



Cordless Oil-Impulse Driver DTS141



Phosphorescent bumper

LED Job light with pre-glow and afterglow functions

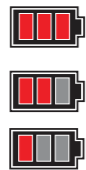
- On pulling switch trigger, the light automatically turns on before motor starts turning.
- Keeps on illuminating about 12-13 sec. after trigger release.
- With a manual on-off switch for the activation system



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



Variable speed control by trigger

Ergonomically designed handle with soft grip

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

Belt clip

Battery Protector S (Option)

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



for 18V DTS141:
Part No. 195798-3

Photo: DTS141
Tool does not come with bit.

Battery

- DTS141**
- BL1850: 5.0Ah
 - BL1840: 4.0Ah
 - BL1830: 3.0Ah
 - BL1820: 2.0Ah
 - BL1815N: 1.5Ah
 - BL1815: 1.3Ah

Charger

- DC18RC**
- Two Port Multi Fast Charger DC18RD**
- Charging time (3.0Ah) 22minutes**
- DC18SD**
Charging time (3.0Ah) 60minutes
- Four Port Multi Charger DC18SF**
Charging time (3.0Ah)
1 to 2 batteries : 60minutes
3 to 4 batteries : 120minutes
- DC18SE (Automotive)**
Charging time (3.0Ah) 60minutes



Suitable for noise sensitive job site

Low Noise
75 dB (DTS131)

Max. fastening torque
40 N·m

Photo: DTS141
Tool does not come with bit.

Cordless Oil-Impulse Driver DTS141 / DTS131

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

Standard Equipment :
Fast charger, Battery cartridge
Tool does not come with bit.

	DTS141	DTS131
Capacity	Machine screw : M4 - M8 (5/32" - 5/16") Standard bolt : M5 - M8 (3/16" - 5/16") Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")	M4 - M8 (5/32" - 5/16") M5 - M8 (3/16" - 5/16") 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	Hard / Medium / Soft : 0-2,700 / 0-2,200 / 0-1,400	0-2,700 / 0-2,200 / 0-1,400
No load speed (rpm)	Hard / Medium / Soft : 0-3,200 / 0-2,000 / 0-1,200	0-3,200 / 0-2,000 / 0-1,200
Max. fastening torque	40N·m (355in.lbs)	40N·m (355in.lbs)
Dimensions (L x W x H)	BL1850, BL1840, BL1830: 136x79x240mm (5-3/8"x3-1/8"x9-1/2")	BL1850, BL1840, BL1830: 136x79x240mm (5-3/8"x3-1/8"x9-1/2")
Net weight	BL1850, BL1840, BL1830: 1.5kg (3.2lbs)	BL1850, BL1840, BL1830: 1.5kg (3.2lbs)

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



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SOFT IMPACT



Using newly-developed Oil Unit as an impact mechanism instead of anvil and hammer, operation noise has been greatly reduced compared with cordless impact driver.

