Makita®

September 2011

www.makita.co.za Edition 25

Makita Vehicle Branding

Vehicle branding has become one of the most popular methods of marketing products to the consumer.
Greensky is one such company which specialize in vehicle wrapping that includes colour wraps, matt black wraps, carbon fibre wraps, white wraps, printed wraps and chrome wraps. One tool that is very necessary in this type of business is a heat gun, for stripping decals from the vehicles.

Greensky have made it clear that they have struggled to find a heat gun that could last in this type of environment, that is until they came across the Makita HG551VK.

This heat gun is a new Makita model and has quickly become a Greensky favourite. With over 56 years combined industry and application experience, Greensky say their colour change system allows you to change the colour of your car in just two days, protect & preserve your OEM paintwork and remove it at any time and return to the vehicle's original finish. No paint, no mess and no risk. Visit www.greensky.co.za for more information.

Left: On-site demonstration trailer. The tool demonstration trailer is an excellent way for the customer to personally evaluate and learn more about Makita tools.
Below: Sales Representative's Makita branded vehicles.

Wrapping done by Greensky

Includes Carry Case, Wide Slot Nozzle, Reduction Nozzle and Reflector Nozzle.

The HG551VK has a new unique design with the motor situated at right angles against the hot air flow which is protected in this way against damage.

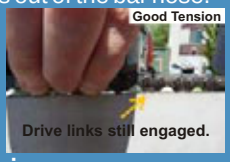
The Makita HG551VK Heat Gun is favoured by the car wrapping specialists, Greensky, for removing decals from the vehicles. The heat gun features a temperature range of 100 degrees to 550 degrees which is controlled by a potentiometer, a stepless temperature adjustment with scale. Some other common uses for a heat gun include stripping paint and varnish, thawing frozen metal pipes, loosening tile and putty and remelting adhesives.

How to Tighten a Chainsaw Chain

Chainsaw chains stretch during normal operation and begin to sag on a saw's guide bar. If a chainsaw chain is allowed to become too loose, it can easily come off the bar during operation and create an unsafe situation for the user.

Good Tension

A properly-tensioned chainsaw chain should still be just a little loose on the chainsaw guide bar, but the chain needs to be tight enough that you can't pull the drive links out of the bar nose.



Bad Tension

A loose chainsaw chain will look like the one pictured below when it is pulled away from the guide bar. If the chain's drive links are disengaged from the guide bar when pulled, then it's time to tighten it up.

Chainsaw chains can also be overtightened. There should be at least a little play in the chain, just not enough for the drive links to leave the guide bar. Tightening a chainsaw chain too tightly risks breaking it during operation.

Step 1. Loosen the nuts on the guide bar side panel.
The brakes of some chainsaws are attached directly to the side panel. If this is the case, make sure to unlock the brake before removing the side panel.

Step 2. Adjust the tensioning screw.
Tension adjustment screws are located to the side of chainsaw guide bars. Tighten screw, tighten chain and loosen screw, loosen chain.

Step 3. Tighten the guide bar side panel nuts.
It is very important to lift the nose of the chainsaw while tightening the nuts that secure the side panel and guide bar.

Courtesy of www.ereplacementparts.com

New Product

EA4301F Chain Saw

- **Designed with our Makita Professional Range at heart for exceptional performance and durability.**
- **Recommended for tough semi-professional (Farmer Class) usage.**
- **Metal, Pro type externally accessible oil pump.**
- **Increased power.**
- **Ease of use combined with comfortable handling and exceptional durability.**

2.2 kW

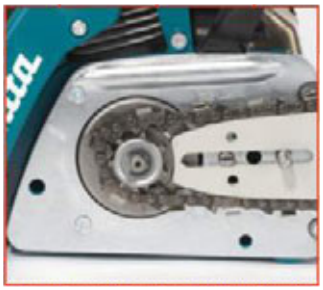
450mm

Features:

• Easy Start: Spring assisted starter combined with optimized engine management.
• SafetyMatic chain brake. • Centrifugal clutch with 3 weights. • Outside sprocket.
• Adjustable oil pump, disabled at engine idling. • Touch&Stop one lever service.
• Magnesium diecasting housing. • Toolless airfilter maintenance.
• Lateral chain tensioning. • Big tank cap, S-form for easy operation.

Specifications: • **Standard guide bar:** 450mm • **Chain blade pitch: Pitch** 0.325" **Gauge** 0.050"
• **Displacement:** 42.4mL • **Power rating:** 2.2kW • **Fuel tank:** 0.48L • **Chain oil tank:** 0.28L
• **Power head weight:** 4.9kg

Large, easily accessible tank caps



The externally mounted sprocket makes fitting the chain simple and uncomplicated.

Easy start

Pro. Oil pump

New Product

Coming October 2011

Maktec MT412 Cutter

Applications:
- For cutting tile compounds such as clay, porcelain, ceramic, terrazzo, slate, granite tiles up to 40mm using 125mm diamond wheel/blade and with proper water tripping.
- For wall chasing to make cable slots and cuttings in the brick wall.

