

# "Clear Winner" Among 10 Recipro Saws



## Makita JR3070CT Recipro Saw

Reciprocating saws are fast becoming "top sellers" in their category with worldwide acceptance. Manufacturers have incorporated advanced features such as tool-free blade changes, articulating handles, and even LED work lights.

But all the features in the world don't matter unless they have a real impact on how well these workhorse tools can take out material.

Demolitions expert and contributing editor for the world renowned *Tools of the Trade* magazine, Steve Veroneau, gathered together a group of ten reciprocating saws for testing purposes. His daily projects include tearing down an entire house he is "remodeling" and building a new one in its place. Therefore, the tools he tested had no shortage of demo work and framing alterations to keep them busy.

He tested ten, top brand, reciprocating saws, which included the **Makita JR3070CT**, over a period of twelve weeks.

### Blade Change

Makita was one of two tools that were the easiest to load. He liked how the locking mechanism on both tools stayed open until you inserted a blade into the shaft; inserting the blade also locked it in place.

### Orbital Cutting Action

An important operational difference among these tools is whether the saw blade can cut in an orbital fashion or not. Orbital action is where it's at for aggressive demolition, enabling the blade to hit the material harder and remove it faster than a straight reciprocating motion. The Makita saw, again, was one of two saws which allowed for straight action and three degrees of orbit. The rest only allowed for straight cutting and one orbital setting or only straight cutting action.

### Shop Cuts

After previewing each tool, he clamped a 100 x 150mm hardwood timber to the bench and set them to work cross-cutting the stock. He noticed how much each tool's weight distribution and balance affected its performance. The Makita had good weight distribution along the tool body, felt very solid while cutting and almost fell through cuts. The majority of the others required more push. Next, he flipped on the orbital cutting action with the tools that incorporated the feature, a group that included the JR3070CT, which immediately enabled them to pack more punch cutting through wood. He noticed Makita's new anti-vibration feature here. The saw ran smoothly due to this exclusive counterbalance system.

### Balance and Orbital Action

What made the difference for the work he did was a combination of the tools' weight distribution, orbital cutting action and balance. The better-balanced tools - such as the Makita - felt smoother and more powerful under stress, muscling through more cuts with less effort; again, the Makita was the smoothest. The JR3070CT snagged less or launched itself off the work less frequently than the others if the blade bound up or caught.

### Trigger Lock

He liked Makita's trigger lock, which allows you to keep the tool operating while repositioning your hand for better control in odd cutting positions.

### Cases

The best carrying case was Makita's. The case has plenty of room for the tool, its cord and loads of blades - the perfect design.

### WINNERS

From his test the clear winner, for him, was the Makita. Its design combines all the best features. The stroke speed is adjustable and the stroke motion has multiple adjustments. The tool has a built-in anti-vibration technology that clearly worked. He liked the way the locking collar on the blade shaft stayed locked open when there wasn't a blade in the tool and clicked shut when the blade was inserted. And the tool consistently cut better and faster with the least amount of wear and tear on the most important part of the test - himself.

## Makita's first Flip Over Saw New Product LF1000

### Mitre Saw



Quick & Easy Conversion

**Specifications**  
Continuous Rating Input 1,650W  
Capacity at 90° 20,(68)mm x 210,(155)mm  
at 45° 50mm x 150mm  
Blade Diameter 260mm  
No Load Speed 2,700rpm  
Dimensions(LxWxH)  
Mitre Saw-660mm x650mmx800(1,220)mm  
Table Saw-660mm x650mmx845(1,060)mm  
Net Weight 32kg  
Power Supply Cord 2.5m



Compact Fold-away legs  
Light Weight 32Kg incl. legs

Soft Start Prevents breaker from tripping at job sites.  
Electric Brake for your safety.

On-Off Switch with Anti-Restart Function protects operator from accidental start. Also equipped with Lock-On and Lock-Off function.



**Tough, Light Weight Motor**  
Ideal for  
1)Cutting material with load.  
2)Bevel cut (Max. 45 left).  
3)Cutting thick material.

**Removable Sub Fence**  
Enables to cut thin and wide materials.

### Table Saw





## Makita Orbital Sanders



**9046  
Orbital Sander**

- Powerful 600W performer for professional needs.
- This heavy-duty model is perfect for large flat surfaces due to the large orbital stroke which lowers operating speed to facilitate effective residue removal.
- Has powerful built-in suction for effective residue removal.
- Accepts standard abrasive paper, also accepts hook & loop abrasive paper.

