

Unleash the XGT Wave:

**Makita**<sup>®</sup>

Expand, Empower, Excel



**XGT**

# Portable, Precise, Powerful

Makita's XGT battery-based civil construction tools for hassle-free operation in any environment



**Question 1:**

*Is Makita a Japanese company?*

**Answer: Yes**

Makita Corporation is a Japanese manufacturer of power tools. Established on March 21, 1915, the company is headquartered in Anjō, Japan. Makita operates factories globally, including locations in Brazil, China, Japan, Mexico, Romania, the United Kingdom, Germany, the United Arab Emirates, Thailand, Canada, and the United States. Makita India, known as Makita Power Tools India Pvt. Ltd. has a 1 lakh sq. ft office in Whitefield, Bengaluru. It maintains four large warehouses in Delhi, Kolkata, Chennai, and Kochi, ensuring extensive stock levels of tools, accessories, and spare parts to meet the daily demands of various markets.

**Question 2:**

*What is XGT Technology?*

**neXt Generation Technology.** It represents a new system comprising its own set of tools, batteries, and chargers. The synergy of innovative tool design and high-output batteries offers a comprehensive solution tailored for the needs of high-demand industrial users.

**Question 3:**

*Some of our older tools use LXT batteries. Can we use the 18V LXT battery on XGT 40V Max Tools?*

**Answer: No**

Makita's engineers intentionally designed a different battery connection for a specific reason. Every technology has its limits, & to achieve even greater performance, advancements are necessary. For instance, XGT involves enhanced battery cells and electronics, delivering more power to the motor. This advancement necessitated more robust contact points, resulting in a different connection between the battery and the tool. This improved power transfer reduces heat generated by the machine, leading to better and longer performance on a single battery charge.



**GAVI RS**  
Product Manager  
E-mail: gavi@makita.in

<p>XGT Maximum Performance on Battery</p> <p><b>03</b></p>	<p>Cordless Impact Wrench</p> <p><b>04</b></p>	
<p>Cordless Combination Hammer</p> <p><b>06</b></p>		
<p>Testimonial from our international customer</p> <p><b>08</b></p>		
<p>Cordless Power Cutter</p> <p><b>10</b></p>	<p>Cordless Recipro Saw</p> <p><b>11</b></p>	<p>Cordless Chain Saw</p> <p><b>12</b></p>



XGT is a new system with its own tools, batteries, and chargers. A combination of innovative tool design and higher output batteries provides a genuine solution for high demand industrial users.

## Optimum power supply system and optimum charging system

The XGT range of tools and batteries come with a built-in program, providing digital communication between the battery and tool. This allows not only for the battery to talk with tool but also the tool to talk to the battery. The Battery technology and motor engineering work together for optimum performance.

Tool ↔ Battery ↔ Battery Charger  
**Digital communication**



## Built Tough

High durability specifications specially designed for 40Vmax Li-Ion batteries

- 4-LED fuel gauge indicator**
- Terminal short-circuit prevention structure**  
The protection wall is provided between terminals against water and dust.
- Shock absorption structure**  
Heavy duty outer casing and cell holder  
Create a space to absorb impact
- Waterproof Triple-layer Structure**  
prevents cell failure due to water and dust.  
Insulating paper, Film, Water-proof ring, Cell
- High Rigidity Battery Rails**  
Durable slide in battery rail that holds the battery and the tools firmly and securely to withstand high power products

# Enhanced power at your fingertips



**TW004G**  
**XGT 40V Max**

Electronic 4 stage impact power selection for added versatility

BL motor delivers 350 N·m (260 ft.lbs.) of max torque & 630 N·m (465 ft.lbs.) of nut-busting torque.

Excellent performance in continuous heavy duty applications

Reverse Rotation Auto Stop Mode stops after the bolt/nut loosened enough.

