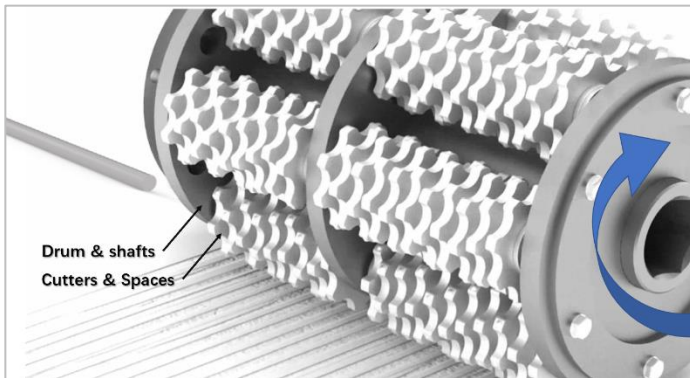


# Concrete Surface Preparation

## - Scarifier/Shaver machine

### Working principle



The cutting tools fix with shafts that rotates around the drum with a high speed to cut or scratch the concrete surface. The flail of cutting tool leaves a rough surface profile for various floor purposes.

The cutting or scarifying depth on the surface could be adjust in a range and limited by machine's design and the cutting tools your choice.

### Tools of Conglory Scarifying/shaving machine

**Conglory** Scarifier can equip with carbide tipped cutters and milling cutters, also utilize DIAMOND BLADES for cutting without changing belts & pulleys to alter rpm ratios of the drum, via a switch on the control panel. (Based on type of machine)

### TCT Cutters

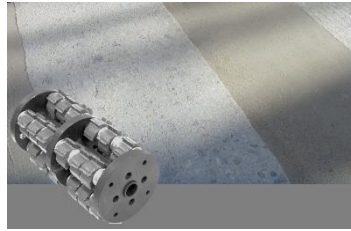


TCT cutters for all concrete leveling, texturing, scabbling, planning and grooving applications. Also used for removal of road markings, roof chippings and brittle coatings, as standard tools use on most of scarifier machine and indicate in ICRI CSP guild line.



**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.

### Milling cutters



Tipped with tungsten carbide they are cost effective and highly efficient. A range of cutter dimensions are available. Milling cutters only work to a limited extent on soft substrates such as coatings, bitumen, glue, etc. Here, peeling is more

sensible - "roller cutters" with attached hard metal blades are used. These so-called milling cutters, are used in gentle scarifying in the removal of "soft", flexible residues.

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



Some of heavy duty Scarifier equip with adjustable self-driving system and easy to operate.

And some of them could ex-change to sawblades drum with different rpm by changing belt and pully or one button switch, such as Conglory 320E machine.

### Saw Blades



A effective tools to cut away the surface from 1mm to 20mm without damaged on aggregates of concrete, low risk on crack and shaking. Suitable on different surface or overlayer such as epoxy, Polyurea, mortar, asphalt, glue etc.

You could get different width between 2 blades via adjust the number of spaces and cutting width via number of blades installed on the drum.

**APPLICATIONS** -Remove the old coating and layer -As a fast way to expose the aggregate during the concrete polishing -Profiling and grooving for anti-skid applications

# Conglory

is a brand of XINGYI, focus on Surface preparation machine and tools.

In 2020, XINGYI decided to invest in surface preparation equipment based on his R&D experience, advanced manufacturing technology and extensive marketing resources in nearly 20 years. And thanks to our Germany experts and engineers, today, Conglory are very happy to show you our surface treatment equipment with high efficiency, high quality with perfect design and producing. All equipment of Conglory is totally finished by XINGYI, an enterprise passed ISO9001, CE, SGS certificate, and QC controlling in all procession by one factory.

As far, our machine includes middle size scarifiers/shaver, portable shot blasting machine with unique Digi-Steer HMI control system in the world, single head grinder, vacuum, we also provide professional diamond tools such as patented QUICRIA™ shining system, a power trowel polishing procession.

All of our production will focus on providing completed machinery solution on concrete protection coating, polished concrete, self-leveling cement and mortar, decoration concrete and terrazzo, waterproof and will cover flooring industry, road and bridge, airport, new construction, renovation and maintenance.

Conglory, a new name in this industry. we look forward to growing up with you, creating a change together!



**CONGLORY**

A brand of XINGYI





**diamondtools**  
hungary

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