

## Increased performance in wood drilling in high speed mode

Able to drill up to  $\varnothing 12\text{mm}$  hole due to the efficient energy production of BLDC motor that suppresses the temperature rise

**One-touch bit installation**  
No need to pull bit sleeve for bit installation

**Phosphorescent bumper**



**LED Job light**  
with pre-glow/afterglow functions



**Torsion screw bit (Option)**



Last Longer!  
New generation screw bit ideal for continuous high torque fastening with Impact Drivers.



Photo: BTP141

**Ergonomically designed handle and Rubberized soft grip** provides comfortable grip and more control while minimizing hand fatigue and pain.

**Compact belt clip** can be held in commercial tool holders generally available in the market.

### Battery

**for BTP141:**  
Higher capacity  
BL1830 18V-3.0Ah



Lightweight  
BL1815 18V-1.3Ah



**for BTP131:**  
Higher capacity  
BL1430 14.4V-3.0Ah



Lightweight  
BL1415 14.4V-1.3Ah



### Charger

**DC18RC / DC18RA**  
Charging time  
BL1815, BL1415  
: 15minutes



Fast Charging

BL1830, BL1430  
: 22minutes



**DC18SD**  
Charging time  
BL1815, BL1415  
: 30minutes



BL1830, BL1430  
: 60minutes

### Cordless 4 Mode Impact Driver BTP141, BTP131

- Variable Speed
- Brake
- Reversing
- Mechanical 2-Speed
- Torque Setting 9
- Built-in Job Light
- Carrying Case



	BTP141	BTP131
<b>Capacity</b>	Steel: 10mm (3/8") Wood: 21mm (13/16") Masonry: 8mm (5/16")	Steel: 10mm (3/8") Wood: 21mm (13/16") Masonry: 8mm (5/16")
<b>Impacts per minute (ipm)</b>	Impact-driver mode (Hard / Medium / Soft) : 0-3,200 / 0-2,400 / 0-1,200 Hammer drill mode (Hi / Lo) : 0-32,400 / 0-8,400	Impact-driver mode (Hard / Medium / Soft) : 0-3,200 / 0-2,400 / 0-1,200 Hammer drill mode (Hi / Lo) : 0-32,400 / 0-8,400
<b>No load speed (rpm)</b>	Impact-driver mode (Hard / Medium / Soft) : 0-2,700 / 0-2,200 / 0-1,300 Drill mode (Hi / Lo) : 0-2,700 / 0-700 Hammer drill mode (Hi / Lo) : 0-2,700 / 0-700	Impact-driver mode (Hard / Medium / Soft) : 0-2,800 / 0-2,200 / 0-1,400 Drill mode (Hi / Lo) : 0-2,800 / 0-700 Hammer drill mode (Hi / Lo) : 0-2,800 / 0-700
<b>Max. fastening torque</b>	Screwdriver mode (Hi / Lo) : 0-1,100 / 0-300 Impact-driver mode : 150N.m (1,330in.lbs)	Screwdriver mode (Hi / Lo) : 0-1,100 / 0-300 Impact-driver mode : 145N.m (1,280in.lbs)
<b>Dimensions (L x W x H)</b>	Drill mode (Hard / Soft) : 22 / 13N.m (195 / 115in.lbs) 171x79x233mm (6-3/4"x3-1/8"x9-1/8") with BL1815 171x79x250mm (6-3/4"x3-1/8"x9-7/8") with BL1830	Drill mode (Hard / Soft) : 21 / 12N.m (186 / 106in.lbs) 171x79x233mm (6-3/4"x3-1/8"x9-1/8") with BL1415 171x79x250mm (6-3/4"x3-1/8"x9-7/8") with BL1430
<b>Net Weight</b>	1.6kg (3.5lbs) with BL1815 1.8kg (3.9lbs) with BL1830	1.5kg (3.3lbs) with BL1415 1.7kg (3.7lbs) with BL1430

Standard Equipment Fast Charger, Battery Cartridge

\*weight according to EPTA-Procedure 01/2003 Items of standard equipment and specifications may vary by country or area.

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Cordless 4 Mode Impact Driver  
BTP141 / BTP131

Satisfy Professional's Needs



# 4 Operation Modes PLUS

Teks screw mode with Electronic Clutch Mechanism



18V  
LITHIUM-ION

BTP141

14.4V  
LITHIUM-ION

BTP131



Tool does not come with bit.

# More Compact Design

achieved by using BLDC motor and electronic clutch mechanism.

Mechanical 2-speed  
(High & Low)



Photo: BTP131

Predecessor model 186mm  
BTP141/BTP131 171mm

Low torque warning function prevents undertightening.



LED Light blinks when the battery capacity drops to cause 20% difference between preset and actual fastening torque. (This function works in screwdriver mode only.)

4 Operation modes for ultimate versatility

- Impact driver (3-speed)
- Hammer drill (2-speed)
- Drill (2-speed)
- Screwdriver (2-speed) able to drive Teks screw

## Enhanced impact driver mode

Max. fastening torque  
**150N.m** | **145N.m**  
BTP141 (18V) | BTP131 (14.4V)

## Brushless DC motor

- Maintenance-free due to no brush
- Energy production is more efficient than brushed DC motor because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.
- More work amount on a single full battery charge
- Durable against continuous long operation

# BL MOTOR



# 4 Operation modes and Teks screw mode selection

Easier mode selection and higher durability of the selection mechanism

**Impact driver**  
(3-speed)

High speed fastening of bolts and screws



Impact power selection  
Hard/ Medium/ Soft

**Hammer drill**  
(2-speed)

Drilling pilot holes in concrete



**Drill**  
(2-speed)

Drilling holes in wood and metal



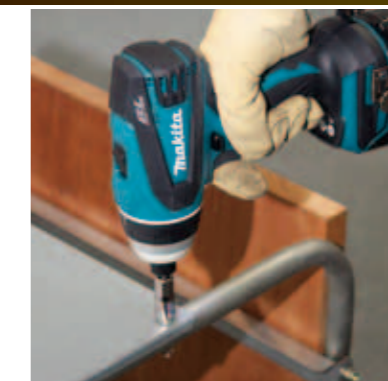
**Screwdriver** (2-speed)

Driving small diameter screws

Electronic Clutch Mechanism provides expanded torque range of 0.7 - 12.0N.m for a wide range of applications.



+ High **0.7N.m**  
approx.



+ Low **12N.m**  
approx.



Electronic Clutch Mechanism enables to drive Teks screw at 2,300rpm in high speed mode.

+ High or Low

Tool does not come with bit and socket.

Independent off switch for LED Job light

Selection Switch



A: 3 stage impact power selection

B: 9 stage clutch torque settings and Teks screw mode selection

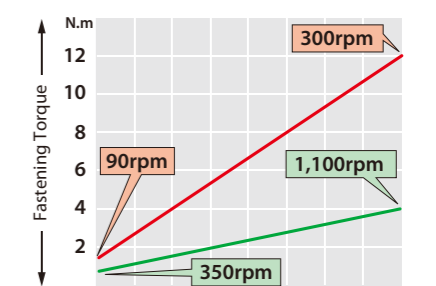
Battery fuel gauge

The power remaining in the battery can be indicated in 3 stages simply by pulling the trigger switch:

- 3 lights on: more than 50% of full battery capacity
- 2 lights on: 20% to 50% of full battery capacity
- 1 light on: less than 20% of full battery capacity

The Number on the Digital Display and Corresponding Fastening Torque

(The Torque When Clutch Is Disengaged=Max. clutch torque)



← The number on the digital display →