08241 – 6" Classifying Tank Valve Guide
- E-A03393 – 36" CMW paddle
- E-B03341 – 36" LW paddle tip
- E-B03367 – 36" LW paddle base
- Eagle 44" log washer KPI drop in retrofit log assembly

KPI REPLACEMENT PARTS

New VSI S-Series parts offering

FEATURED PARTS

- 00-73400S – Tub liner
- 00-75200S – Lid liner
- 00-75300S – Lid liner
- 00-75100S – Lid liner
- 00-77200S – Skirt liner

COMING SOON

- 00-83100S – Anvil
- 00-83170S – Heavy duty anvil

*For more information about parts from KPI-JCI
and Astec Mobile Screens, visit www.kpijci.com/parts.*



ASTEC MOBILE SCREENS RELEASED GT205 HYBRID MULTI-FREQUENCY SCREEN AT CONEXPO

Astec Mobile Screens released the latest patent-pending hybrid technology in their GT205 Mobile Multi-Frequency Screen at ConExpo. The GT205 hybrid multi-frequency screen has the ability to run on either line power or diesel power when necessary.

The GT205 Hybrid Multi-Frequency Screen features a high performance 5x20 screen designed for aggregate, recycling, construction and industrial markets. With its multi-frequency technology, end users can expect up to 50% higher screening capacity on the bottom deck. The GT205 provides users with on-site flexibility and its simple controls create an easy-to-operate machine, resulting in increased uptime.

“With the addition of the hybrid technology to the GT205, we are able to offer end users and dealers the latest solutions for their operations in aggregate, recycling, construction and industrial markets,” said Stephen Whyte, product manager for KPI-JCI and Astec Mobile Screens.

The new GT205 Hybrid Multi-Frequency Screen was released at ConExpo 2017, held in Las Vegas, Nevada. Astec Mobile Screens is a premier worldwide manufacturer for the aggregate, construction, industrial and recycling industries.

To learn more about Astec Mobile Screens or the new GT205 Hybrid Multi-Frequency Screen, visit kpijci.com or visit kpijci.com/dealer-locator to find a local dealer.

KOLBERG-PIONEER FEATURED GT440 HYBRID MOBILE HORIZONTAL SHAFT IMPACTOR AT CONEXPO

Kolberg-Pioneer launched its latest patent-pending hybrid technology in their GT440 mobile horizontal shaft impactor (HSI).

The GT440's full line features a 42x40 horizontal shaft impact crusher, which includes a 3- or 4-bar rotor configuration, allowing the end user to choose the best solution for the application. Continuous crushing and tracking allows producers to increase uptime by 30 percent. The unit's Overload Protection System allows end users the ability to maximize performance and production.

“The new GT440 HSI offers producers flexibility through mobility, quick set-up and the new patent-

pending hybrid power, which offers the option to run on either line power or diesel power when necessary,” said Stephen Whyte, product manager for KPI-JCI and Astec Mobile Screens.

The GT440 Hybrid HSI was released at ConExpo 2017, held in Las Vegas, Nevada on March 7-11. Kolberg-Pioneer is a premier worldwide manufacturer for the aggregate, construction, industrial and recycling industries.

To learn more about Kolberg-Pioneer or the line of GT440 Horizontal Shaft Impactors, visit kpijci.com or visit kpijci.com/dealer-locator to find a local dealer.

FINKBINER ANNOUNCED AS NEW KPI-JCI AND ASTEC MOBILE SCREENS DEALER IN ILLINOIS



Kolberg-Pioneer, Inc. (KPI), Johnson Crushers International (JCI) and Astec Mobile Screens have announced Finkbiner Equipment Company (FEC) as a new dealer of crushing and screening equipment. Finkbiner will market, sell and service KPI-JCI and Astec Mobile Screens' products throughout the state of Illinois.

"We are very excited to have Finkbiner join our strong distributor network," said Ron Earl, Vice President of Sales and Marketing. "Partnering with FEC will allow us to continue offering innovative, top-of-the-line products to our customers, with the benefits of dedicated service and support teams."

Established in 1969, Finkbiner Equipment Company is headquartered in Burr Ridge, Ill with an additional branch opening May 1, 2017 in East Peoria, Ill. FEC is an independent heavy equipment distributor, offering earthmoving, material handling and concrete and asphalt paving equipment.

HUGHES HIRED AS PARTS SALES REPRESENTATIVE FOR KPI-JCI AND ASTEC MOBILE SCREENS



Kolberg-Pioneer, Inc. (KPI), Johnson Crushers International (JCI) and Astec Mobile Screens have hired David Hughes as a parts sales representative for the Southwest U.S. territory.

Hughes' primary responsibilities as a parts sales representative include supporting authorized dealers in his territory with parts sales. Prior to working for KPI-JCI and Astec Mobile Screens, David worked as a product support representative for AggReCon West.

