APPLICATIONS
• roughening (removing thick concrete sludge e.g. before shot blasting or grinding)
• height corrections (distance milling)
• restoring slopes
• removal of hard coatings and residues or rigid, stubborn dirt (e.g. oil stains) on horizontal and slightly inclined surfaces made of concrete or asphalt.

THE TOOLS FOR THE JOB

CONCRETE RESTORATION AND CORE REMOVAL
CONTEC Scarifiers can also utilize DIAMOND BLADES for cutting without changing belts & pulleys to alter rpm ratios of the drum!

With a variety of tool options, CONTEC® is always able to offer a suitable solution for your construction site. For the removal of coatings and hard concrete, cutting channels or expansion joints in parking areas or to level unevenness on concrete surfaces and asphalt.

CARBIDE TIPPED CUTTERS
Commonly used are milling or carbide tipped cutters, which strike the surface with tremendous force, thus removing or “breaking up” solid layers. Therefore, the surface must be checked very carefully with regard to its structure so that it is not broken or damaged in any other way.

APPLICATIONS
• Removal of elastic coverings and coatings
• Demarking on horizontal and slightly inclined surfaces made of concrete or asphalt.

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SCARIFYING WITH CUTTERS

STEP BY STEP

1. Select your milling CUTTER tool for roughening, stripping or cleaning horizontal and slightly inclined surfaces made of concrete, cement screed or asphalt during the preparation of the substrate.

2. Up to six axes are seated in the drum - each axis is provided with several milling cutters and spacers.

3. The motor of the milling machine must never be switched on when the tools are still touching the ground! Always lift the tools off the ground with the LIFTING LEVER first. Then switch on, set down and adjust to the desired depth with the HAND WHEEL.

4. The working depth is adjusted with the HANDWHEEL to the height required until the tools grip on the floor and the desired effect is achieved.

5. Excessive depth adjustment reduces tool impact and does not increase performance. In addition, drum shafts and machine bearings are subjected to excessive loads and can lead to parts failure.

6. Heavy dust formation can be avoided by connecting a suitable DUST EXTRACTION SYSTEM from CONTEC®.

THE CONTEC MILLING EDGER CT 60

The CT 60 was designed as the ultimate problem solver when used as an attachment for the tried-and-tested CT 200® Scarifier/Planer. It is engineered to prepare substrates to within a few millimeters of walls and edges while using the same tools for the CT 200®.

OPERATION

Floor Scarifiers ("milling with impact, carbide tipped cutters or milling/flails") are used for roughening, stripping or cleaning horizontal and slightly inclined surfaces made of concrete, cement screed and asphalt as part of the substrate preparation. In addition, unevenness can be machined with pinpoint accuracy using special diamond tools which enable the precise cutting of profile channels, joints or cracks.

THE PROCEDURE

A floor Scarifier/Planer system consists of a SCARIFYER or PLANER which is fitted with suitable MILLING TOOLS on a rotating drum and (can be) connected to a DUST EXTRACTION SYSTEM or industrial vacuum cleaner. Each axle is fitted with several cutters and spacers "loosely" so that movement on the axle is always guaranteed. A rapid rotation of the drum and a defined depth of the milling drum to the surface result in deliberate destruction of the concrete on the surface or chipping in the upper concrete zone.

A defined area removal can be achieved by moving the milling machine (hand-held or self-propelled) across the surface. Compared to milling with chisels (round shank chisels for road milling), much finer results are achieved with CONTEC® technology.

SCARIFYING - THE TECHNOLOGY

Floor milling machines in various working widths and motorizations:
- the CONTEC®-CT series is produced in the working widths of 200, 250 and 320 mm - optionally equipped with milling or carbide tipped cutting tools
- motor variants 230 or 400 volts (a petrol engine is also available on request)
- manual or electrical propulsion for consistent even planing
- weight 60-300 kg

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REMEmBR

Check the floor to be treated for appropriate firmness. If necessary, clean the surface beforehand with a broom or a DUST EXTRACTION SYSTEM. Be sure to remove built-in parts, bolts or loose coverings.