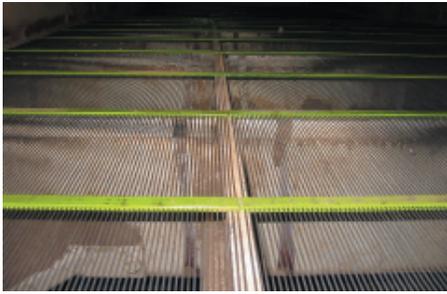


## LFM Harp Wire proves tougher, more effective



LFM Harp Wire helps aggregate operations increase throughput over standard harp or piano wire while reducing downtime caused by worn wire cloth.

Standard harp or piano wire screens use hard metal or plastic slides to hold the wires in place at the crown bar. The wires vibrate against the slides, which in turn vibrate against the crown, causing breakage.

Major Wire's high-performance LFM Harp Wire is manufactured with straight wires firmly molded into polyurethane strips that hold the wires in place at the crown bar. With its wires embedded into flexible polyurethane strips instead of rigid slides, LFM Harp Wire eliminates this steel-on-steel wear. The polyurethane strips at the crown bars keep the wires equally tensioned, creating better wire vibration when compared to traditional harp or woven wire cloth, reducing blinding and increasing production of a cleaner aggregate product. In addition, LFM Harp Wire's long slots (up to 12 inches) provide more open area to increase screen capacity.

LFM Harp Wire handles high-impact loads better and lasts up to twice as long as conventional harp and piano wire. LFM Harp Wire screen media is available in custom configurations. Producers can choose from the commonly selected stainless steel wire or Major Wire's highly abrasion-resistant OptimumWire high carbon and high manganese content wire.

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## Sandvik introduces several new products



At Sandvik Mining and Construction's customer event last October at the Eureka Stone Quarry in Pennsylvania, the company presented more than 20 of their latest machines for aggregate and construction operations, including mobile crushers, drills, breakers and more. New products launched at the event are described below.

**QE440 Scalper.** The latest and largest of the company's mobile screeners is the new QE440 Scalper. The QE440 sets new throughput standards for the industry with over 40 percent greater screening area than the former market leader, the QE340. The machine features stockpiling conveyors that are both wider and higher to deliver increase production capacity and offer the convenience of larger stockpiles.

**CR810 Hybrid Crusher.** This roll crusher is just one of the several new models added to the Sandvik line through its continuing acquisition strategy. The CR810 is well suited for primary and secondary crushing of soft to medium-hard materials, as well as wet and sticky ones. It features a compact design that reduces the space requirements within the crushing plant. The CR810 is designed with advanced crushing technology, such as the hydraulic gap adjustment and the overload protection, combined in one machine. The large space between the teeth of the rollers makes the CR810 generate a high quality output product containing a minimum of fines.

**DP1500i Drill.** Several drills were shown, including Sandvik's latest "intelligent" drill, the new DP1500i. The DP1500i is a hydraulic, self-propelled, crawler-based top-hammer drilling rig. The model is fully equipped with controls and monitors providing information on the condition of the drill and the work performed. The drill features an innovative drilling parameter set up, advanced ROPS/FOPS certified safety cabin, and excellent visibility.

**Breakers.** The new BR2577 hammer offers has the latest in breaker design with Sandvik's innovative FBE (Fixed Blow Energy) system, ensuring maximum impact in every blow. In addition, it features Sandvik's VIDAT (Vibration Dampening Tie Rod) system, ensuring greater reliability, and lower operating costs.

The BR4099 breaker features significantly enhanced hydraulics. At the event, Sandvik operators demonstrated the model's idle-blow selector. This easy setting switches the hammer between high-frequency/low energy-action, or low-frequency/high-energy action, allowing the operator to get the most performance possible in a wide range of material. With the new designs, Sandvik has lengthened the service intervals from 600 out to 1,000 hours.

**Sandvik Mining and Construction**  
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## Crusher buckets for all brands of excavators

MB started eight years ago in Italy and grew thanks to the decision to design a new method of crushing inert materials directly in-situ using an innovative bucket crusher. This has resulted in the creation of a new market segment and revolutionized working methods on construction sites. The products are now available internationally and have received numerous awards.

MB Crusher offers four models of crusher buckets that can size and/or screen material.

They can be used on all brands and models of excavators from eight tons upwards. Applications include quarries and mines, demolition, road work, excavation, and environmental remediation. An iron separator is available for all models.

The smallest model (BF 60.1) in the range is ideal for excavators weighing 8-14 tons. For small to medium crushing jobs, the BF 70.2 model is suitable for excavators weighing from 14 tons to 20 tons while the BF 90.3 (MB's first bucket crusher) is for use with excavators weighing from 20 to 28 tons. The largest model (BF 120.4), built for jobs in large construction sites, is suitable for excavators weighing at least 28 tons.

At the time of delivery, the bucket crusher is installed and fully tested, with the provision of suitable advice for the operator to ensure the unit is used to its best advantage. Technical assistance is carried out directly in the factory or through carefully selected service centres located directly in local markets.

MB has obtained certification of its quality system to UNI EN ISO 9001:2000: an indispensable step in providing customers with an excellent, high quality products.

**MB**  
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## AggFlow simulation program

BedRock Software has added the Terex Finlay track-mounted crushing and screening equipment to its AggFlow simulation program. "The addition of Terex Finlay mobile equipment to AggFlow, along with our recent expansion in the wash and water simulation capabilities of the program, are important steps for the benefit of our customers and the industry globally" said Robert Teller, Managing Partner of BedRock.

AggFlow is being used in more than

90 countries to simulate aggregate and mining operations. It is used to calculate mass aggregate and mass water balances flowing through a plant simulation using both stationary and mobile equipment.

Users can select from the pre-populated equipment data library or install their own equipment models in the program using the generic equipment application. Currently, the program provides calculations for more than 4,000 models of aggregate crushing, screening and washing equipment.

**BedRock Software**  
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