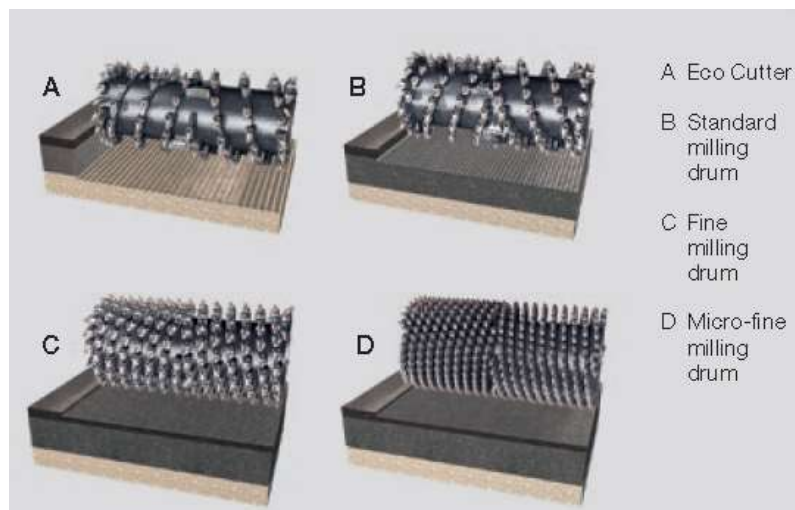


## Fine Milling

Jet Plant Hire Limited has recently invested £750,000 in Wirtgen W210i and Wirtgen W100Fi Cold Milling machines that are not just capable of standard planing but are also fitted with a quick change system that allows a fine milling drum to be used for specific tasks.

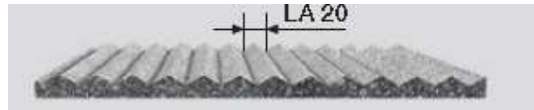


Milling generally falls into four categories, ECO cutting, standard milling, fine milling and micro-fine milling and the differences can be seen in the picture below.



As can be seen the difference between each application is the number of picks on each drum and this affects the finished pattern left after milling.

Eco-cutting uses picks at a spacing of 18 or 20mm which leaves a coarse finish but due to reduced friction allows the planer to increase its production. This is ideal for demolition or deep dig work.



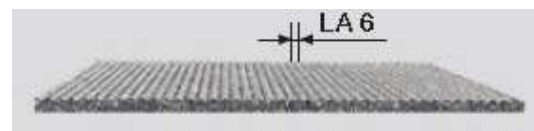
The standard milling drum has the pick spacing at 15mm grooves and is the best overall compromise between performance and finish. All of Jet Plant Hire Limited's planers are fitted with this drum. Given the right conditions this is able to produce a pattern as below:



Fine milling is generally at a pick spacing of 8mm to leave many and shallow grooves over the width of the drum. A fine milling drum will produce a level surface with excellent bonding properties without significantly altering the depth of the pavement itself. It is quite often used to retexture concrete or provide a key on polished surfaces.



Micro-fine milling uses an even smaller pick pattern such as 6mm and in many cases 2 picks per cutting groove to maximise the finish.



Jet Plant Hire Limited has worked on many projects over the years ranging from removal of white lines, removing waterproofing on bridge decks, preparing factory floors for a new surface, and preparation for micro-surfacing.

With the W210i and W100Fi alongside our existing W35 fine milling planers, Jet Plant Hire Limited can now offer an efficient economic fine milling service to meet the requirements of any site no matter how big or small.

