

**Makita**<sup>®</sup>

# 18V Sub-Compact Brushless 3/8" Impact Wrench

DTW180



***SUB-COMPACT***  
***BRUSHLESS***

**Makita**<sup>®</sup>

**SUB-COMPACT**  
**BRUSHLESS**

**Most compact. Lightest weight. 18V Compatibility.**

Experience a new class in cordless with 18V LXT Sub-Compact Brushless tool. Sub-Compact tools are the most compact and lightest weight in the 18V category, so users get 12V Max handling with the compatibility of the world's largest 18V system.



# Product Objectives

- Develop a Sub-Compact impact wrench that is the most compact and lightest weight in the 18V category, get 12V Max handling with the compatibility of the world's largest 18V system.
- Designed for mechanics, plumbers, manufacturing, building, HVAC and fabrication



# Product Overview



Brushless Motor

Twin LED Joblight



Variable speed trigger

Reverse rotation mode

2 stage impact selection

# Product Specification Sheet



Max. capacities standard bolt	M8-M16
Max. capacities high tensile bolt	M6-M12
No load speed	Hard: 0 -2,400rpm / Soft: 0 - 1,300rpm
Impact rate	Hard: 0 - 3,600ipm / Soft: 0 - 2,000ipm
Max. fastening torque	180N.m
Drive shank	9.5mm (3/8") Square
Overall length	144mm
Skin weight	0.9kg
Weight (with battery)	1.5kg
Voltage	18V

- **Twin LED Job light** – with pre-glow and after-glow function to illuminate workpiece
- **Variable speed trigger** – as well as the 2 stage impact selection speed can be controlled via the trigger with the user having optimum control
- **Reverse rotation mode** – when pulling the trigger in reverse rotation mode the wrench will begin to loosen the nut/bolt, when impacting stops the rotation also stops
- **Brushless motor** – powerful brushless motor produces more power and longer runtimes then brushed motors
- **XPT** – enhances the tools dust and drip resistance, for use in harsh outdoor environments
- **2 stage impact selection** – power selection can easily be selected by pushing a button, in order to selected the appropriate power for the work piece

# Advantages

## Innovation



Reverse Rotation Stop

## Convenience



2 stage impact selection

## Performance








Brushless motor delivering 180N.m

## Compact








Ultra compact and ergonomic design at only 144mm and 1.5 kg

# Our Range

	DTW1001	DTW1002	DTW800	DTW285	DTW180
					
Max. capacities standard bolt	M12 - M30	M12 - M30	M12 - M24	M10 - M20	M8-M16
Max. capacities high tensile bolt	M10 - M24	M10 - M24	M10 - M22	M10 - M16	M6-M12
No load speed	Hard: 0 - 1,800rpm / Med: 0 - 1,000rpm / Soft: 0 - 900rpm	Hard: 0 - 1,800rpm / Med: 0 - 1,000rpm / Soft: 0 - 900rpm	Hard: 0 - 1,800rpm / Med: 0 - 1,000rpm / Soft: 0 - 900rpm	Hard: 0 - 2,800rpm / Med: 0 - 2,100rpm / Soft: 0 - 1,600rpm	Hard: 0 - 2,400rpm / Soft: 0 - 1,300rpm
Impact rate	Hard: 0 - 2,200ipm / Med: 0 - 2,000ipm / Soft: 0 - 1,800ipm	Hard: 0 - 2,200ipm / Med: 0 - 2,000ipm / Soft: 0 - 1,800ipm	Hard: 0 - 2,200ipm / Med: 0 - 2,000ipm / Soft: 0 - 1,800ipm	Hard: 0 - 3,500ipm / Med: 0 - 2,600ipm / Soft: 0 - 1,800ipm	Hard: 0 - 3,600ipm / Soft: 0 - 2,000ipm
Max. fastening torque	1,050N.m	1,000N.m	800N.m	280N.m	180N.m
Drive shank	19mm 3/4" Square	12.7mm (1/2") Square	11.2mm (7/16") Hex	12.7mm (1/2") Square	9.5mm (3/8") Square
Overall length	229mm	229mm	229mm	147mm	144mm
Skin weight	3.1kg	3.0kg	3.1kg	1.1kg	0.9kg
Weight (with battery)	3.7kg	3.6kg	3.7kg	1.7kg	1.5kg
Voltage	18V	18V	18V	18V	18V

# Accessories

Standard Accessories		
	346317-0	Belt Clip

Optional accessories		
	BL1815N to BL1860B	18v Li-Ion Batteries BL1815N 1.5Ah to BL1860B 6Ah
	DC18RC	240V Fast Charger
	DC18SD	240V Standard Charger
	DC18RD	Dual Port Rapid Charger