

GUARDA EDGE POWER CUTTER

WITH TRI-VAC TECHNOLOGY

WET CUTTING WITH VACUUM
FOR FUME, DUST &
SLURRY CONTROL

GUARDASYSTEMS.COM

Patent pending.

GUARDA

WORK HARD. BREATHE EASY.



2019 WINNER
MIP
most innovative products
AT WORLD OF CONCRETE

FEATURES & BENEFITS

- Superior Tri-Vac Technology for safer, cleaner cutting.
 1. Silica dust control via a combination of water delivered to the blade guard and vacuum suction.
 2. Removes harmful fumes such as Carbon Monoxide away from the operator via vacuum suction and a hose attachment to the muffler.
 3. Slurry control via vacuum suction to the blade guard.
- Fumes, dust and slurry are moved down the same hose and away from the cutting operations
- Quick and easy to set up
- Suitable for general purpose concrete cutting and especially indoors or in enclosed spaces where fumes, dust & slurry are an additional hazard.
- Light weight for ease of use
- Suitable for 15 inch (380mm) blades with 6 inch (150mm) cutting depth.
- Complies with US & EU5 emission standards (as fitted).

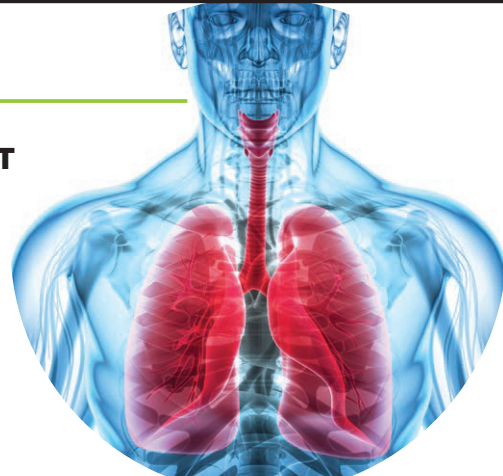
Patent pending.

TRI-VAC
TECHNOLOGY | **EDGE**
POWER CUTTER

**THE ONLY SAW THAT REMOVES
SLURRY AND FUMES WHILE YOU CUT**

STOP

**INHALING
SILICA DUST
& CARBON
MONOXIDE
FUMES**



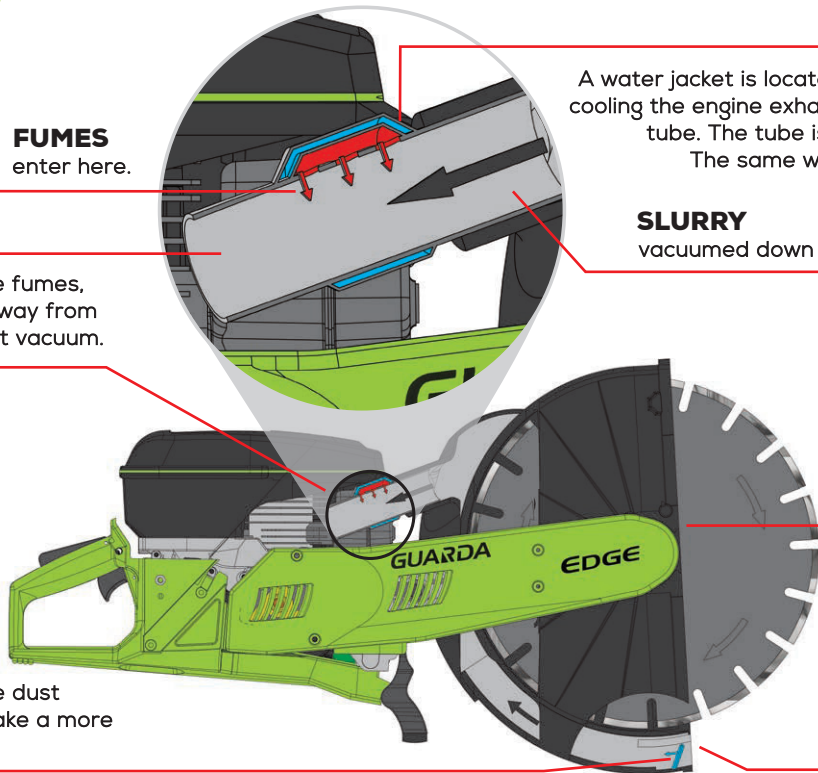
WORLD'S BEST SILICA DUST CONTROL

HOW DOES TRI-VAC TECHNOLOGY MAKE CUTTING SAFER?

FUMES
enter here.

Vacuum hose attached here. The fumes, dust & slurry mixture removed away from the cutting area via attached wet vacuum.

Water is sprayed into the blade guard, towards the rear, to prevent spray back. This water mixes further with the dust and slurry already created to make a more fluid waste, preventing clogging



A water jacket is located around the exhaust ports for cooling the engine exhaust before it enters the vacuum tube. The tube is cool to touch during operation. The same water is used on the blade guard.

SLURRY
vacuumed down here.

Water is sprayed onto the blade close to the center, in a forward direction to prevent spray back. The peripheral forces of the blade take it right to the cutting edge so the water is used efficiently.

The peripheral forces of the blade automatically force the cutting debris (slurry) into the throat of the blade guard where there is vacuum suction to draw the debris upwards.

APPLICATION

Especially suitable for cutting indoors, in enclosed spaces & in poorly ventilated areas.

SPECIFICATIONS

Cylinder Volume (cm³/cu.in) - 93.6/5.7

Fuel Capacity (Litre/US Pint) - 1.0/2.1

Carburettor type - Walbro

Blade - 15 inch (380mm) with 6 inch (150mm) cutting depth

Must be used with a suitable wet vacuum system and water supply turned on as outlined in the operating procedures. Vacuum must always be placed outside to exhaust fumes.

READ THE OPERATING PROCEDURES AND WARNINGS BEFORE USING THIS PRODUCT.

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