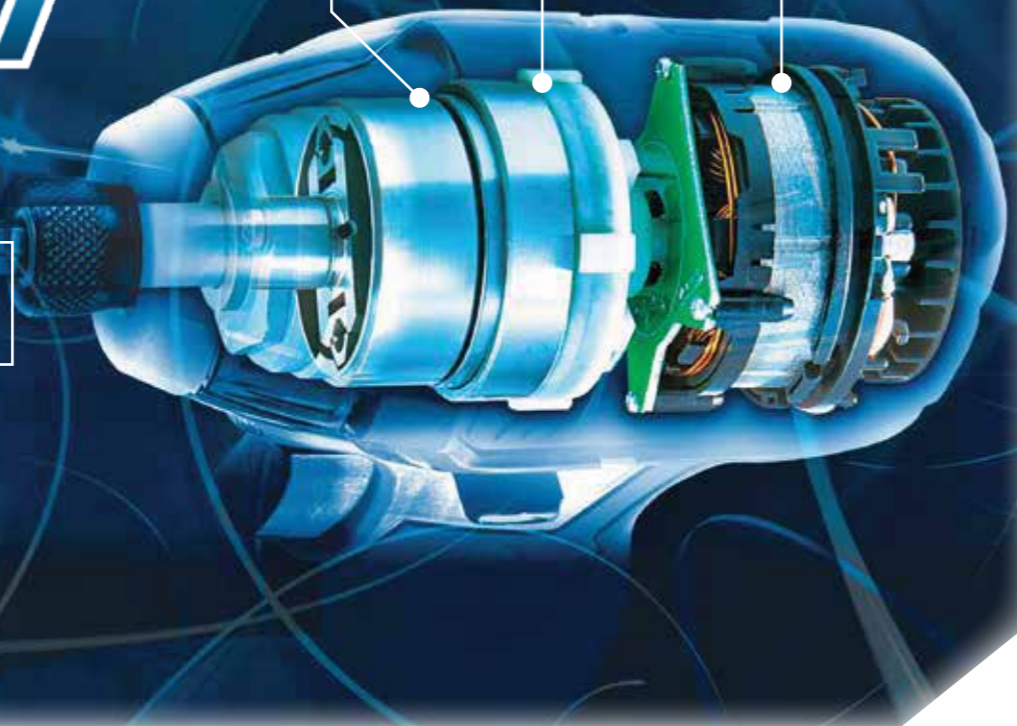
**SOFT
IMPACT**

Oil unit Gear Brushless motor

**BL
MOTOR**

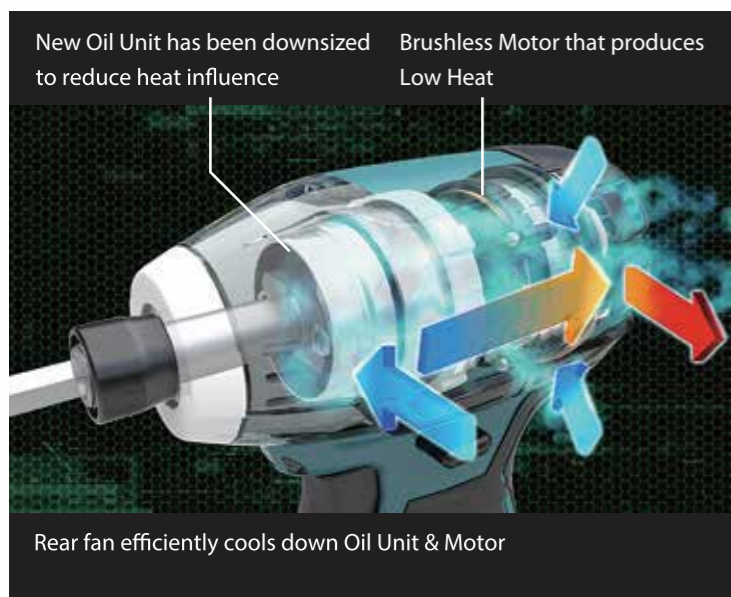
Low Noise

75 (DTS131) **dB**
(DTS141 : 77dB)



Enables "Consecutive Fastening" at high speed.

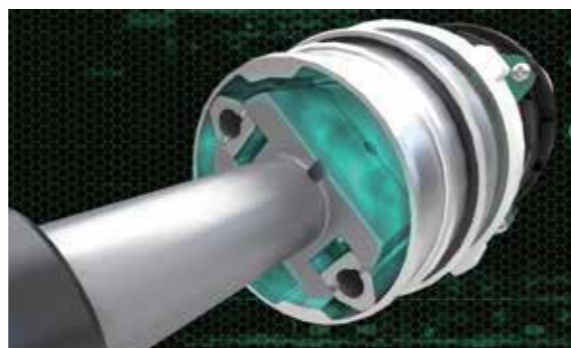
Drastically reduces influence from Heat



Rear fan efficiently cools down Oil Unit & Motor

Smooth Fastening!

Small Reaction that prevents hands from swinging



2 impacts per 1 RPM prevents a driver bit from easily coming out

World's Shortest & Lightest among Cordless Oil-pulse Drivers

*As of August 2014



Lightweight
1.2kg
(2.7lbs)
18V with Battery BL1820

**BL
MOTOR**

Photo: DTS141

"T" mode: Tightening mode for self-drilling screw

T-mode is a special mode optimum for fast tightening of self drilling screws without damaging the screw and the workpiece.

	DTS141	DTS131
Impacts per minute (ipm)	Hard: 0-2,700	0-2,400
	Medium: 0-2,200	0-2,200
	Soft: 0-1,400	0-1,400
No load speed (rpm)	Hard: 0-2,700	0-2,600
	Medium: 0-2,100	0-2,000
	Soft: 0-1,000	0-900



Electronic 3 stage impact power selection

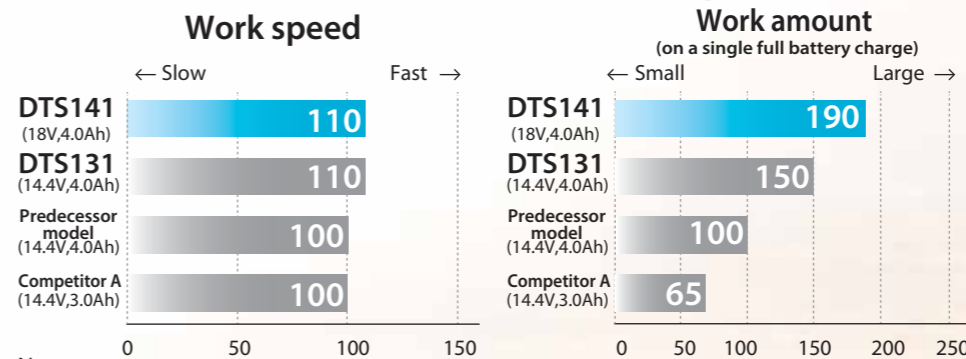
In order to reduce fault tightening, hard/medium/soft impact power can be selected to the material of workpiece or screw type simply by pushing a button.



Performance Comparison

Test conditions :
Numbers in the charts below are relative values when the capacities of The predecessor model is indexed at 100.

Drove 90mm coarse thread screw into melapi



Note :

1) The test results depend to a great extent on the hardness of the material, etc.

XPT
EXTREME PROTECTION TECHNOLOGY

Dust and drip-proof performance is enhanced for use in outdoor applications or harsh environments.