3 modes of reaction time for automatic stop available both in forward and reverse rotation modes

Compact design with a short overall length of 144 mm

## TW004G

Makita 40V Max Brushless 1/2" Compact Impact Wrench delivers 350Nm of fastening torque & 630Nm nut busting torque for heavy duty fastening performance. In addition to the power of the TW004G it is also highly intelligent with 6 optimised fastening controls.

Each mode tailors the driver speed and impact rate to the task at hand, ensuring you don't damage the fastener or material. Also featuring a 4-Stage Power Selection allowing you to dial back the rpm and torque for specific applications.

The final innovation feature Full Speed Mode, shortens the distance of trigger travel required to hit full speed, decreasing hand fatigue and increasing efficiency in fast paced jobsites and working environments.

## Premium on Safety

Makita prioritizes tool safety by incorporating advanced technologies. Our tools feature XPT for protection from dust and air, antivibration technology (AVT), vibration-absorbing handles, anti-vibration grips, auto-stop, & speed control. Some special safety features we use include:

### Brushless Motor

The Makita-built brushless motor eliminates carbon brushes, resulting in cooler and more efficient motor operation for extended life. This is achieved by eliminating friction loss and reducing heat production associated with brushes.

### Active Feedback Sensing Technology

This smart feature minimizes the impact of kick-back by shutting down the tool if the rotation speed suddenly slows down. An on-board accelerometer is utilized to measure rotation, electronically turning off the motor if forced to stop abruptly. Moreover, the torque-limiting clutch automatically disengages gears to prevent damage.

### Anti-Vibration Technology (AVT)

Makita incorporates the principles of earthquake engineering to deliver the safest heavy-duty power tools with vibration ratings nearly 50% lower than comparable products. AVT employs dynamic dampening to significantly reduce rotary vibration while simultaneously increasing impact power by up to 75%. This design is aimed at reducing vibrations transmitted to the operator for enhanced comfort and safety.

The extended handle allows a... user tighten nuts without continuously bending over. This makes for example, a railway maintenance worker less likely to get tired the work.

This handle is suitable for:  
DTW1001, DTW1002, DTW800, DTW700,  
DTW701, TW001G, TW007G and TW008G.

### 191G67-2

Extended handle impact wrench.



# Packing a Solid Punch!



28 mm (1-1/8") Combination Hammer, SDS-PLUS

Excellent tool balance for easy handling and control

Anti-Vibration Technology (AVT) for extremely low vibration

Variable speed trigger allows operator to adjust speed based on materials or application

