



**TD002G**

**Cordless Impact Driver**

Powered by 40V MAX XGT Li-ion battery



Max Fastening  
Torque

**220**  
N·m

**Work Amount**

on a full battery charge BL4025

approx **310** pcs

Drove 120mm coarse thread  
screws into melapi wood

**XGT**  
**40V** Li-ion  
max

**BL**  
MOTOR **XPT**



**BL  
MOTOR**



**4-speed  
power selection**



**MAX [4] 4,600 min<sup>-1</sup>**

Driving screws to underwork materials, tightening long screws or bolts.

**HARD [3] 3,600 min<sup>-1</sup>**

Example of application: Driving screws to underwork materials, tightening bolts.

**MEDIUM [2] 2,600 min<sup>-1</sup>**

Example of application: Driving screws to finishing boards or plaster boards.

**SOFT [1] 1,400 min<sup>-1</sup>**

Example of application: Tightening sash screws or small screws such as M6.

## Dual Spring Technology

Optimal impact blow suppresses increase in recoil and vibration, which occur after the tool starts impact blow.



The hammer is designed to be driven by a dual spring unit consisting of two types of springs with different load capacities.

### INCREASED SCREW TIGHTENING SPEED



when compared with TD003G and TD001G



## 6 ASSIST MODES



### WOOD MODE

**4,600 min<sup>-1</sup>**

**PURPOSE** Tightening long screws

This mode helps to prevent a screw from falling at the beginning of driving.

The tool drives a screw with low-speed rotation at first. After the tool starts to impact, the rotation speed increases and reaches the maximum speed.



### TEKS SCREW (THIN METAL)

**PURPOSE** Driving self-drilling screws to a thin metal plate with good finish

This mode helps to prevent the screws from over-tightening. It also accomplishes quick operation and good finish at the same time.

The tool drives a screw with high-speed rotation and stops soon after the tool starts to impact.

### TEKS SCREW (THICK METAL)

**2,600 min<sup>-1</sup>**

**PURPOSE** Driving self-drilling screws to a thick metal plate with good finish

This mode helps to prevent the screws from breakage and stripping. It also accomplishes quick operation and good finish at the same time.

The tool drives a screw with high-speed rotation and slows down the rotation when the tool starts to impact.



### BOLT MODE

**PURPOSE** Clockwise: Preventing over tightening of bolts. / Counterclockwise: Loosening bolts

#### Bolt Mode 1

**4,600 min<sup>-1</sup>**

**Clockwise:**

The tool stops automatically as soon as it has started impact blows.

**Counterclockwise:**

The impact force is 2. The tool stops automatically as soon as it has stopped impacting.

#### Bolt Mode 2

**4,600 min<sup>-1</sup>**

**Clockwise:**

The tool stops automatically approximately 0.3 second later from the moment that the tool has started impact blows.

**Counterclockwise:**

The impact force is 4. The tool stops automatically as soon as it has stopped impacting.

#### Bolt Mode 3

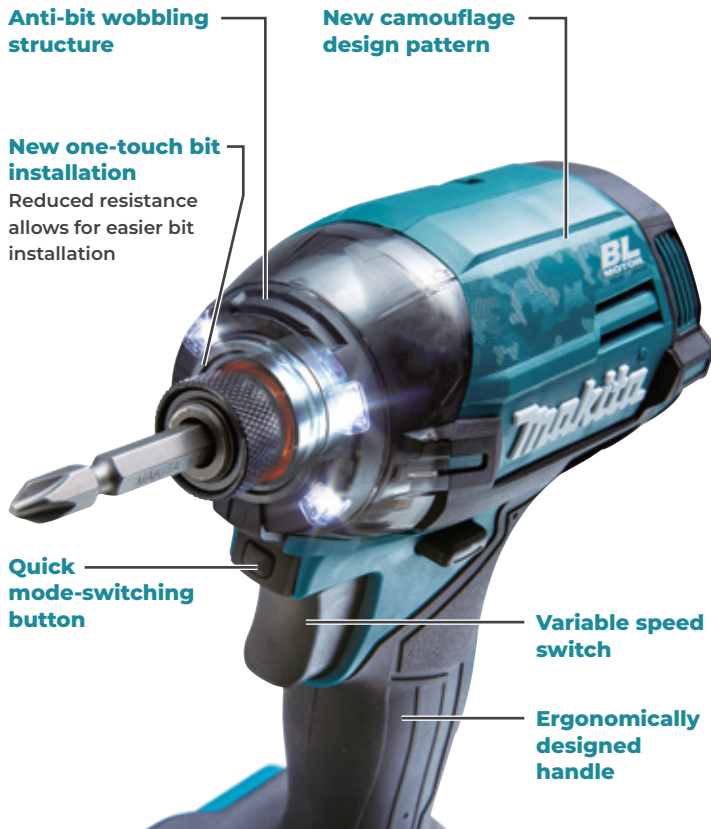
**4,600 min<sup>-1</sup>**

**Clockwise:**

The tool stops automatically approximately 1 second later from the moment that the tool has started impact blows.

**Counterclockwise:**

The tool slows down the rotation after it has stopped impacting.



## 4 LEDs on the front of tool head



- Brighter illumination on the workpiece obtained by:
  - locating 4 LEDs on the front of tool head
  - reducing projections that project from both sides of tool head and body
- Higher visibility of the workpiece achieved by using a newly designed LED lens to make the shadow of bit lighter
- With preglow and afterglow functions
- 3 brightness settings



### Light mode

- To turn on the light, set F/R change lever in the neutral position and pull the switch trigger. To turn off the light, pull the switch trigger again.
- The light turns off automatically one hour after turned on

# XPT

eXtreme Protection Technology



## SPECIFICATIONS

Capacity	Machine screw: M4 - M8 / Standard bolt: M5 - M16 / High strength bolt: M5 - M14 / Coarse thread (in length): 22 - 125 mm
Hex shank	6.35 mm (1/4")
No load speed (RPM)	Max / Hard / Med. / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / T (1) / T (2) mode: 0 - 3,700 / 0 - 3,200 / 0 - 2,100 / 0 - 1,100 / 0 - 1,800 / 0 - 2,700 / 0 - 3,700 / 0 - 3,700 / 0 - 2,900 / 0 - 3,700
Impacts per minute (IPM)	Max / Hard / Med. / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / T (1) / T (2) mode: 0 - 4,600 / 0 - 3,600 / 0 - 2,600 / 0 - 1,400 / 0 - 4,600 / - / 0 - 4,600 / 0 - 4,600 / - / 0 - 2,600
Fastening torque	Hard / Med. / Soft: 170 / 50 / 20 N·m
Max fastening torque	220 N·m
Vibration level	Impact tightening of fasteners of the maximum capacity of the tool: 12.9 m/s <sup>2</sup>
Sound pressure level	94 dB(A)
Sound power level	105 dB(A)
Dimensions (L x W x H)	119 x 86 x 252 mm (with BL4040)
Net weight	0.99 kg (without battery)

**Standard Equipment:** Belt Clip.

Variable Speed
 Brake
 Reversing
 Electronic 4-Speed
 Constant Speed
 Built-in Job Light

## VARIANTS

## Battery

## Charger

## Carry Case

TD002G Z01

NO

NO

NO



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