



### Crushing on track

The portable CST Cone Crusher plant from Screen Machine Industries sports one of the largest crushers in the industry at 51 in. A 5-ft-x-7-ft vibratory shaker screen between the feeder and the cone crusher eliminates the fines before they reach the crusher, minimizing wear and tear. The Grade 80 steel body protects the whole machine, which includes a Caterpillar diesel engine. Wireless remote-control operation and movement also is possible.

**Write in 901**

### Getting attached

The 190C Cut-R-Tach rotary asphalt cutting attachment from General Equipment Co. will fasten to the bucket of any tractor loader backhoe or wheel/track-type loader via its twin screw clamping mechanism. A 19-in. cutting blade provides a maximum cutting depth of 5.5 in. with up to 50,000 lb of downward force behind it. In total, the blade can cut through up to 6,000 lineal ft of high-density asphalt in an hour. Blades can be easily replaced on the jobsite.

**Write in 902**



### Go with the flow

Four models make up the new EVO Series of mobile impact crushers from Kleemann—the MR 110 R EVO, MR 110 Z EVO, MR 130 R EVO and MR 130 Z EVO. Designed for recycled concrete aggregate (RCA) and reclaimed asphalt pavement (RAP) jobs, all four machines sport a wider discharge chute and conveyor belt under the crusher than their predecessors for improved material flow. Screening units are larger too (up to 44%), allowing delivery of increased tonnages. On the crusher itself, a new inlet geometry helps material penetrate even further into the range of the rotor.

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### The cold shoulder

For jobs requiring cold-mix asphalt, the Wirtgen KMA 220 portable cold mixing plant can generate 220 tons per hour. A wide variety of virgin or recycled materials are compatible with the machine, which can churn out a 20-ton truckload of up to 100% recycled asphalt cold mix every six minutes. All mixing processes are controlled from the user-friendly Cockpit Graphics Center (CGC) control panel. The plant features a third axle for improved performance on the road; all three axles can raise and lower and have automatic, load-dependent, all-wheel air brakes.

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### Large and small

The largest of Wirtgen's cold milling machines, the W250 sports a maximum power rating of 980 hp and can remove up to 1,300 tons of asphalt in an hour. Thanks to Wirtgen's Dual Engine Concept, operators can mill with one engine at 610 hp or both at the full 980 hp; when combined with the WIDRIVE machine-management system and three selectable milling drum speeds, operators can tackle any size job. Other features include the Parallel-to-Surface system for automatic alignment with the road and a Vacuum Cutting System that removes fines, dust and smoke from the cutter to prolong component life.

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## Little brother

Wirtgen's W220 cold milling machine is a lighter-weight version of the W250, boasting 766 hp and a capacity of 900 tons of reclaimed asphalt pavement (RAP) per hour. Standard milling width and depth are identical to its heavier companion, but the W220 can swap its 87-in. milling drum for a 98-in. drum if desired; additional units can be added to extend the width even further. Other shared systems from the W250 include WIDRIVE machine management, Level Pro control panel, Parallel-to-Surface system and Vacuum Cutting System.

**Write in 906**



## Good as new

The unique, nonagon-shaped washer and proprietary point design on Kennametal's Road Razor ECO Pro add up to a tool with improved milling performance. The different shape makes the tool head appear more worn, which improves cutting performance; advanced carbide grades and a higher head hardness also make milling easier. Overhanging corners on the washer encourage greater tool rotation for a deeper cut, as does the thicker material on the retainer end.

**Write in 907**



## Jaws of steel

Damaged or deteriorated asphalt will fall quickly to the 168 milling teeth of Bomag's BM2000/60-2 cold planer miller machine. With a cutting width of 79 or 86 in. and max milling depth of 12.6 in., the BM2000 can remove an entire half-lane in one pass. It works quickly, too, with a top speed of 131.2 ft per minute. Even jobs with changing grades can be done with the machine's INTEL-PLANER automatic depth-control system; the operator keys in the desired grade and it automatically keeps the milling depth level. Four-track steering and an inside turning radius of 7 ft keep any operation running smoothly.

**Write in 908**



## Dual purpose

Bomag's MPH122-2 recycler/stabilizer can tackle in-place asphalt recycling and soil stabilization with ease. Three different rotors are available: The smallest model is 91.7 in. wide featuring Kennametal paddle-type teeth; the other two are both 99.6 in. wide with a 16.5-in. cutting depth, one of which sports bolt-on Kennametal tooth holders. Maintenance is easy thanks to bolt-on rotor end segments, which can be removed without taking off the entire configuration. The machine's max working speed is 221 ft per minute; rotor speed can be adjusted from 100 to 170 rpm to suit any application.

**Write in 909**



## Mix it up

Ideal for full-depth reclamation and soil-stabilization applications, the Caterpillar RM500 rotary mixer boasts a cutting width of 96 in. and a max mixing depth of 20 in. The large-volume, heavy-duty mixing chamber has an independent rotor for better material mixing. Operators can select from three rotor speeds; three different types of rotors are available for the mixing chamber. Handling is easy in any terrain thanks to full-time all-wheel drive, combined with two speed ranges and four steering modes. The operator's station slides from side to side for easy access anywhere in the cabin.

**Write in 910**



## Solid body

Atlas Copco's new SB 702 hydraulic breaker is the first in the 1,500-lb class to feature a solid body, providing a more compact tool that's easier to maintain. The SB 702 is more fuel efficient thanks to an energy-recovery process that also increases percussive performance. A protection valve helps the breaker avoid damage as well as downtime in the event of a hydraulic overload. The retainer lock bar system and floating lower bushing that come standard can be replaced with standard hand tools at the operator's discretion.

**Write in 911**

—edited by Jeff Zagoudis