

Almonte Automatic

CATALOGUE



Westernex is ISO certified for a quality management system for the procurement, warehousing and distribution of consumables.

The Almonte Automatic Core Saw

The Almonte Automatic Core Saw has and is constantly being updated by specialist robotic engineers. It is guaranteed that all electrical equipment and wiring has been installed by qualified and licenced electricians — which is only one of the multiple reasons the saw meets all safety standards.



Almonte Automatic

The World's Safest Core Saw

SKU	PHASE	SIZE
1148-10000	3	380-480V 50HZ*

* Please confirm site power requirements when requesting a quote or ordering.

Variable Core Sizing

Handles all core from B to P. 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.

Almonte Worldwide Safety Standards

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

- » C E – The Almonte Core Saw has passed all the vigorous tests to be awarded the safety mark “CE” from the European authorities
- » AS 4024 .1501 – Plant safety in the mining industry
- » Cat 4 – The Almonte Core Saw qualifies for a Category 4 rating. The Almonte Automatic Core Saw complies and is recognised by the Australian Safety Standard and are quality controlled by a licenced electrical engineer
- » We make core saws suitable for the voltages in the range of 220V to 480V, all our saws runs on 3 phase power; these saws are supplied at specific voltage of the country of export

[Click here to view our demonstration video on the Almonte Automatic Core Saw](#)



The control panel is conveniently located at the front of the machine therefore alleviating any risk that can be caused by having to lean over to control the machine which can lead to articles of clothing being caught by moving parts leading to possible injury.

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. Research and development on our blades is an ongoing task to ensure that we bring you the best in our range.

Operator Safety

The Almonte Automatic Core Saw offers a quantum leap in operator safety and user friendliness.

Safety features include:

- » A fully enclosed blade guard
- » A unique patented RFID safety device incorporated within the red handle that shuts down the saw if the blade guard is raised exposing the blade
- » The RFID system cannot be overridden by inserting something between the sensors
- » 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

The sturdy construction can be attributed to the heavy duty steel that is primed and powder coated to resist corrosion, and to provide years of hard work and reliability.

Noise Reduction

The sound insulation kit dramatically reduces noise levels and noise fatigue. These kits can be supplied should they wear out or get damaged. Sound dampened blades will also assist in the reduction of noise

Spare Parts

Almonte carries the full range of spare parts for your core saw. All parts are ex works and in smalls stock at all times to ensure your machine stays up and running.

Suits Most Power Supplies

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

Warranty Protection

12 months written warranty applies to motor and gear-box components under normal operating conditions. Replaceable components such as chains and blades are not covered by the warranty. The use of non-Almonte blades and consumables can cause unseen damage and will void warranty!



For more information please visit: www.almontecoresaw.com.au

Consumables

Yellow Diamond Blade

The yellow blade will cut materials of soft to medium hardness.

SKU	DESCRIPTION	SIZE
1148-00023	Yellow	12" 300mm
1148-00024	Yellow Sound Dampened	12" 300mm



Orange Diamond Blade

The orange blade will cut medium to hard material. Also available as a sound dampened blade.

SKU	DESCRIPTION	SIZE
1148-00022	Orange	12" 300mm
1148-00019	Orange Sound Dampened	12" 300mm



Green Diamond Blade

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.

SKU	DESCRIPTION	SIZE
1148-00021	Green	12" 300mm
1148-00060	Green Sound Dampened	12" 300mm



Black Diamond Blade

The black blade is used for hard to very hard cores e.g. magnetite & banded iron.

SKU	DESCRIPTION	SIZE
1148-00081	Black	12" 300mm
1148-00020	Black Sound Dampened	12" 300mm



Consumables

Silver Diamond Blade

Alternative to Black blade to cut very hard material. Mainly for iron ore and other very hard material. Harder and more abrasive material will generally reduce the life of the blade.

SKU	DESCRIPTION	SIZE
1148-00031	Silver Sound Dampened	12" 300mm



Pink Diamond Blade

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 than the pink is on others.

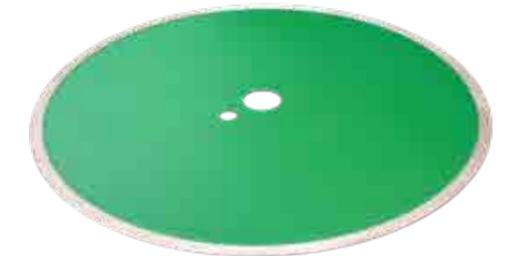
SKU	DESCRIPTION	SIZE
1148-00058	Pink	12" 300mm
1148-00050	Pink Sound Dampened	12" 300mm



Continuous Diamond Blade

For use on very soft material (such as clays, malachite etc.) and brittle rock that is susceptible to shattering if using blades with segments.

SKU	DESCRIPTION	SIZE
1148-00057	Continuous Diamond Blade	12" 300mm



Other Diamond Blades Available

For other blade options, please get in contact with our sales team at supply@westernex.com.au in order to discuss and nominate the appropriate blade for its purpose.





Consumables

Almonte Flip Top Core Carriers

These carriers are specifically catered towards broken cores (the flip tops and lids encase the core to keep everything in place).

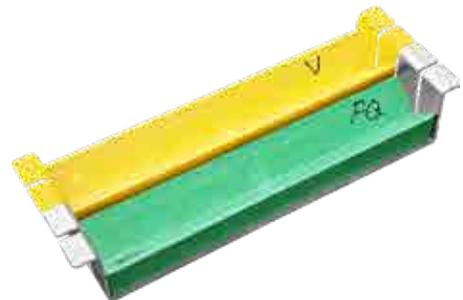
SKU	DESCRIPTION	SIZE
1148-00106	Almonte Flip Top Core Carrier	B
1148-00104	Almonte Flip Top Core Carrier	N
1148-00105	Almonte Flip Top Core Carrier	N2
1148-00110	Almonte Flip Top Core Carrier	N3
1148-00103	Almonte Flip Top Core Carrier	H
1148-00111	Almonte Flip Top Core Carrier	H3
1148-00109	Almonte V-Core Holder with Lids	P



Almonte V-Core Holders

These core holders have open tops and are more catered towards whole cores.

SKU	DESCRIPTION	SIZE
1148-00102	Almonte V-Core Holder	B, N, N2 & H
1148-00101	Almonte V-Core Holder	P



Almonte Recycle Water Unit

This unit was designed to recycle water for use with the Almonte Automatic Core Saw. Using this unit can save up to 8000L of water per day.

SKU	SIZE
1148-00009	230L water capacity

Please confirm site power requirements when requesting a quote or ordering.



Almonte Shipping Crate

These come in two different sizes—one to fit the saw solely and the other to fit both the saw and recycle tank. The larger size also meets the maximum dimensions allowed via air transport.*

SKU	DESCRIPTION
1148-00072	Saw
1148-00073	Saw & Recycle Tank

**Both crates have been treated and meet the IPPC standard.*





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