Mak Times SA
Makita
INDUSTRIAL QUALITY POWER TOOLS
marketing@rutherford.co.za www.makita.co.za Edition 14 June 2007

NEW Lithium-Ion Range

18V 3.0Ah LITHIUM-ION

LXT EXTREME STAMINA

Li-ion EXTREME TECHNOLOGY

Life time work volume

280%

In comparison with Makita Ni-cd 2.0AH batteries

Total Power Delivery Amount of each battery's service lifetime


Li-ion 3.0Ah 280


Ni-MH 3.0Ah 130


Ni-cd 2.0Ah 100

The numbers are relative values with Ni-cd 2.0Ah indexed at 100

LIGHT WEIGHT & COMPACT

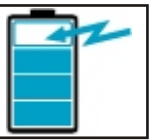
40% lighter

MAKITA 18V Ni-MH 3.0Ah

MAKITA 18V Li-Ion 3.0Ah

ANYTIME CHARGE

NO MEMORY EFFECT



SHOCK ABSORBING

HEAVY DUTY PACK

LONGTIME STORAGE

LOW SELF DISCHARGE

FIRM HOLDING

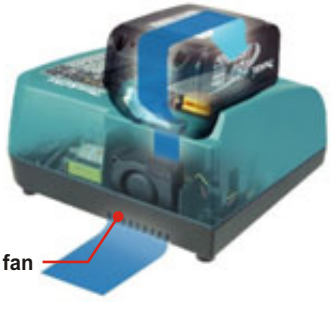
MULTI CONTACT

OPTIMUM CHARGING SYSTEM

Makes battery life longer because this charging system takes care of the battery with the following functions

- Communicates with individual battery
- Recognizes ID of battery and its history
- Analyses the battery's condition; it may have been abused by heat or over-discharging, or weakened by cycle age.
- Knows how to look after each MAKSTAR battery to MAXIMIZE CYCLE LIFE & WORK VOLUME
- Optimum and gentle charging with Active 3 Controls
  - Active Current Control
  - Active Thermal Control
  - Active Voltage Control

Cools down inside battery



Cooling fan

Built-in Memory Chip

Built-in CPU

BI1830 18V 3.0Ah Battery

DC18RA Charger
22 Minutes
Charging time

CHECK OUT www.makita.co.za

FOR THE NEW LITHIUM-ION POWER TOOL RANGE

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BTW251ZK Impact Wrench

NEW PRODUCT

12.7mm Square Drive

Compact overall length of 165mm provides more control and manoeuverability

High power, compact & lightweight 4-pole motor

Phosphorescent bumper

Enables this tool to be easily located, even in dimly lit areas.

LED job light with afterglow function

Light can be turned on before tool starts by pulling trigger slightly

Ergonomically designed rubberized grip

Provides comfortable grip and more control while minimizing hand fatigue

Belt Clip

Ensures more secure clip with longer hook portion

Extreme battery stamina

High power density allows compact and lightweight design without power reduction. Can be charged at any time because Li-ion battery is free from memory effect.

MAKITA ADVANTAGE

- Compact and lightweight design.
- High torque to weight ratio.
- Same fastening torque in forward and reverse rotation
- Hammer case cover protects workpiece from scratches, increasing manoeuverability.

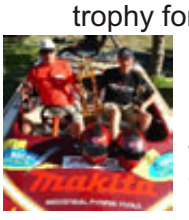
SPECIFICATIONS:

Capacities	
Standard bolt	M10 - M16
High tensile bolt	M10 - M14
Impacts per minute	0 - 3,200 ipm
No load speed	0 - 2,100r/min
Maximum fastening torque	230N.m
Overall dimensions (LxWxH)	165 x 79 x 234mm
Net weight	1.7kg
Voltage	18V

Makita Takes To The Water

Makita has taken to the water by sponsoring a boat in a F2 Boat Class (3.0 Litre Standard Production) which includes 200 TO 225HP motors that reach speeds of 122KPH. Currently there are about five races per year which hopefully will be extended to eight. The venues include Hartebeespoort, Vaal, Gariep, Bon Accord and Witbank. The venues are limited because of long distance racing.

The driver for the Makita sponsored boat is Ernest Tope with his co-driver, Lappies Labaugschagne. They have won trophies for first place in Class at Gariep and a floating trophy for the overall winner at the same venue. The racing is all about bringing together anyone with a boat with any size motor. There are plenty of Classes including an Open Class where anything goes.



The driver, Ernest Tope, is pictured behind the steering wheel with his co driver, Lappies Labaugschagne.

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Steel Frame Housing

The Hi Tech approach to building

Steel frame homes are a cost effective alternative to the traditional building industry as has been proven successfully in the European markets as well as Scotland, England, USA, New-Zealand, Australia to name a few.

The Building Ind in SA must look at these dynamic and revolutionary alternatives as a solution to low cost housing, extensions, and new up market houses, including the concept of low rise office blocks and flats.

With multi requirements for accommodation and a growing population which wants to have a decent life style, we believe that now is the time for all of us in the professional building industry to at least look at the potential of this already proven building system.

The question is serious - what can compete in terms of quality and efficiency? Not long ago: Flooring was predominantly timber - now it is mainly concrete. Timber window frames are now aluminium or plastic.

Timber fascia - has been replaced by fiber cement. So, despite the conservatism of the building industry, these changes happened fast when the new materials proved superior to the old. So if steel lends itself to efficiency and automation, why wouldn't most framing soon be steel?