Features:
- More powerful cutting performance with 1,250W motor.
- Larger diamond wheel capacity of 125mm.
- Special water tube fitting provision in the front.
- Easy flow ventilation arrangement with restricted water entry inside the motor.
- External carbon brush for easy maintenance.

****Tool does not include diamond wheel & water supply tube****

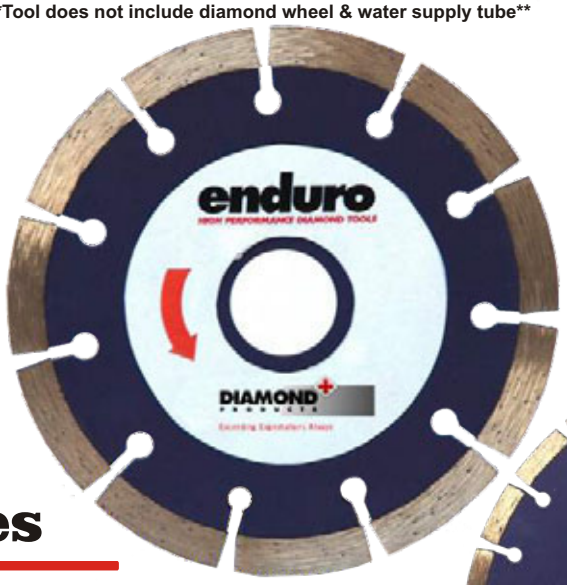
Specifications:
- Cutting Capacity with 125mm diamond wheel : 40mm
- Continuous rating Input 1,250W
- Wheel diameter 125mm
- No load speed 12,000r/min
- Dimensions (LxWxH) 233 x 216 x 166mm
- Net weight 2.9kg
- Power supply cord 2.0m

Standard Accessories:
Wrench, Hex Wrench

Cutting With Or Without Water

Diamond tools and blades work best when cutting wet. The water will prevent the blade from overheating, greatly reduce the amount of harmful dust created by cutting, and will remove the slurry from the cut. Diamond cannot withstand the forces involved at the elevated temperatures of dry cutting ceramic and abrasive materials, and will be subject to rapid tool wear and possible failure. Blade life is greatly extended by wet cutting. However, many blades are designed to operate either wet or dry. Dry cutting should be limited to situations where water isn't readily available.

When water cannot be used, measures should be taken so the operator does not inhale dust created by the process, which poses a very serious health risk known as Silicosis. When doing dry cutting, the blade should be allowed to cool off periodically. Cooling can be increased by allowing the blade to spin freely out of the cut. This allows cool air to pass between the segments. Dry diamond cutting is dangerous for persons unfamiliar with the risks and process.



More About Diamond Blades

A diamond blade does not actually cut. Instead, it grinds. They typically have rectangular teeth (segments) which contain diamond crystals embedded throughout the segment for grinding through very hard materials.

The bond is a term used for the softness or hardness of the powder metal being used to form the segments. The powdered metals hold the diamonds in place. The bond controls the rate at which the diamond segments wear down allowing new diamonds to become exposed at the surface to continue grinding with a "sharp" edge.

An important step in choosing a blade is to match the right bond to your specific material to be cut. Additional factors to consider are the type and power of the equipment to be used and the availability of water. The hardness of the bond is inversely related to the hardness of the material to be cut. Harder materials need a softer bonded segment to allow for continuous diamond exposure. Softer materials like asphalt or freshly poured concrete can use a harder segment to resist the increased wear that softer, abrasive materials create. In addition, the diamonds' grit (size), toughness and concentration should also match the nature of the material to be sawed.

Remember the following with regards to diamond blades:
- The cheaper the diamond blade, the higher the cutting cost per metre.
- The more expensive blades will give better performance and a longer life which will therefore reduce the cost per metre and increase productivity.
- For more information, visit www.diamondpc.co.za (Diamond Products).

Steps for starting a Pressure Washer

HW102 Pressure Washer

Max Pressure
100 bar
Water Flow Rate
360l/h
Connected Load
1300W
Weight
5.8kg

The Makita HW102 Pressure Washer is a lightweight and compact washer for home use. Comes with a plastic type gun, adjustable spray lance, hose 5m, detergent bottle and turbonozzle lance.

Prevent pressure washer performance problems with this article's steps for correct pressure washer setup. Correctly clearing air from your pressure washer also prevents damage.
Any amount of air left in a washer's water pressure system can cause severe performance issues during operation, including sputtering and up-and-down pressure symptoms.
Furthermore, air left in a pressure washer's pressure pump can be hazardous for the pump and other parts of the tool.

Correctly setting up a pressure washer is fast and easy with this article's steps listed below.

Pressure Washer Setup Steps
Many pressure washer owners know that they need to run water through the machine before turning it on. To ensure that all air is out of the pressure washer, water must be run through the machine.

Correctly setting up your pressure washer before start-up will protect your machine against unnecessary damage and greatly improve its performance.

