



# Cordless Impact Driver DTD172

### Impact force change with one hand

The level of impact force changes every time you press the quick mode-switching button while holding the grip.



### Memory function of impact mode is equipped.

If any two modes are registered in advance, you can switch to your desired mode by just pressing quick mode-switching button.



### 4-stage impact power selection

Max / Hard / Medium / Soft

No load speed / Impacts per min  
 Max: 0 - 3,600 / 0 - 3,800  
 Hard: 0 - 3,200 / 0 - 3,600  
 Medium: 0 - 2,100 / 0 - 2,600  
 Soft: 0 - 1,100 / 0 - 1,100



### Accessories

#### Tool hanger set

Part No. 197043-2



enables to hook the machine quickly on a snap hook of waist belt.

### Charging Time

Model / Capacity	Fast Charging		
	DC18RC	DC18RD	DC18SD
BL1815N 1.5Ah 196449-1	15 min		30 min
BL1820B 2.0Ah 197254-9	24 min		45 min
BL1830B 3.0Ah 197599-5	22 min		60 min
BL1850B 5.0Ah 197280-8	45 min		110 min
BL1860B 6.0Ah 197422-4	55 min		130 min



# King of Impact

Max. fastening torque  
**180 N·m**

Overall length  
**114 mm**

### Cordless Impact Driver

#### DTD172

Variable Speed	Capacity	Machine Screw: M4 - M8 (5/32 - 5/16") Standard Bolt: M5 - M16 (3/16 - 5/8") High Strength Bolt: M5 - M14 (3/16 - 9/16") Coarse thread (in length): 22 - 125 mm (7/8 - 4-7/8") 6.35 mm (1/4")
Brake	Hex Shank	Max / Hard / Mid / Soft / Wood / Bolt / T (1) / T (2) mode: 0 - 3,600 / 3,200 / 2,100 / 1,100 / 1,800 / 3,600 / 2,900 / 3,600
Reversing	No Load Speed (RPM)	Max / Hard / Mid / Soft / Wood / Bolt / T (2) mode: 0 - 3,800 / 3,600 / 2,600 / 1,100 / 3,800 / 3,800 / 2,600
Electronic 4-Speed	Impacts Per Minute (IPM)	180 N·m (1,590 in.lbs.)
Built-in Job Light	Max Fastening Torque	Hard / Mid / Soft: 170 / 50 / 20 N·m (1,510 / 440 / 180 in.lbs.)
Carrying Case	Fastening Torque	Impact tightening of fasteners of the maximum capacity of the tool: 13.5 m/s <sup>2</sup>
	Vibration Level	97 dB(A)
	Sound Pressure Level	108 dB(A)
	Sound Power Level	w/o Battery: 114 x 81 x 189 mm (4-1/2 x 3-3/16 x 7-7/16")
	Dimensions (L x W x H)	w/ BL1830B / BL1850B / BL1860B: 114 x 81 x 236 mm (4-1/2 x 3-3/16 x 9-1/4")
	Net weight	1.2 - 1.5 kg (2.6 - 3.3 lbs.)

Standard Equipment : Phillips Bit, Belt Clip, Battery, Charger

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table. Items of standard equipment and specifications may vary by country or area.

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PRINTED IN SINGAPORE



# King of Impact

**114** mm Overall length

**180** N·m Max. fastening torque



**Anti-bit wobbling structure**  
Two ball bearings are used to securely hold the anvil for reduced bit wobbling.

## Slim tool body

Tool head slimmer than Predecessor model enables easier screwdriving in tight corners or confined spaces.

## New one-touch bit installation

- Reduced resistance allows for easier bit installation.
- Designed to hold the bit more securely.



## 4 Assist modes

**Wood** Tightening long screws.

No load speed / Impacts per min  
0 - 1,800 / 0 - 3,800



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

**Bolt** Loosening bolts.

No load speed / Impacts per min  
0 - 3,600 / 0 - 3,800



This mode helps to prevent a bolt from falling off.

**T1** Teks screw thin metal  
Driving self-drilling screws to a thin metal like a metal stud.

No load speed / Impacts per min  
0 - 2,900 / -



The tool stops rotating soon after impact starts.

**T2** Teks screw thick metal  
Driving self-drilling screws to a thick metal plate with good finish.

No load speed / Impacts per min  
0 - 3,600 / 0 - 2,600

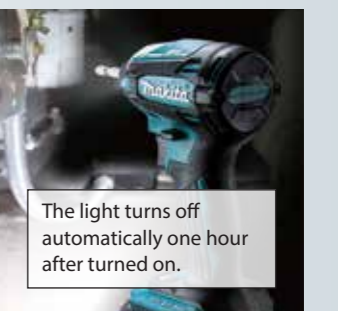


This mode helps to prevent the screws from breakage and stripping.

## 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.
- This mode enables to use DTD172 as a handy light on dark job sites.

Left and right twin LED job lights with preglow and afterglow functions



The light turns off automatically one hour after turned on.