**HR003G**  
XGT 40V Max

Depth gauge for increased drilling consistency

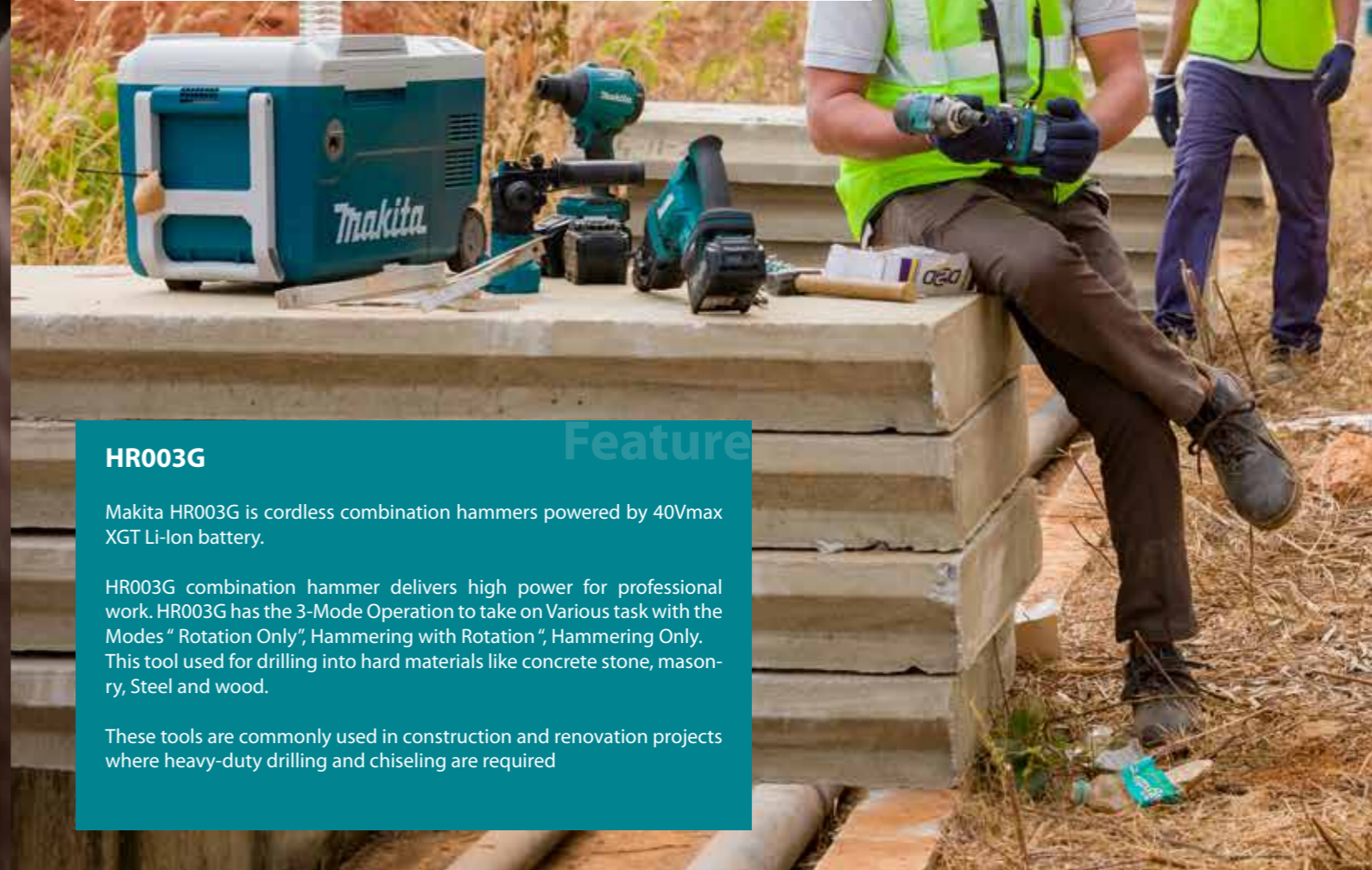
Torque limiter stops rotation if bit jams for increased operator safety and enhanced motor protection

End User:  
Mr. Bharath  
Amrutha Construction Pvt. Ltd.

## Makita - A Game Changer

Makita has really been a game-changer for us. We initially relied on corded tools from a different company, but using them in remote environments, especially in newly developed layouts, became increasingly challenging.

Transporting a diesel generator and associated equipment to every location was not a viable option. In search of portable and cost-effective solutions, we turned to Makita. The Makita team visited our jobsite, offering tailored solutions. After testing demo tools in various environments, we were impressed with their performance and battery life.



### HR003G

Makita HR003G is cordless combination hammers powered by 40Vmax XGT Li-Ion battery.

HR003G combination hammer delivers high power for professional work. HR003G has the 3-Mode Operation to take on Various task with the Modes " Rotation Only", Hammering with Rotation", Hammering Only. This tool used for drilling into hard materials like concrete stone, masonry, Steel and wood.