"We are excited to have David join our parts sales team," Ryan Newman, parts sales director, said. "David's previous work experience and industry knowledge will make

him a valuable asset to our company."

David Hughes can be reached by emailing him at davidhughes@kpijci.com. For more information about parts from KPI-JCI and Astec Mobile Screens, visit www.kpijci.com/parts.

FILSINGER PROMOTED TO CUSTOMER DEVELOPMENT MANAGER



Kolberg-Pioneer, Inc. (KPI), Johnson Crushers International (JCI) and Astec Mobile Screens have promoted Daniel Filsinger to the position of Customer Development Manager.

In this position, Daniel will be responsible for working with KPI-JCI & Astec Mobile Screens subsidiaries to successfully develop and execute customer development strategies and programs to promote products and services.

"We are very excited to have Daniel assume his new role as Customer Development Manager," said Ron Earl, Vice President of Sales and Marketing. "The combination of Daniel's education and background with our companies will continue to benefit us in

our ongoing efforts to grow our domestic and international markets."

Daniel has been employed with KPI-JCI & Astec Mobile Screens since 2011. Most recently, he served as the Marketing Coordinator for the group of companies.

Daniel Filsinger can be reached at danielfilsinger@kpijci.com. For more information about KPI-JCI and Astec Mobile Screens, please visit www.kpijci.com.



talking shop

Kodiak Plus Cone Crusher Maintenance 101

Rock crushing is, by its very nature, a highly mechanical endeavor. It's important to observe the operation and functionality of the Kodiak Plus cone crusher. We cannot over-emphasize the importance preventative maintenance and a proactive attitude makes towards the care of this investment. Sometimes we witness individuals with the attitude that the investment is finished once the commissioning of the new equipment is complete; these people are the ones that generally struggle. The companies that choose to follow the path laid-out by the manufacturer and dealer will reap the rewards of lowest costs to produce.

Once the training is complete and the customer is operating independent of the factory and dealer support, the next step is to embrace the training and information provided in the service & operations manuals. Factory and dealer personnel possess decades of collective experience acquired from personal experience and the same operation manuals provided to the customer.

Concerning application, the objective is to produce the most product stone for the least long-term expense. There are specific ranges of capability for each chamber selection. A couple of key thoughts to keep in mind are:

1) IS THE FEED RIGHT SIZED FOR THE CHAMBER AND CAPABILITY OF THE CONE CRUSHER?

2) IS THE SELECTED CHAMBER PRODUCING THE INTENDED RESULT?

A vested operator will evaluate the size and "size range" of the stone being fed into the crusher. Another important detail not to be overlooked is the care of the cone crusher. The importance of clean lubricating oil cannot be over emphasized. You will not find a reputable cone manufacturer that is indifferent to the sanitation of the lube oil. The value of components dependent on well-maintained oil may be as high as 25% of the purchase price of the cone. This care is very simple, the oil and filter should be replaced every 500 hrs. However, the maintenance must not stop there. Oil sampling should be done at mid-point and at oil changes. These reports will be the key indicator for heading off expensive repairs.

Daily inspections are a vital part of routine maintenance. The Kodiak Plus product manual outlines inspection procedures in detail. Per the guidelines, look down through the cone from the top and then up through the cone from the bottom to identify wear or debris that should be cleared away. Be sure to assess how the cylinders and hoses look, the condition of the components in the HPU and the wear condition of the drive components.

Innovative features have been added to the Kodiak crushers to simplify operational care. Today's controls are a quantum leap from years past. Critical information is now displayed on a monitor at the control station and include the remote adjust, cylinder pressure, bowl clamp pressure, hydraulic and lube oil temperatures, cone working load (electric or diesel) data, bowl float warnings, lube filter bypass alert and more. Monitoring this information provides a level of efficiency and understanding for the operator, liberating them to focus more on the plant and product flow and less on the inspection of each crusher.

For more information on Kodiak Plus cone crusher maintenance, contact Kim Duncan at kduncan@jcieug.com

Performance matters.



Kodiak® Cone Crushers

When performance matters, our industry-leading Kodiak® cone crushers offer up to 50% reduced operating costs through precision roller bearing design. They are ideal when uptime and product quality are critical to your operation. Kodiak® cone crushers are available in models from 200 to 500hp.

Learn more about Kodiak® cone crushers at kpijci.com/equipment/crushing/kodiak-plus-cone-crushers





700 West 21st Street, P.O. Box 20
Yankton, SD 57078

The Savings Come in the Travel Time

The ability to break down an operation, move the equipment to a new location, set up and begin processing once took days. Wheel-mounted portable plants reduce the transportation time from days or weeks to hours and minutes.

Time saved in travel and set-up is time better used increasing your operation's output. Talk to your dealer about the benefits of KPI-JCI and Astec Mobile Screens wheel-mounted portable equipment.



www.kpijci.com/support/dealer-locator/