



OBTAINING CORE SAMPLES IS DIFFICULT ENOUGH.  
CUTTING THEM SAFELY SHOULDN'T BE.

WHY THE ***ALMONTE CORE CUTTER***  
IS THE WORLD'S FINEST

**ALMONTE**  
DIAMOND PTY LTD



# GENUINE ALMONTE CORE SAW

- Automatic operation.
- Continual core feed allows the operator to cut off samples virtually handsfree with ease and without suffering fatigue.
- Safe continuous operation is now a reality.
- Increased productivity due to reduced operator physical stress that enables faster results and a higher turnaround.



**Long lasting high-quality plastic core guides and carriers with aluminium end handles.**



## ALMONTE SAFETY STANDARDS WORLDWIDE

**The Almonte Core Saw has qualified for the following safety standards:**

**CE** – The Almonte Core Saw passed all the vigorous tests to be awarded the CE safety mark from the European authorities.

**CSA** – The Almonte Core Saw is manufactured to meet all the Canadian Standards Authority (CSA) requirements.

**Plant Safety in the Mining Industry** – AS 4024.1501.

**Cat 4** - The Almonte Core Saw qualifies for a Category 4 rating.



### ALMONTE CORE SAW RECYCLING UNIT

#### SAFETY IS OUR FOCUS

The Almonte Core saw complies and is recognised by the Australian Safety Standard and are quality controlled by a licenced electrical engineer.

Only a genuine Fully Automatic Almonte Core Saw can offer the safety features listed above. It sits apart from all others, setting a new standard for core cutting equipment in the world.

Why would you risk purchasing any other saw than an a genuine Almonte.

Use only with original Almonte Blades and core guides. Over the 19 years we have been manufacturing The Almonte Core Saws, we have modified and improved the Almonte Core guides, which are an integral part of operating procedure of cutting core.

The Almonte Core Guides are now as unique as the saws! We have moved from wood to plastic and from mild steel to aluminium, to achieve the ultimate in core guide assembly, storage and transport.

# ALMONTE CUTS COST, NOISE, ERRORS, FATIGUE AND INJURIES

## VARIABLE CORE SIZING

Handles all core from BQ to PQ. Pieces up to 400mm long may be fed with ease. Broken core samples are also handled easily.

## SELF-FLUSHING

Water, dust and mud spill drains away. Mess is reduced to a tidy minimum.

## BLADE EFFICIENCY

The diamond blade life is significantly improved. The motor speed is set to a recommended 2,500rpm for optimum cutting efficiency and a greatly improved blade life.

## OPERATOR SAFETY

The Almonte Core Cutter offers a quantum leap in operator safety and user friendliness. Safety features include:

- A fully enclosed blade guard.
- A limit switch to isolate power to the machine when the guard is raised.
- The drive feed activation is linked to blade operation. Neither operates in isolation to the other.
- Computer controlled drives constantly monitor blade speed, pressure and feed chain speed. Operation shuts down if maximum pressure is exceeded.
- A reverse drive mode to enable safe, easy clearance of obstructions.

## HEAVY DUTY

Sturdily constructed from heavy duty steel that is primed and powder coated to resist corrosion, to provide years of hard work and reliability.

## NOISE REDUCTION

The sound insulation kit dramatically reduces noise levels and noise fatigue.

## SPARE PARTS

A full range of spare parts is always available. Almonte Diamond Pty Ltd produces a wide range of diamond blades specifically designed for this machine.

## SUITS MOST POWER SUPPLIES

Almonte Automatic Core Saws are available in models to suit most power supplies around the world.

## WARRANTY PROTECTION

12 months written warranty applies on motor and gearbox components under normal operating conditions. Replaceable components such as chains and blades are not covered by the warranty.



Fully enclosed blade guard.



Driver feed activation linked to blade operation.



Computer controlled drives.



Sturdy powder coated construction.



Sound dampened.



# ALMONTE CORE SAWS AND BLADES

Genuine Almonte blades and accessories  
for the Almonte automatic core saw.



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## YELLOW

The Yellow Blade will cut soft to medium hardness material with maximum total meters of core cut to each blade. Also available as a sound-dampened blade. Available in both 300mm (12inch) and 350mm (14inch) diameters.



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## ORANGE

The Orange Blade will cut medium to hard material. Also available as a sound-dampened blade. Available in both 300 mm (12inch) and 350mm (14inch) diameters.