These tools are commonly used in construction and renovation projects where heavy-duty drilling and chiseling are required

### Feature



Related

**HR010G**  
XGT 40V Max  
20 mm (13/16") SDS-PLUS  
Cordless Combination Hammer,  
BL, AWS, AVT, LED light



Related

**HR008G**  
XGT 40V Max  
30 mm (1-3/16")BL AFT AWS AVT  
Cordless Combination Hammer,  
SDS-PLUS, LED light



Related

**HR007G**  
XGT 40V Max  
28 mm (1-1/8") BL AFT AWS AVT  
Cordless Combination Hammer,  
SDS-PLUS, LED light



Related

**HR001G**  
XGT 40V Max  
28 mm (1-1/8")  
BL AFT AWS AVT SOFT NO LOAD  
Cordless Combination Hammer,  
SDS-PLUS

### B-53877

**Drill & Chisel**  
TCT drill bit & chisel for SDS-PLUS  
Hammers assortment in MAKPAC  
SDS-Plus Drill & Chisel Assortment (17pc.)  
with MAKPAK Case 5x110, 5x160, 6x110,  
6x160, 7x110, 7x160, 8x110, 8x210,  
10x160, 10x210, 12x210mm,14x260mm  
Bull Point 140mm,250mm, Cold Chisel  
20x140mm,20x250mm, Scaling chisel  
40x250mm



## Interview



# The Magic of XGT Power

## GA011G the angle grinder that is on revs remain so that you work faster

View online  
makita.in



Outstanding performance and efficiency similar to corded 1,000 W class grinder

New toolless wheel cover allows for fast and easy angle adjustment and installation/removal of wheel cover

AFT (Active Feedback sensing Technology) turns the motor off if rotation speed suddenly slows or wheel is forced to stop

**GA011G**

**XGT 40V Max**

Electric brake for maximum productivity and increased operator safety

Spiral bevel gears for smoother rotations and a more efficient transfer of energy

Anti-restart function engineered to minimize motor start up when battery is inserted with switch locked on

**End User:**  
**Mr. Bharath**  
**Amrutha Construction Pvt. Ltd.**

## Interview

Comprehensive explanations about tool operation and features were also provided. These tools have significantly boosted our productivity, eliminating the need for a DG set or extra labor. Their portability allows us to use them anywhere, enhancing efficiency. In our current project, a 2000-acre layout near Bangalore, Makita's portable tools have notably improved our speed and operational efficiency. For instance, taking an angle grinder to the top of a building is now hassle-free, as we no longer worry about power sources. Overall, our experience with Makita has been excellent, and we eagerly anticipate the release of their upcoming tools.

## Feature

Makita GA011G is a 100mm (4") cordless angle grinder powered by 40Vmax XGT Li-Ion battery. BL motor & the XGT battery deliver powerful grinding & cutting similar to 1,000W class AC model.

100mm (4") Paddle Switch Angle Grinder delivers cutting speeds up to 40% faster than the 18V equivalent.

Re-designed to withstand harsh conditions the GA011G is highly durable with advanced protection against heat & dust. The improved heat dissipation capacity allows for continuous heavy duty operation. In addition there are a number of enhanced safety features including Active Feedback Sensors that will shut down the tool in the event of kickback. As well as soft start, anti-restart & an electric brake that will rapidly stop the wheel rotation for safe user operation.

Related



**GA003G**

**XGT 40V Max**

100 mm (4") BL AFT Cordless Angle Grinder, Anti-Restart Function, Electric Brake, Slide Switch Lock-On

Related



**GA021G**

**XGT 40V Max**

100 mm (4") BL AWS AFT Cordless Angle Grinder, Anti-Restart Function, Electric Brake, Slide Switch Lock-On

Related



**GA027G**

**XGT 40V Max**

100 mm (4") BL AWS AFT Cordless Angle Grinder, Anti-Restart Function, Electric Brake, Paddle Switch



**191V54-1**

**Wheel Guard**

Cutting wheel cover attachment that can be easily attached/detached from Wheel cover for depressed center wheel



**E-10702**

**Abrasive Disc**

Thin cut-off wheel/ Multi material/ Flat/ 100x1.2x16mm/ C46T



# The Engine to Twin-Battery Advantage

View online  
makita.in



Electric brake; having electric brake system that engine power cutters do not have

Overload indicator lamp; alerts operator of overload with a red blinking LED

Lock-off button minimizes accidental start up

Wet Guard / IPX4-compatible; High water-resistance allows to operate the machine even if it is wet with water