1. Run water through the garden hose being used.
This will expel any air trapped in the hose that would otherwise get into the pump.

2. Connect the garden hose to the pressure washer pump.

3. Run water through the pressure washer pump. (Machine in off position)
Keep the water running for several seconds, or until any sputtering stops.

4. Connect the gun hose to the pump.

5. Run water through the gun hose.
The gun hose is likely to sputter for several moments before completely clearing the air.

6. Attach the gun and likewise run water through the system again.
Mixed water and air will make a crackling sound as they leave the gun until all of the air is expelled. The crackling will probably continue for several seconds. With all of the air properly cleared out of the pressure washer, you can expect strong, consistent pressure out of your tool.

Courtesy of www.ereplacementparts.com

Editor's Notes

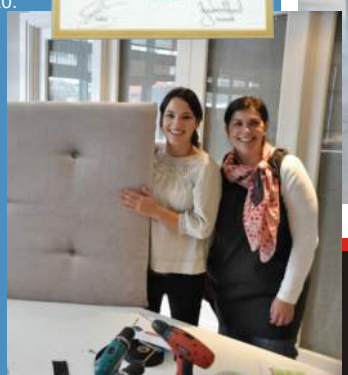
Makita would proudly like to mention some awards that it has been associated with. Firstly Saatchi & Saatchi won the prestigious Creative Circle 2009 Ad of the Year Award in the outdoor category, for its Makita 20,000 Holes campaign (read more about this in MaktimesSA 22nd Edition). Only five awards are given out in total for print, radio, TV, outdoor and press (one in each category). Saatchi & Saatchi also received a 2009 Gold Loerie for the experiential campaign. The Loerie Awards encompass every area of brand communication including television, radio and print advertising, graphic design, architecture, live events and digital media to name a few. Known as the biggest advertising, communication design and experiential media awards in Africa.

According to Grant Meldrum, Saatchi & Saatchi MD Johannesburg, Saatchi & Saatchi's outdoor campaign for Makita was aimed at demonstrating the Makita power drill's precision and comprised an impactful visual project that involved drilling over 20,000 holes into a wall. It took ten people a week to complete to create a huge black and white image of a Makita drill - sort of like a Makita drill doing a huge self-portrait/packshot.

Secondly, seen below, a Khuza Award. The Khuza Awards reflect the opinions of over 2,500 young South Africans (8-22 years) from six provinces regarding four categories of work: TV, print, outdoor and radio. Because there are more South Africans under 23 than over it, only the Khuza Awards recognise communication that really speaks to them.

Left: Khuza award given to Makita in the outdoor, originality and innovation category for its 20,000 hole project.

Right: DIY Trade News Magazine Award for Power Tool of the Year given to Makita in 2010 for its Finishing Sander BO3710.



Right: Missi Overturf holding up a headboard, completed during a workshop with the help of Makita.

Sales Counter Team JHB

The Makita sales counter at Johannesburg branch consists of three ladies who always have a pleasant service manner that goes a long way in representing the organization to the customers. They all display solid attention to detail and the ability to work in a fast paced environment and also show a desire to learn more about Makita products and procedures.

Pupkewitz Megabuild Namibia

The below picture is an example of the Makita display stand at Pupkewitz Megabuild Windhoek. Pupkewitz Megabuild has some 14 branches in Namibia and continually looks for ways of satisfying their customers' needs and requirements. Their Head office is based in Windhoek and in 2003 they made the decision to include Makita in their power tool range.

Today Makita power tools are to be found in each branch they have from Alexander Bay in the South to Katima Mulilo in the North. A vast area to cover and they attribute the success of the Makita brand in their stores to the synonymous relationship between Pupkewitz and Rutherford. A large range and very good stock levels stocked by Pupkewitz ensure that the customer is a happy customer. They have also sent some of their sales people to the Makita Academy which has proven most beneficial in being able to assist customers most satisfactorily.

The after sales support and high service levels offered by Rutherford, and their Authorised Service Centres (in Namibia), in supporting the Makita brand and continued efforts of Pupkewitz in promoting the brand bear testament to the success of Makita in the territory. Pupkewitz Megabuild and Makita, a winning partnership!

Durbanville Workshops CPT

Makita Cape Town branch was approached by Missi Overturf , a writer and producer for many home decorating features seen in Home and Leisure magazine. She was planning to do some more advanced decorating features, requiring help from Makita, including holding workshops for making an upholstered ottoman and a headboard . Missi already had one of the Makita Cordless 8281DWPETC Percussion Driver Drills, with three draw kit, and had really experienced the convenience of using cordless for these applications . Due to the fact that she intended running some larger workshops, one in Durbanville, with up to 40 ladies, her one drill would not be enough. A selection of Makita and Maktec cordless tools was given to Missi for the duration of the workshops which really assisted her in these projects . Makita will be assisting her in the future as and when required, and have offered to provide her with some basic power tool training if necessary. Missi says that she has had such brilliant feedback from the workshops and that the people loved the interaction and the projects. She was very thankful for Makita's contribution.