**BO5010  
Random  
Orbital Sander**



- Smooth, swirl-free sanding thanks to random-orbit action.
- Uses quick changing hook and loop abrasive disc (velcro).
- Lightweight body with ergonomically designed palm grip for comfortable handling.
- Pad control system maintains sanding pad at controlled speed upon start-up.
- Efficient through-the-pad dust collection system.
- Best suited for purpose of high yield performance of stock removal.



**BO3700  
Orbital Sander**

- Improved foot for lower vibration & more durability.
- Lower noise and vibration than the competition.
- Weight 1.4kg.

**BO4553  
Finishing  
Sander**



- Easy - to - handle palm sander for dust free finisher.
- The palm sander is small enough to provide a fine finish.
- Features comfortable large clamp for quick paper change.
- Accepts standard abrasive paper.

## Cabinetmakers give advice on avoiding swirl marks

Orbital Sanders have the potential to leave hundreds of scalloped marks (half-moons) all over the wood surface. How can one prevent this? Cabinetmakers give advice on avoiding swirl marks.

- 1) Pushing down too hard is probably the main problem. Pushing down too hard with a soft padded sander will also give you rounded edges on narrow stiles and rails. It is better to change your sand paper more often than to press hard to try and get more work from a dull sheet of paper.
- 2) Don't take too big a step between grit sizes.
- 3) Small swirls will appear on the material due to the pad being out of balance or distorted. In this scenario replacing the pad has solved the problem.
- 4) Not vacuuming or blowing off your surface between grits. If you don't clean the surface, the dust and ground grit from the previous sanding will get trapped under the pad and leave tiny gouges on the surface.
- 5) Keeping a small pad of coarse carpet handy to clean the disks often while sanding will help a lot, and increase the life of the paper.

## Competition

Competition closes  
on 19 June 2006  
and winner will be  
contacted via email.

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**Question**

**Prize**

Which sander above is best suited for purpose of high yield performance of stock removal?

Email your answer to [may@rutherford.co.za](mailto:may@rutherford.co.za) to stand a chance of winning a Makita BO3700 Orbital Sander.

**WIN**

**WIN**

# Makita Tools Fast Forward

## Plumber's Work Day

The recent introduction of two Makita power tools to plumber Duane Brussow's equipment arsenal have reduced the time spent on customer call-outs and construction sites by as much as 75 percent on pipework installations.

Says Duane: "It's hard to put a value to the huge amount of time and effort I've saved since I started using Makita's HM0860C demolition hammer and SG1250 125 mm wall chaser.

"Apart from offering excellent value for money, hassle-free operation and being extremely low maintenance, these tools are making it possible for me to process more jobs in one day than ever before."

"Before I purchased the demolition hammer, I was using an angle grinder as well as a hammer and chisel to access pipes encased in concrete. The HM0860C surpasses the capabilities of these tools and works well in confined work areas."

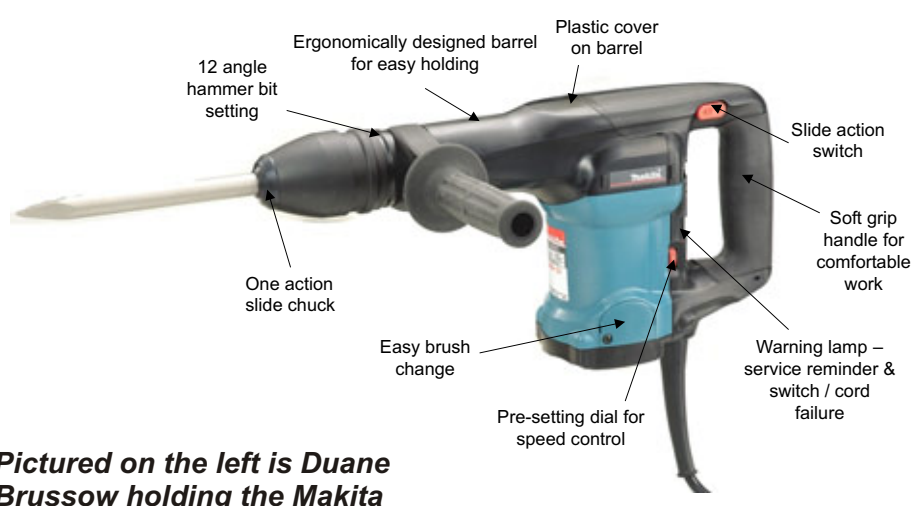
The variable speed electric HM0860C demolition hammer uses the standard SDS max tooling system. It delivers 1100-2650 blows per minute, with a 1,100 W input. The hammer offers a soft start and pre-set dial for speed control and 12 hammer bit angle settings. Bits are rapidly and easily changed using a single action slide chuck.