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## GREEN

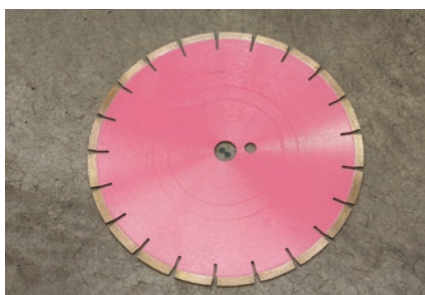
The Black Blade is the first choice for harder materials, but the Green blade is an alternative and is dependent on the composition of the rock. The Green Blade will cut slightly harder material than the Orange blade. Also available as a sound-dampened blade to special order. Available in 300mm (12inch) and 350mm (14inch)



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## BLACK

The Black Blade is used for hard to very hard cores e.g. Magnetite & banded iron. The Green and White Blades are an alternative and is dependent on the composition of the rock. Available in 300mm (12inch) and 350mm (14inch) diameters.



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## PINK

The Pink Blade is used for very hard to extremely hard core, complementing the black blade. Note depending on the core the black blade is better on some core then the pink is on others. Available in 300mm (12inch).

## ARE YOU CONCERNED ABOUT SAFETY?

**Then please consider the following before purchasing a core cutting saw. An automatic core saw is much safer than a “modified brick saw”. Not all “automatic core saws” are the same.**

Benefits	Almonte	Non - Almonte
1. Blade Safety Hood is Tamper Proof, so Saw will not operate if magnetically coded switch is not aligned.	✓	✗
2. Drive Chain is guarded so cannot be accessed by the operator, eliminating a possible Hazard.	✓	✗
3. Blade Hood has an Ergonomic Lifting Handle, which incorporates a Guard to prevent hands being placed under the hood.	✓	✗
4. IP66 Rated Water Proof Control Buttons are at the front of the machine making them easy to reach in an Emergency, this eliminates the need to reach over the machine reducing the Hazard of loose clothing next to moving parts.	✓	✗
5. A full set of Safety/Warning/Operating Labels that are informative & Highly Visible to the operator are attached to the machine.	✓	✗
6. Cutaway Panel at the rear of the Gulley eliminates a potential Crush Point.	✓	✗
7. Awarded CE Mark so can be sold and operated anywhere in the European community.	✓	✗
8. Has a Cat4 Electrical Safety Standard. (Highest Available in Australia)	✓	✗
9. Constructed to C.S.A Standard allowing the saw (upon individual inspection) to be sold & operated in USA & Canada.	✓	✗
10. Core Holders have Handles for Safe, Ergonomic and easy lifting.	✓	✗
11. An Online Professional Training Video also available on USB Drive.	✓	✗
12. An Information Pack containing Pre-Check, Procedures, Safety Requirements and Maintenance Instructions.	✓	✗



#### Almonte Head Office

Unit 4, 66 Truganina Road  
Malaga, Perth, 6090  
Western Australia  
Tel: +61 (0)8 9209 2812  
Fax: +61 (0)8 9209 2721  
Email: supply@almonite.com.au

#### Australia

**PAUL MIFSUD – MANAGER**  
Mobile: + 61 439 487 770  
Email: paul@almonite.com.au

#### ACCOUNTS

Email: neil@almonite.com.au

**ALMONTE**  
DIAMOND PTY LTD

#### Agents Australia

##### WESTERNEX PERTH

66 Truganina Road  
Malaga, Western Australia, 6090  
Contact: Andy Seale  
T: +61 (0) 8 9209 8500  
E: andy@westernex.com.au

##### WESTERNEX KALGOORLIE

18 Kinclaven Way  
Broadwood, Kalgoorlie,  
WestAustralia, 6430  
Contact: Justin Landers  
T: +61 (0) 8 9091 1152  
E: justin@westernex.com.au

##### WESTERNEX BRISBANE

14 Hasp Street  
Seventeen Mile Rocks, Queensland, 4073  
Contact: Stephen Brown  
T: +61 (0) 7 3376 2422  
E: sb@westernex.com.au

##### WESTERNEX MT ISA

13 Ryan Road (entry off Davis Road)  
Mount Isa, Queensland, 4825  
Contact: Russell Armstrong  
T: +61 (0) 7 4743 2122  
E: russell@westernex.com.au

#### Agents Global

##### AFRICA

Westernex Africa  
12 Julian Way  
Somerset West Business Park  
Cape Town, South Africa, 7129  
Contact: Rob Lees  
Tel: +27 (0) 73 234 2845  
Fax: +27 (0)28 313 2845  
Email: rob@almonite.com.au

##### CHILE

Comercial Huanacu SpA  
Av. El Retiro Parque los  
Maitenes 1309  
Pudahuel  
Santiago CP90200000  
Contact: Ramon Fam Mancilla  
Tel: +56 (22) 757 1700  
Email: rfm@huanacu.com

##### USA

CGS Mule  
680 E Glendale Ave  
Sparks, NV 89431  
Contact: Spencer Barr  
Tel: +1 (775) 353-4721 or  
toll-free 800-247-6853  
Email: spencer@cgsmule.com