Light gauge steel is the only practical material to use - :

- It can be machined accurately from continuous coil.
- It is light and easy to handle.
- It is pretty tough stuff and stays the same length and width once cut.
- Steel has the highest strength to weight ratio.
- It is weatherproof - impervious to water and UV radiation, frames can be stacked in the open before being used and need no drying time or adjustment after erection.
- Steel is rodent, insect and rot proof and warranted to be corrosion free for a minimum of 50 years.
- Last but not least, for the first time steel is really cost effective due to the automated production and design techniques.

Pictured above and to the left are images of one of the first projects involving steel frame housing in Johannesburg, South Africa. The individuals who form part of the team that are working on the project have travelled to Australia to learn the techniques involved in erecting these structures quickly and easily. As mentioned in the beginning of this article, countries like Australia have proved steel frame housing to be highly successful and cost effective. This team favours **Makita Power Tools** to erect these structures, including the new BTW251ZK Cordless Impact Wrench featured on page 3 and the 6337DWAE Cordless Driver Drill. Once perfected, framing for a pre-designed house of 200 square metres with three men will take about two days to manufacture and three days to erect, ready for wall and roof cladding.

Please read our next edition where we will have an article which focuses on the TEAM AND THEIR TOOLS.

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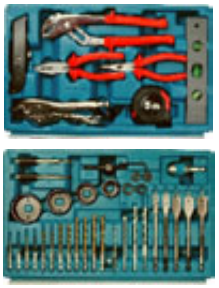
ValuePac11 SPECIAL

Offer valid until 29 June 2007 while stocks last. All prices include V.A.T at 14%

Angle Grinder 230mm
Model GA9030K
including Makita Carry Case

R1665



Cordless Percussion Driver Drill 14.4V
Model 8280DWPETC
including Makita Tool Kit

R1895

Angle Grinder 230mm
Model GA9020K
including Makita Carry Case

R1225

Angle Grinder 115mm
Model GA9557NB
including Makita 5m Extension Cord

R795

Safety Warning
This extension cord has been designed for use with double insulated power tools ONLY with a maximum power rating of 16Amp.

Cordless Driver Drill 12V
Model 6270DWALE
including Makita Torch Kit & Carry Case

R1425

Laser Marker

Compound Mitre Saw 305mm
Model LS1214L
including Makita Stand Valued at R595

R8995

2 Speed Hammer Drill
Model HP2070
including Makita 16 Pocket Tool bag

R1495

Jig Saws
Model 4340FCT & 4341FCT
including Makita 5m Extension Cord

R1995 EACH

Safety Warning
This extension cord has been designed for use with double insulated power tools ONLY with a maximum power rating of 16Amp.

Rotary Hammers 24mm
SDS Plus
Model HR2440 & HR2450
including Makita Screwdriver Set

R1795 HR2440

R1895 HR2450

Impact Drill 20mm
Model HP2050
including Makita 16 Pocket Tool bag

R1125

Jig Saw
Model 4324K
including Makita Carry Case and 5m Extension Cord

R825

Impact Drill
Model HP1620
including Makita Pliers Set

R825

Dustless Sander
Model BO4900
including Makita Screwdriver Set

R1795

Power Planer 82mm
Model 1923HK
including Makita Carry Case

R1795

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Compound Mitre Saw 255mm
Model HP1620
including Makita Stand
R2995

Drywall Screwdrivers
Model 6826 & 6827
including Makita Screwdriver Set
R1695 EACH

Portable Steel Cut-Off Machine
Model 2414NB
including 5 Makita Discs
R1895

Circular Saw 190mm
Model 5704R
including Makita 32 Pocket Tool bag
R1295

Plunge Type Router 6.35mm
Model 3620
including Makita Pliers Set
R1695

Random Orbital Sander
Model BO5021
including Makita Pliers Set
R1125

Standard Blower/Vacuum
Model UB1100
including Makita Screwdriver Set
R595

Makita SAFE

Belt Sander
Model 9401
including Makita Executive Tool Bag
R2895

Maktec Competition Winners

1st Prize: Jenny Beddie

Recently, Maktec held a Bag A Box competition in The Home Handyman magazine. The entrants were asked a question on safety with regards to angle grinders. The **Winner** of the draw was Mrs Jenny Beddie, who won for herself a Maktec MT901 Angle Grinder, MT360 Router, MT110 Power Planer, MT813 Impact Drill and a MT064SK2 Cordless Driver Drill.
Second Prize winner was Mr L.Mulder, who won a Maktec MT957 Angle Grinder, MT811 Impact Drill and a MT063SK2 Cordless Driver Drill. **Third Prize** went to Mr E.A. Wright, who won the MT952 Angle Grinder and the MT063SK2 Cordless Driver Drill. Congratulations to all three winners.

3rd Prize: E.A. Wright

Editors Notes

Makita always takes into consideration the research behind the positive features of a good quality tool, it has to be light (so lifting the tool is easily achieved), it has to be reliable (so the tool will always finish the job no matter how difficult or hard it is) and it has to be safe, which is the number 1 aspect of a tool we always consider first. Your safety is the most important thing for us.Fortunately all these features are part of the technology of Makita's Lithium-Ion battery which is featured on page 1. Also in this edition you can read about Steel Frame Housing which is stronger, more precise, lighter, more cost effective and more accurate than conventional building approaches which offers about a 20% saving on a home.

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Best Regards
Makita SA Marketing Department