

Makita 9227CB and the Polishing Process

The Makita 9227CB is a powerful circular polisher and should not be used by a novice detailer. The purpose of circular polishers is to remove layers of paint or clear coat down to the lowest point of the scratch until it is completely level with the surrounding surface. An inexperienced user can easily produce new swirls and burn the paint by holding the polisher in one place too long. *This Makita polisher is used by experienced detailers and professionals.*



Sometimes a dual-action polisher just isn't enough for really tough scratches and swirls. You need the cutting power of a serious circular polisher to penetrate the clear coat and smooth over rough edges to restore your paint to its original flawless finish. A rotary polisher differs from a dual action polisher by the fact that its pad spins only on a single orbit.

The Makita 9227CB is excellent for avid detailers who don't trust their vehicle to anyone else. The variable speed control and powerful motor make this polisher easier to use than many circular polishers, but still very effective. In skilled hands, the Makita 9227CB Polisher will eliminate scratches, swirls and blemishes to restore the smooth, uniform finish to your vehicle.



The Polishing Process - Finding the best way to comfortably hold your machine will take time and there is no right or wrong way providing a few basics are observed. One of the most important things when machine polishing is to get comfortable and relax. Rotary polishers will want to drive themselves across the paintwork. This can be used to your advantage in getting the tool to do most of the work for you. However, if your driving arm (arm at the back of the machine) is tense, you will be more inclined to fight this natural movement of the polisher which will end up in rotary hop and a poor finish. Additionally, you will be less able to easily follow the contours of the paintwork. It is necessary when machine polishing to keep the pad flat at all times – this will be much easier if your driving arm is relaxed as you will find yourself better able to follow the contours and shapes of the body panels you are polishing. Your pressure arm is typically placed over the head of the rotary polisher or on the handle to adjust the amount of pressure applied to a pad.

The amount of pressure will vary from paint to paint, and polish to polish. Generally speaking, you will use lighter additional pressure with a rotary polisher than you would with a dual action polisher. The speed at which the rotary polisher is moved across the paintwork will vary depending on what polish is being used, what paint is being polished, and also what speed the machine is set to. Start off at 600-1000r/min to spread the polish, then 1000-1200r/min to begin working the polish and cutting away the defects. Finally 1500r/min once the polish is starting to work. Faster movements than with a dual action polisher are quite acceptable – indeed moving the machine too slowly can result in high heat build up and the risk of burning the paint. Pay particular attention when polishing near panel edges and sharper contours in the bodywork. These regions can result in local high pressure points and high temperatures can quickly be generated. Also, it is important when machine polishing to regularly clean the pad surface to ensure that the foam can work at its optimum.

Article courtesy of Detailing World

- FEATURES:**
- Power input 1200W.
 - No load speed variable trigger control 0-3000r/min.
 - Electronic speed control maintains constant speed under load.
 - Lock-on button for continuous use at one speed.
 - Fibre disk diameter 180mm.
 - Wool bonnet diameter 180mm.
 - Hook & loop fitting.
 - Hex wrench.



Makita DK1876 LXT Combo Kit

The DK1876 Combo Kit from Makita is the ultimate kit for any serious tradesman.

The kit consists of the mighty BHP454 Impact Drill/Driver producing 80Nm of torque in low gear at 400r/min and a high speed gear spinning at 1,700r/min which is ideal for smaller pilot holes in wood and steel as well as masonry drilling with smaller diameters. The drill has a 13mm capacity in steel, 65mm in wood and 16mm capacity in masonry.

The second machine is the newly launched BTD146 Impact Driver which produces a mighty 160Nm of torque. The tool is ideal for anybody who drives a lot of screws into various materials. Stripping of the screw head is drastically reduced due to the impact action of the machine. There is also no torque twist on the user's wrist due to the mechanics of the tool.

The kit comes in a high quality tool bag along with 2 x BL1830 3.0Ah Lithium batteries and the 22 minute fast charger DC18RC. The batteries fit 26 tools in the Lithium family in total and charge under good temperature conditions in only 22 minutes.



