

# High power-to-weight ratio obtained by employing 4-pole motor



### One-touch bit installation

No need to pull bit sleeve for bit installation

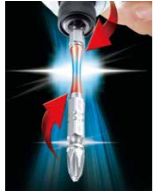
### Phosphorescent bumper

### LED Job light with pre-glow and afterglow functions

- On pulling switch trigger, the light automatically turns on before motor starts turning.
- keeps on illuminating about 12-13 sec. after trigger release.

### Torsion screw bit (Option)

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



### Tool hanger S (Option)

Part No. 195927-8

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



### Charger

#### DC18RA / DC18RC

Charging time  
BL1815: 15minutes  
BL1830: 22minutes

### Battery

#### for DTD146:

Higher capacity  
BL1830 18V-3.0Ah

Lightweight  
BL1815 18V-1.3Ah



#### DC18SD

Charging time  
BL1815: 30minutes  
BL1830: 60minutes

### Ergonomically designed handle Rubberized soft grip

provides comfortable grip and more control while minimizing hand fatigue and pain.

### Redesigned, compact belt clip

can be held in commercial tool holders generally available in the market.

### Battery Protector S (Option)

designed to protect the battery cartridge from dust and dripping water in outdoor applications or harsh environments.



for 18V-DTD146:  
Part No. 195798-3

Photo: DTD146

### Performance Comparison

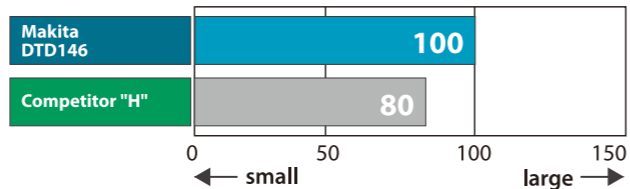
Numbers in the chart below are relative values when the capacities of DTD146 are indexed at 100.

Note:

- 1) The test tools were powered by a 18V 3.0Ah Li-ion battery.
- 2) The test results depend to a great extent on the hardness of the material, etc.

#### Drove 90mm coarse thread screw into melapi.

Work amount (on a single full battery charge)



## Cordless Impact Driver

- Variable Speed
- Brake
- Reversing
- Built-in Job Light
- Carrying Case



## DTD146RFE, DTD146SYE, DTD146Z

Battery Capacities	18V Li-Ion
Hex Shank	1/4" Hex
No Load Speed	0 - 2,300 RPM
Impacts Per Minute	0 - 3,200 IPM
Maximum Torque	1,420 in. lbs. (160 Nm)
Overall Length	5-7/16" (138 mm)
Net Weight	3.3 lbs. (1.5 kg)

DTD146RFE Standard Equipment: Two 18V (3.0 Ah) Li-Ion Batteries BL1830 (194205-3), Charger (DC18RC), Hook (346449-3), Plastic Carrying Case (824812-5)

DTD146SYE Standard Equipment: Two 18V (Compact) Li-Ion Batteries BL1815N (196235-0), Charger (DC18SD), Hook (346449-3), Plastic Carrying Case (824812-5)

DTD146Z Standard Equipment: Tool Only. Batteries and Charger Sold Separately. Hook (346449-3)



## Cordless Impact Driver DTD146RFE / DTD146SYE DTD146Z



# Enhanced

dust and drip-resistant performance



DTD146RFE  
DTD146SYE  
DTD146Z



BTD134  
Not Available  
in Canada

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The above pictures do not mean to ensure the products are perfectly durable against dust and water, though they are designed to prevent dust and water ingress.



Drip-resistant

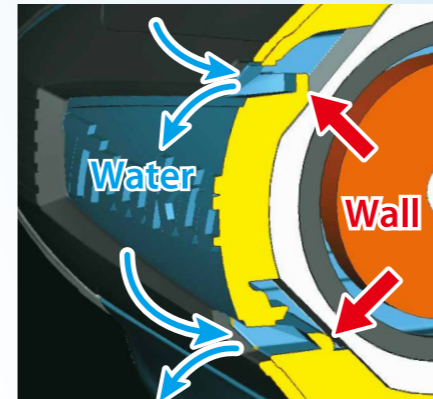
INCREASED DURABILITY

Dust-resistant



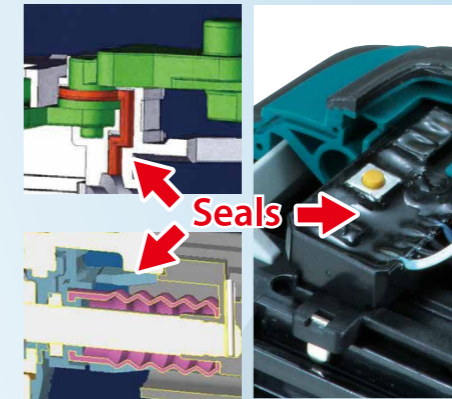
## NEW PROTECTION TECHNOLOGY

For use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced compared with existing model.



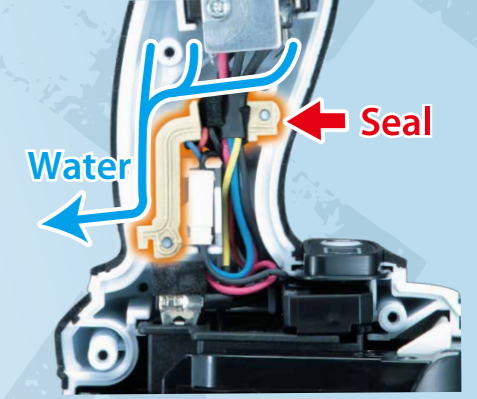
### Tech.1

Dripping water and dust cannot enter easily. Since the wall is prepared in a vent, water and dust are not made to enter easily.



### Tech.2

Even if water enters in further, it blocks with a rubber seals.



### Tech.3

Moreover the water which has entered is discharged outside.

## MORE COMPACT

138mm  
(5-7/16")



Predecessor model

Lightweight

1.3kg\* 18V:DTD146  
(2.8lbs)

\*weight according to EPTA-Procedure 01/2003

## MORE POWERFUL

Max fastening torque:  
18V:DTD146 -160N.m



### Battery fuel gauge

The power remaining in the battery can be indicated in 3 stages simply by pushing a button.

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

