

# Product Showcase

## Grinding & Cutting Equipment

### MK Diamond MK-1800 Concrete Saw

The MK-1800 Concrete Saw is designed for wet or dry general application sawing and features either a Honda, Vanguard, or Kohler engine. Its heavy-duty frame is made from hot-rolled steel, and the reinforced box steel construction provides balanced weight distribution. The machine's pneumatically assisted depth-control system allows smooth adjustment of cutting depth, its hinged blade guard allows for easy blade changes, and its 6 gal. (23 L) water tank allows for wet cutting on remote sites. The saw's ride-on-the-blade water distribution system provides controlled water to both sides of the blade for optimum cooling. Vibration-damping handlebars reduce user fatigue, and nonslip rubber wheels with maintenance-free hubs and roller bearings offer stability and long life.

—MK Diamond Products, Inc., [www.mkdiamond.com](http://www.mkdiamond.com)



### WerkMaster COLOSSOS XTX

The COLOSSOS XTX industrial grinder and polisher removes thinset mortar, VCT glue, carpet glue, epoxy, and paint from concrete while providing aggressive surface preparation. The base of the grinder is 28 in. (710 mm) wide and features 10 heads that can grind to within 1/8 in. (3 mm) of a wall. It offers three-phase power with dual voltage (auto-sensing 230 or 460V) and a variable-speed drive (400 to 1950 RPM). The COLOSSOS XTX can run dry or wet, and it includes a water tank with a flow-control valve. Its EZ Bak tilt feature allows operators to easily tilt the machine to change tooling.

—WerkMaster, [www.werkmaster.com](http://www.werkmaster.com)



### General Equipment Company VS220 Dust-Collect-R

General Equipment Company's VS220 Dust-Collect-R portable vacuum system can be used with the company's line of surface grinders, planers, and other surface preparation solutions to effectively control dust. The system features a 0.5 micron prefilter and a 0.3 micron HEPA secondary filter, allowing users to comply with OSHA respirable crystalline silica exposure regulations (OSHA 29 CFR 1910.1153). The VS220 produces an airflow volume of 220 ft<sup>3</sup>/min. (6.2 m<sup>3</sup>/min.) and water lift suction of 110 in. (2800 mm). The overall filter size is 18.3 ft<sup>2</sup> (1.7 m<sup>2</sup>), and the dust hopper capacity is 12.5 gal. (47.3 L). The dust hopper is released using a foot-operated lever.

—General Equipment Company, [www.generalequip.com](http://www.generalequip.com)

## Atlas Copco Cobra PROi Gas Breaker

Atlas Copco's Cobra PROi gas breaker is powered by a two-stroke, 90 cc engine with an electronic fuel injection system that minimizes fuel consumption and ensures smooth operation. The breaker's engine control unit activates during the first revolutions after a user pulls the starter cord, so operators can start the breaker in almost any climate or at any altitude. Despite its compact size and low weight of only 53 lb (24 kg), the Cobra PROi breaker delivers as much as 44 ft-lb (60 J) of breaking force due to the unique arrangement of its gearbox percussion system.

—Atlas Copco, [www.atlascopco.com](http://www.atlascopco.com)



## Qdos and APEX Pumps for Aquajet EcoClear Machine

Qdos and APEX pumps from Watson-Marlow Fluid Technology Group (WMFTG) are key components in the latest generation of the EcoClear water treatment system from Aquajet Systems AB. EcoClear allows the discharge of hydrodemolition water back into the environment without the use of filters. Recent improvements to EcoClear include new software functions that optimize dosing to control the pH and turbidity of the treated water. Dosing is facilitated by three Qdos chemical metering pumps that provide high-accuracy metering at pressures up to 100 psi (690 kPa). A single APEX hose pump is used to discharge settled sludge from the EcoClear storage hopper. The pump's direct-coupled drive delivers reliable performance in a compact footprint.

—Watson-Marlow Fluid Technology Group,

[www.watson-marlow.com](http://www.watson-marlow.com)

—Aquajet Systems AB, [www.aquajet.se](http://www.aquajet.se)

## ACI Chapters and You make a perfect pair!

Join your local ACI Chapter today to gain greater technical knowledge and network with leaders in the concrete community. The American Concrete Institute (ACI) has Professional and Student Chapters located throughout the world.

Full Chapter Listing is available online at  
[www.concrete.org/Chapters](http://www.concrete.org/Chapters).

