

WIRTGEN cutting technology makes quality cost-efficient

10 April 2016 by Wirtgen (Wirtgen Group)

Cutting technology is one of Wirtgen's core competences. A long service life and high machine output depend above all on optimum interaction between milling drum, toolholder and cutting tool. At bauma 2016, Wirtgen is presenting new developments specially designed to meet the requirements in cold recycling, soil stabilization and cold milling.

Cold recycling and soil stabilization

Wirtgen will be presenting two optimally matched innovations that meet the special requirements of cold recycling and soil stabilization at bauma 2016: The point-attack cutting tools of GENERATION Z and the quick-change toolholder system HT22.

Next generation

The GENERATION Z point-attack cutting tools for Wirtgen cold recyclers and soil stabilizers have been significantly revised to cater to current demands in the mixing and cutting process. For one thing, the height of the carbide base has been increased and the quality of the carbide material precisely tailored to meet requirements. In addition, the steel body, wear plate and clamping sleeve have been optimized with regard to their wearing properties. All these features help to extend the tool life of the cutters and to prolong protection of the toolholder.

Secure retention

Meanwhile, the beginning of the year saw the introduction of the newly developed quick-change toolholder system HT22 for the model series of Wirtgen cold recyclers, soil stabilizers and tractor-towed stabilizers. Here too, a new geometrical design and enhanced steel quality significantly increase the wearing volume of such components as the base and the upper and lower parts of the toolholder. The resultant extension of service life and longer service intervals also increase machine availability.

The system as a whole has reliably passed its induction in exhaustive test runs and more than 15,000 hours on the job in a variety of applications. Thanks to the excellent interaction of the HT22 and GENERATION Z, customers are perfectly equipped to tackle a wide range of applications in both recycling and soil

stabilization.

Cold milling machines

Customers are also ideally equipped with Wirtgen's cutting tools for cold milling machines. As a pioneer in cutting technology, Wirtgen has optimally matched the various components here too, supplying a large range of high-quality, cost-efficient solutions for cutting asphalt and concrete. As part of the special cutting technology presentation, Wirtgen is showcasing not only the complete range of point-attack cutting tools at bauma, but also the new PKD cutters which have a tip made of artificial diamond material and produce an exceedingly uniform milled surface.

Source: Wirtgen GmbH