A plastic cover on the housing protects the operator from electric shock. The unit's warning light draws attention to switch failure or a break in the cord and a service reminder light comes on when it's time to replace the carbon brush.



**Pictured on the left is Duane Brussow holding the Makita HM0860C.**

**Pictured below is the Makita HM0860C Demolition Hammer.**



"The SG1250 125 mm wall chaser cuts straight and has impressive width adjustment, making far neater cuts than I've been able to achieve with an angle grinder," says Duane.

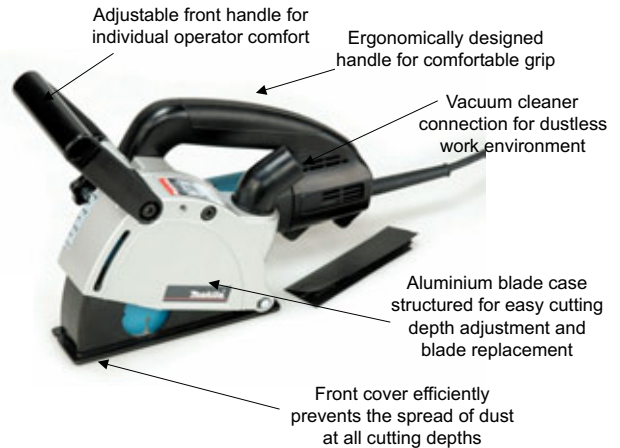
"I've had tremendous success with this tool on construction sites and with bathroom alterations, but the demolition hammer has paid for itself many times over with its efficiency in general maintenance work."

"It's also much more pleasant to work with in regard to dust extraction because it connects to a normal vacuum cleaner and really improves the working environment."



Makita's SG1250 125 mm wall chaser has a nine-stage adjustable cutting width of up to 30 mm for clean edged grooves for channels. This tool incorporates Makita's Super Joint System that provides smooth and comfortable cutting work, shock suppression and protection of the mechanical section in the event of the wheel accidentally locking. A soft start feature also suppresses start-up shock, while an auto shut-off system protects the unit from overloading.

Blade changing is also simple, while a plastic hex wrench holder comes standard with each unit for convenient storage. The wall chaser has a 1,400 W input and a no load speed of 9,000 rpm. The unit is 346 mm long and weighs 4.1 kg.



**Pictured above is the Makita SG1250 Wall Chaser.**  
**Left is the Makita 440 Wet & Dry Vacuum Cleaner which makes for a clean, dust free working environment.**

## Makita International Racing



Newly-crowned AMA Supercross Champion Ricky Carmichael has renewed his contract with the **Makita Suzuki** team for three more years. He clinched the Supercross championship for the fifth time after finishing second in the final round in Las Vegas on the 6th May 2006. "I'm really excited about continuing my relationship with Makita Suzuki," said Carmichael. "I've enjoyed these last two years with the team and we've accomplished a lot together." Carmichael signed with **Makita Suzuki** at the beginning of the 2005 Supercross season and that year won the World Supercross GP Championship, the AMA Supercross Championship, the AMA Motocross Championship, the U.S. Open of Supercross and led Team U.S.A. to victory at the Motocross des Nations (the World Cup of Motocross).

The Carrera Cup is the most successful 'one make' championship in the world, and is the primary support category to the V8 Supercar Championship Series in Australia.

All cars in the Carrera Cup are developed and built by Porsche's racing arm in Weissach, Germany. With a top speed in excess of 300 kilometres per hour, the lightweight, high performance vehicles have a 400 horsepower, 6 cylinder Boxer engine which revs to 8000 RPM, producing a sound that is distinctly Porsche. Pictured on the right is Glenfords Tool Centres-**Makita** vehicle driven by Jonathon Webb, the youngest ever driver in the championship and currently sixth in the standings. He is confident of building on his consistent start to the season which included a lap record at Adelaide in round one.



## Editors Notes

This month's feature tool is the LF1000 flip over saw which is a sub-contractors dream come true and is currently doing well in terms of sales.

It is a new machine from Makita built to the exceptional standards that Makita have become renowned for worldwide. This superb saw is at home on site as much as it is in the workshop.

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 and we would be glad to put this into one of our future editions.

**Best Regards**  
**Makita SA Marketing Department**

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