

Grinding and polishing of concrete floors

Leading manufacturer of concrete block, brick and paving machinery, PMSA, has obtained exclusive distribution rights for the range of internationally recognised, Swedish manufactured HTC concrete floor grinding and polishing machines through its newly established company, Galileo Trading.

Galileo national sales manager, Andreas Hasselmosse, says the company was established in October last year in line with PMSA's philosophy of using a common customer base to grow its business, and to enable customers to add value to their product offerings.

Galileo now stocks the HTC range of 11 different

grinding machines which can be used for floor preparation from the DIY domestic scale up to large expanses in industrial applications.

The HTC 400 DS/VS, for example, is suited for quick and effective removal of high spots. The HTC 420 VS is a small, durable machine that can handle everything from floor preparation and grinding to removal of tough coatings like adhesive, screed and paint. The HTC 500 is a manually-operated grinder that can be used for coarse grinding, preparation grinding and maintenance, while the HTC 650 RX is a radio-controlled model that minimises operator injuries from stress and vibrations. Among the

bigger machines, the HTC 1500 ixT is a ride-on machine which has a grinding width of about 1.4m and the HTC 2500 ix has three grinding heads powered by 15kW motors that can grind up to 2.4m in width.

Galileo also brings the HTC Superfloor method of polishing concrete floors to the South African market. According to Hasselmosse this is a polishing method that mechanically refines the concrete surface by removing the top cement paste to expose the underlying stronger concrete. The concrete is then ground and polished and the result is a floor with a completely flat surface, highly functional and aesthetically attractive.

HTC Superfloor is ideal for industrial and public environments and can be used in applications ranging from warehousing, storage and showrooms to shopping malls and education facilities.

Galileo also stocks the HTC Twister range of floor pads which offer a green alternative to toxic chemical detergents when it comes to maintaining floor surfaces – by making use of grinding discs coated with microscopic diamonds.

“The products come in varying sizes and can be fitted to any mechanical floor cleaner to clean most types of floors, using different grades of abrasion,” says Hasselmosse.

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