

3710 Laminate Trimmer

Smooth and precision depth adjustment with rack and pinion mechanism.

A laminate trimmer is a small router that is most often used for trimming laminate, but can be used in many woodworking projects. Not every shaping, trimming, or grooving job calls for a large router. These tools are increasingly being used to shape wood. This tool has a collet capacity of 6.35mm and can be operated with one hand, leaving the other to steady the workpiece. Light and maneuverable, they are ideal for excavating hinge mortises, forming decorative beaded edges on shelf boards and easing the sharp edges of corner trim. Like a router, the standard laminate trimmer base can be used with a template guide.

Rack and Pinion Mechanism

Enables fine depth adjustment without difficulty.



Rubberized soft grip

Provides comfort and control.



Transparent plastic base

Makes trimming edge look clear.



Tilt Base

0 - 45 degree tilt base.



SPECIFICATIONS

Double Insulation	Dust Collecting
Continuous rating Input	530W
Capacity	Collet : 6.35mm
No load speed	35,000rpm
Base tilt	0 - 45°
Dimensions (L x W x H)	102mm x 122mm x 302mm
Net weight	1.6kg
Power supply cord	2.5m

Standard Equipment
Trimmer Guide Assembly, Straight Guide Assembly, Templet Guide, Straight Bit, Wrenches 2, Collet Cone (6mm)

How to Choose the Right Diamond Saw Blade



Whether you're sawing control joints, enhancing concrete with decorative scoring, or cutting out existing concrete for patching or replacement, you can't do the job without a top-quality saw blade. But like a master chef who needs an assortment of knives to prepare various gourmet specialties, you can't rely on just one type of blade to do all these cutting tasks well, or even to perform the same task in different types of concrete.

Diamond saw blades are typically the best choice when it comes to making clean, professional cuts in concrete. However, within this category, you'll find myriad blade options at a wide range of price levels. How do you choose the perfect blade for the job at hand? To achieve optimum cutting performance for your investment, follow these seven steps before you buy.

1. Learn the basics.

Understanding how a diamond blade works will help you choose a blade with the right characteristics and cutting quality for your needs. Here are the four basic blade components:

The metal core, a precision-engineered steel disk with a segmented rim that holds the diamonds.

The synthetic diamond crystals, the sharp cutting teeth that slice through the concrete.

The matrix, a metal bond that holds the diamond particles in place until they wear away.

The weld, which attaches the cutting segments to the core (most segments are laser welded or soldered).

2. Know what you're cutting.

For maximum cutting speed and blade life, you should match the blade as closely as possible to the material you're cutting. Characteristics of the concrete you need to know include the compressive strength, the size and hardness of the aggregate, and the type of sand.

3. Decide when you want to make the cut.

If you're placing new concrete, you have the option of cutting control joints while the concrete is still green (about 1 to 2 hours after finishing) or the next day after the concrete has hardened. The timing of the cut will dictate the type of blade you select.

Some decorative concrete contractors prefer to cut concrete while it's still green because it minimizes the occurrence of ugly random cracking (especially in warm weather, when concrete hydrates faster) and permits shallower joint depths of an inch or less. However, green concrete will be softer and more abrasive than the same concrete in a cured state. That's because the sand in the mixture hasn't yet bonded to the mortar and it acts as an abrasive. Blade manufacturers offer hard-bonded diamond blades specifically for cutting green concrete.

4. Choose wet or dry cutting.

Often the decision of cutting wet or dry depends on your preference and job requirements. Dry cutting eliminates messy wet slurry and the need to equip saws with water tanks and hoses. Using a blade wet, on the other hand, reduces dust but makes it necessary to contain or clean up the slurry. For indoor jobs where you need to keep the work area dry, a dry-cutting blade and compatible saw may be your only option.

5. Make sure the blade is compatible with your sawcutting equipment.

What type of handheld saw or flat saw are you using? What is the horsepower and operating speed (or rpm)? Blade manufacturers provide charts with recommended operating speeds and maximum safe operating speeds for their blades. You'll also find this information stamped right on the blade itself. Always match the blade with the speed range of the saw. Operating the blade at a lower speed than recommended can diminish its cutting life and performance. Exceeding the blade's maximum rpm rating can damage the blade and risk injury to the saw operator.

