

bigger FS 7000 D is a walk-behind model suitable for roadwork, large sawing jobs and floor sawing. The smaller FS 5000 D is perfect for small to mid-size jobs, service work and floor sawing. As with all Husqvarna machines, great importance is attached to ergonomics and user-friendliness.

Italian Cuts Diamant has released a new series of walk behind saws. The series is available in four versions, depending on the maximum diameter of diamond blade of 350, 400, 450 and 500mm, the machines can be fitted with different engines.

Another Italian manufacturer, Sea Technology, used Samoter to present its new model Seafloor 500. Powered by a 10kW Honda engine, the compact and powerful Seafloor 500 has a cutting depth of up to 190mm and comes standard with a 500mm diamond blade.

New diamond wires

2014 was also the year when Widecut from Korea launched their new series of brazed diamond wires. Brazed beads are made by sticking diamonds on a steel body with a mixture of chemical paste and heat treated in a furnace. There are three advantages why brazed wire became one of the most demanding diamond wire types. First, sticking diamonds on a steel body by using the paste gives a strong bond of the diamonds. Paste wraps the diamonds up to half way. When there is strong hold of the diamonds they can work longer and thus, operators can use the wire longer. Second, controlling distance between the diamonds is possible. Thus, Widecut can create a 'chip pocket' or gap between the diamonds, which makes the exiting of sludge much easier. Also, 'chip pocket' makes a good path for easy water flow, which enhances the wire performance. By using paste, a double layer of the diamonds is possible. This enables control of the diamond layer, which links to lifetime of the wire. Therefore, brazed wire will be a popular tool because it will give fast speed and good and constant life and incorporates the advantages of sintered and electroplated wires.

New diamond tools

Cuts Diamant has released the new diamond blade EC 620, which is suitable for cutting asphalt and green and cured concrete. This diamond disc is particularly suitable for companies renting machines and equipment. They can offer customers a diamond blade that can cut concrete and asphalt, without the need of having to mount and remove the diamond blade according to the material to be cut.

Shinhan Diamond has launched a third generation of their Arix diamond tools. According to the manufacturer, drilling speed has increased by 30% with the G3 core bits, compared to the current Arix products. At the same time, service life has been extended by 20%. This has been achieved by improving the grip of diamond particles inside the bond. Having started with core bits, Shinhan Diamond plans to extend the technology to other types of its diamond tooling.

Cuts Diamant has joined the ranks of the manufacturers that embrace positioned diamond technology. The core bits, with positioned diamond for both dry and wet applications, are now available from the company. For dry coring of masonry and lightly reinforced concrete, Cuts Diamant offers the core bit CF 101 and the 271. For wet drilling of heavy reinforced concrete as well as masonry, the company recommends the core bit CF 380.



Heger strengthens its positions

The German diamond tools manufacturer Heger Excellent Diamond Tools, located in Heitersheim south of Freiburg, spent a lot of energy establishing and settling the new organisation after the split from the American shareholder in April 2013. After one year the focus changed back to product development and improvement and for spring 2015 several products will be launched.

The diamond wall sawing series TWD, covers the full range of machine power and concrete behaviour. The segments are manufactured using the Xflow dotted segment technology. Metal bond and diamond specification uses state of the art technologies to reach highest levels of performance.

In drilling the two universal drill segments BC34 and BC36 have been introduced. Heger also developed a new drill rig series to fulfil requests from drilling professionals. The development team has been listening to drillers for many months and

combined many suggestions into the new rigs. These include new material for the guiding wheels to absorb vibration and guarantee an easy movement of the gearbox driven motor slide.

As a Weka service station, Heger can also provide Weka motors and take over maintenance and service in-house. For 2015 Heger will introduce a 'Rent and Service' offer to provide an alternative to the drilling industry for leasing or renting high quality motors.

For floor sawing products for asphalt and concrete there are new specifications, which will be launched in the summer.

The biggest change in 2015 will be the move to a new production plant. The manufacturing space will be enlarged significantly to further increase in-house production. Construction has started and the move will take place in June.

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