with Set plate

6mm

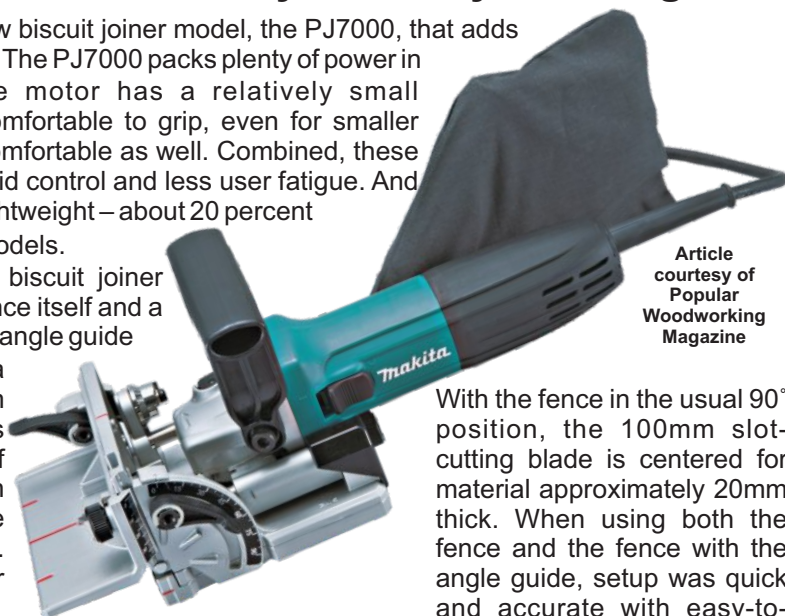
New Product

PJ7000 Biscuit Joiner

Compact and Lightweight Design for high maneuverability and easy handling

Makita has introduced a new biscuit joiner model, the PJ7000, that adds some user-friendly features. The PJ7000 packs plenty of power in its 701W motor, yet the motor has a relatively small circumference making it comfortable to grip, even for smaller hands. The top handle is comfortable as well. Combined, these holding features provide solid control and less user fatigue. And at just 2.5kg, it's relatively lightweight – about 20 percent less than most competitor models.

The fence system for this biscuit joiner consists of two parts: the fence itself and a removable angle guide. The angle guide moves up and down on a rack-and-pinion gear system to make height adjustments for various thicknesses of material. The fence pivots in a fixed position to make angle cut adjustments. Three detents are built in for 0°, 45° and 90° angles.



Article courtesy of Popular Woodworking Magazine

With the fence in the usual 90° position, the 100mm slot-cutting blade is centered for material approximately 20mm thick. When using both the fence and the angle guide, setup was quick and accurate with easy-to-read scales.

Angle guide



Angle guide can be raised and lowered with rack and pinion mechanism, allowing fine vertical adjustment.

Angle adjustable fence



Angle adjustable fence can be locked in any position between 0° and 90° with positive stops at 0°, 45° and 90°.

Depth adjusting knob



Cutting depth can be preset in 6 stages by simply rotating the depth adjusting knob (stopper).

Easy blade replacement



Blade cover can be opened just by loosening clamp screw.

Plate Joiner



Double Insulation



Dust Collecting



Carrying Case

PJ7000

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Continuous rating Input	701W
Blade diameter	100mm
No load speed (rpm)	11,000
Dimensions (L x W x H)	302x139x145mm
Net Weight*	2.5kg
Power supply cord	2.5m

Standard Equipment :

Cutter Blade, Angle Guide, Dust Bag, Set Plate, Lock Nut Wrench

*Weight according to EPTA-Procedure 01/2003

Items of standard equipment and specifications may vary by country or area.

Makita keeps rolling on



Our Makita sponsored, Mercury powered, 200 PRO XS crashed out of the event at Bon Accord Dam in Pretoria held on Sunday 7 October 2012. Ernest Tope, the boat pilot, escaped any injury, but was disappointed not to have finished the second race after winning the first race convincingly, thus, the accident cost him a chance at overall victory. Check out this spectacular photo of the boat roll.

Woodwork for women



For more information, contact Daphne Jacobs-den Hollander at 076 620 5405 or email daphne@woodlife.co.za

Woodlife is a recently established all round carpentry, craft and design company in the vicinity of Harrismith, Free State. The director, Harold Jacobs is a master craftsman who enjoys teaching others his passion for wood. He has always focused on 'on the job' training of students and staff. He recently gave a workshop for a group of ten women from Harrismith. They learned to use a Makita jigsaw, router and biscuit joiner. Using the tools was quite overwhelming for some of the women at first, but they actually discovered it was a lot of fun!

Editor's Notes

Rutherford Makita Power Tools is PROUD to announce that it has received two DIY Trade News Awards for the year 2012 (DIY Trade News is a specialist business-to-business newspaper/magazine which caters for the southern African hardware, DIY, construction and related communities). The awards received were *GOLD - POWER TOOL COMPANY OF THE YEAR* and *SILVER - OUTDOOR COMPANY OF THE YEAR*



Miss Makita 2013

Miss Makita
**Ashley
Schultz**



Señorita Makita
**Anna
Valencia**



Makita SA would like to thank all our partners for their valued support during 2012. We wish all readers a happy festive season and prosperous 2013.