6. Choose optimum performance vs. maximum economy.

Manufacturers typically offer diamond blades at various quality and cost levels, ranging from basic economy to top-of-the-line premium or professional versions. Generally the key difference among these options is the diamond content, which is the greatest raw material cost in manufacturing the blade. Moving up from a standard to a premium blade may boost the cost 20% or more, but you'll get a higher concentration of diamonds and significantly longer blade life.

7. Determine if a decorative cut is important.

Want to achieve the look of a decorative hand-tooled joint without all the labor? It's possible by using beveled saw blades with a special cutting edge that produces chamfered or radiused cuts in green concrete.

Halloween Pumpkin Making

You can carve a pumpkin with a kitchen knife but why would you want to. The use of power tools for the purpose of pumpkin carving is strongly recommended. In this section we will provide some advice on when to use your:

Jig Saw - Almost always

Router - All the time

Afterall, if you own these tools you know that they can save you a lot of time and bother.

Jigsaw

For detailed cuts, the jig saw is very handy. Using manual pumpkin carving tools works exactly like a jig saw blade. A detailed cutting blade, that is used for soft wood, should be the blade of choice.

You will need as long a blade as you can get. If it isn't long enough the chunks of pumpkin won't come out. Using the jig saw is a lot like driving on ice. A little gas and the saw will keep cutting. In fact, it will keep cutting long after you take your finger off of the trigger. The pumpkin flesh gives it very little resistance, therefore, you will need to take care with the jig saw by applying the variable speed feature, if available. It cuts pumpkin the best on the lowest speed.

Router

For some pumpkins you will want some areas to provide a little glow effect. Instead of cutting out the pumpkin, you can just carve away the skin. The router removes the skin of a pumpkin very easily. If you really wanted to remove a ton of the skin area you might want a bigger bit, but the router cuts very quickly. The only warning when using the router is that unlike routing wood where the sawdust blows away, pumpkin flesh just churns up into a pulpy mess. It can obscure the area you are routing quite quickly.



3612C Router

Electric brake for fast stopping of bit; helps prevent accidental marring.
- 0 to 60mm plunge depth capacity for easy penetration into workpiece.
- Multiple depth adjustments; presetting of 3 plunge depths.

- All ball bearing construction for long tool life.
- Shaft lock for quick and easy bit changes.
- Soft start feature for smoother start-ups.
- Variable speed selection knob (9,000 - 23,000 RPM) for more precise routing.
- Electronic speed control maintains constant speed even under load - Double insulated.
- Top handle depth adjustment to set desired depth.
- Chip deflector keeps chips away from the operator.



4324K Jigsaw

3 Orbital settings plus straight cutting for use in a variety of materials.

- Speed dial for setting maximum cutting speed - Bevel cuts up to 45° right or left.
- Positive stops at 90° and 45° - Large trigger switch for easy operation.
- Lock-on button for extended use - Low noise at only 82dB.
- Low vibration for steady handling - Built-in dust port for easy vacuum attachment.
- Dust cover keeps chips from flying; slides for easy blade replacement.
- Uses tang shank blades only.

Makita Spares and Service

Spares and service are an important support function for even the world's finest electric powered tools. Prompt, efficient and guaranteed servicing maintains customer confidence and keeps their investments in the workplace generating profits.

Makita Portable Electric Tools are constantly upgrading and expanding their facilities to keep pace with the rapidly increasing market population of their products.



The three principal branch workshops, (Germiston - Capetown - Pinetown), are supported by a country wide chain of accredited service stations each in communicate with the main centres. The thousands of owners of Makita Tools are thus assured of continuous usage of their world famous products.

The photo above and to the left is of the Germiston workshop that has recently undergone expansion to enhance its service commitment to Makita users.

Makita Sports Watch

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Bonus Club 2006 Catalogue Supplement

This Limited Edition Makita Sports Watch has a durable webbing strap with an adjustable velcro fastener, and it features a tachymeter.

In addition to the battery in the watch an extra battery is supplied in the handy storage box.

100 Points each
Cash Value : R50.00
Stock Code : 180455



Editors Notes

In this edition we focus on the new Makita laminate trimmer, model 3710, which has a smooth and precision depth adjustment with rack and pinion mechanism.

Please visit our website <http://www.makita.co.za> to view all our UPDATED product information, including new technical diagrams for all our new products. The dealer listings for all areas in South Africa should be completed and available for viewing on the website before the end of the year.

We hope you enjoyed reading this month's MakTimesSA and we encourage readers to send photographs and details of the events that you feel would make interesting reading to marketing@rutherford.co.za.

Best Regards
Makita SA Marketing Department

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