

POWER PROFILE: EAGLE CRUSHER

UP AND CRUSHING



EAGLE CRUSHER™

LOCATION:
Galion, OH

SCOPE OF ENGINE USE:
Cat® C9.3B US EPA Tier 4 Final EU
Stage V Industrial Engine

Cat® C13B EU Stage V
Industrial Engine

CAT DEALER:
Michigan Cat

www.eaglecrusher.com

TURNING “NO” INTO NO. 1

In the early 1900s, C.L. Woods, a distributor for farm equipment manufacturer Eagle Tractors, had an idea: Why not develop a small jaw crusher and fit it on a tractor’s power take-off to crush field stones and other materials for building farm roads? He took the proposal to his bosses, who declined. So Woods pursued the plan himself, eventually starting the Eagle Crusher Company. More than a century later, Eagle Tractors is no more –but Eagle Crusher has grown into the #1 seller of rubber-tired crushing plants in the world.

Today, Eagle Crusher manufactures a full line of portable and stationary rock crushing equipment for the aggregate, asphalt, concrete and recycling industries. The company’s heavy-duty impact crushers, crushing and screening plants, jaw crushers and conveyors support projects ranging from the demolition of single buildings to the crushing of millions of tons of material on pipeline construction sites.

Eagle Crusher customers who use equipment in one location often power it electrically or with a generator set, but those who move crushers from place to place or don’t have access to electricity choose diesel-powered products. For the last several years, that’s included the option to select Cat® industrial engines. The UltraMax® 1200-CC crushing plant, for example, comes equipped with a 455-horsepower Cat C9.3B engine. Offering closed-circuit crushing and screening on one chassis, the 1200-CC is a popular alternative to multi-unit systems because it’s less expensive, requires less maintenance and is easy to transport.

CRUSHING EXPECTATIONS IN A TOUGH ENVIRONMENT

“Caterpillar is an engine supplier we wanted to work with for years,” says Dan Friedman, director of marketing for Eagle Crusher. Crushing is a common task on jobsites that also rely on Cat machines, with wheel loaders, excavators and articulated trucks often used to move and haul crushed material. That means many Eagle Crusher customers are also Cat equipment owners who value commonality in their fleets or depend on Cat dealer service and support. When the inevitable failure occurs and crusher owners have to call a service rep to diagnose and solve the problem, many prefer the experience of working with a Cat dealer.

Engineering a solution. Fitting Eagle Crusher’s products with a made-to-order Cat industrial engine package — one that includes an engine enclosure and add-ons such as custom air cleaners — requires close collaboration with Michigan Cat. The dealer’s engineering team works with Eagle Crusher to establish horsepower and space claim expectations, then identifies the right engine package and refines the product to fit the defined requirements. “We also conduct prototype builds and perform installation audits to make sure everything is working as it’s supposed to work,” says Shane Patzer, OEM account manager for Michigan Cat.

Worst conditions, best reliability. In the field, Cat engines are living up to Eagle Crusher customers’ high expectations for efficiency, reliability and after-sale support. That’s no easy feat in work environments that present some of the worst possible conditions for equipment. Huge amounts of force are required to crush boulders, rocks and other heavy materials. Dusty powdered asphalt, hot sticky tar and even flying debris are common and can wreak havoc on components. “Keeping customers up and crushing is what matters,” Friedman says. “We’ve seen good reliability numbers from Cat engines.”

Opening new doors. It’s not just crusher owners who are profiting from Cat power, though. Eagle Crusher is seeing the benefits in the form of new business opportunities as well. “Having this connection with Caterpillar has given us more chances to put our products in front of potential customers,” Friedman says.



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LET'S DO THE WORK.™