Max cutting depth: 127mm (5"); 8-10 rebars of ø16 mm (#5) can be cut together in one shot

40Vmax X2 (80Vmax) Cordless 355 mm (14") Power Cutter, Electric Brake



**CE001G**  
Cordless Power Cutter

**E-12996**

**Diamond Wheel**  
Diamond wheel for concrete ideal for 355mm DC Power Cutter.



**D-56998**

**Diamond Wheel**  
Diamond wheel for power cutter concrete segmented Laser Welding Diamond Wheel.



**E-12790**

**Cut-off Wheel**  
355mm Cut-Off Wheel For Power Cutter has 4.3mm thin and designed for cutting metal, such as metal studs and more.



View online  
makita.in



High power delivered by the BL motor designed to best suit XGT battery

High cutting speed (Max 3,000 SPM) with 32 mm stroke length provide high cutting efficiency

Compact & High Power

Vertical crank mechanism minimizes blade deflection & reduces vibration to machine

Toolless blade change; Redesign of blade clamp makes it easier to remove a blade

Constant speed control minimizes reduction in cutting speed under load

**JR001G**  
XGT 40V Max

## The new XGT 40 V Max reciprocating saw impresses

This battery model is a real match for the heaviest corded reciprocating saw we have, the JR3070CT. This is really convincing both in terms of sawing speed (due to the pendulum position for wood) and the low vibration level. The ideal machine for intensive users who want even more than LXT can give.

## Reciprocating Saw Blade

When using a reciprocating saw, choosing the right saw blade is important essential. The saw blade may seem like only a small part of it the whole, but largely determines the end result. With a high-quality saw blade, suitable for the material to be sawn, a perfect saw cut can be achieved quickly and safely. Enough reasons to invest in professional reciprocating saw blades from Makita.

The required saw blade mainly depends on the material to be sawn; for example, there are special saw blades for wood, metal & plastic & stone, but also blades that are suitable for multiple materials. There are also a number of specifications when choosing a suitable saw blade important. First of all, the working length; It is not possible with a saw blade that is too short possible to saw through the material at once. Secondly, the tooth spacing; for example, with a blade with a small tooth spacing, sawing takes longer, but the finish is better. Thirdly, the teeth; reciprocating saw blades with a progressive toothing make it possible to quickly both thin & to cut thicker material. Finally, it is necessary to determine the desired thickness determine the saw blade. A thick saw blade is stable and cuts quickly and straight, a thinner saw blade is more flexible & made to be close, for example to saw a wall.



**B-63591**

**Reciprosaw Blade**

TC Reciprosaw Blade for Aerated Concrete 400x1.5x2TPI



**B-63585**

**Reciprosaw Blade**

TC Reciprosaw Blade for Aerated Concrete 305x1.5x3TPI



**D-51633**

**Reciprosaw Blade**

Metal basic price competitive 18TPI Expand your saw blades collection



**D-51677**

**Reciprosaw Blade**

Metal basic price competitive 24TPI Expand your saw blades collection

# Excellent cutting performance equivalent to 42mL class engine Chain Saws

Tool-less chain adjustment for convenient operation and maintenance

Adjustable automatic chain lubrication with large oil reservoir

Instant start-up Simply load a 40Vmax XGT battery and the saw is ready to use

Cordless for reduced maintenance No need to change engine oil or spark plug, clean air filter or drain fuel for storage

Mechanical brake & electric brake for maximum productivity

Large oil filling port with view window allows operator to easily add and check bar oil level

**UC016G**  
**XGT 40V Max**

View online  
makita.in



H.O.: Makita Power Tools India Pvt. Ltd.  
Unit II Sy. Nos. 93/3 & 93/4, Koralur village,  
Kasaba Hobli, Hoskote Taluk, Bengaluru - 560067  
Tel: +91-80-2205-8200  
Email: info@makita.in Website: www.makita.in

Follow us on Social Media

