

Makita

18V Brushless 1/2" Impact Wrench

DTW300



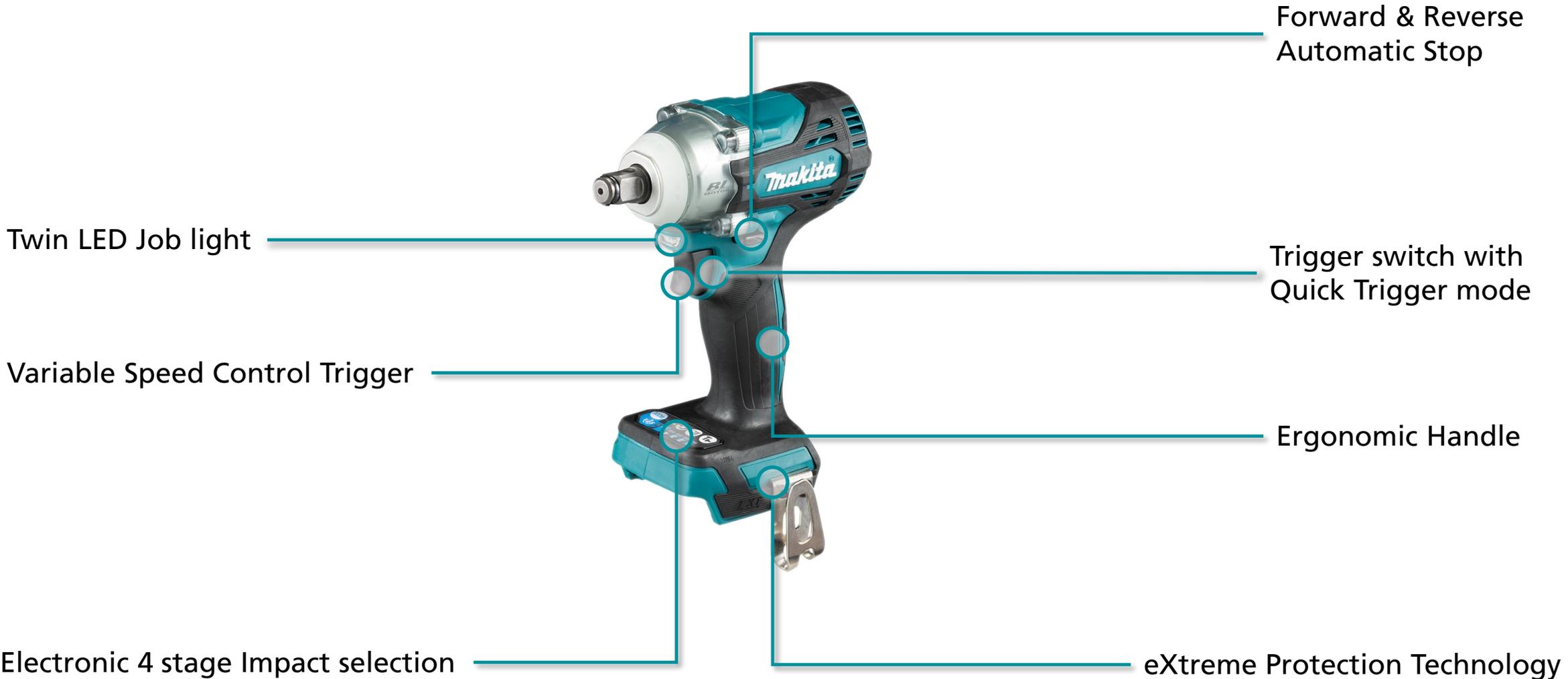
BRUSHLESS

Product Objectives

- Designed to provide a compact yet powerful impact wrench to suit the needs of various trades such as manufacturing technicians, mechanics and fabricators.
- Develop a brushless impact wrenches that is more powerful and more compact than the previous model. Including innovative new technology that increases user productivity



Product Overview



Product Specification Sheet



Max. capacities standard bolt	M10 - M20
Max. capacities high tensile bolt	M10 - M16
No load speed	Max: 0 - 3,200rpm High: 0 - 2,600rpm Med: 0 - 1,800rpm Soft: 0 - 1,000rpm
Impact rate	Max: 0-4,000ipm High: 0 - 3,400ipm Med: 0 - 2,600ipm Soft: 1,800ipm
Max. fastening torque	Max: 330Nm Hard: 180Nm Medium: 130Nm Soft: 70Nm
Nut busting torque	580Nm
Drive shank	12.7mm (1/2") Square
Overall length	144mm
Skin weight	1.2kg
Weight (with battery)	1.8kg
Voltage	18V

- **Twin LED Job light** – with pre-glow and after-glow function to illuminate workpiece.
- **Variable speed control via trigger** – impact selection speed can be controlled via the trigger providing the user with optimum control.
- **Electronic 4 stage impact selection** – Max/Hard/Medium/Soft impact power can be selected to suit the application, simply by pushing a button.
- **Forward & Reverse Automatic Stop** - Forward & Reverse Automatic Stop, with 6 modes for customized applications for greater control and convenience.
- **Trigger Switch with quick trigger mode** – trigger switch with Quick Trigger mode which engages immediate full speed.
- **Ergonomic Handle** – designed to maximise thrust to the bit as well as increasing control.
- **eXtreme Protection Technology** – enhanced protection from dust and moisture, enabling safe use in outdoor applications and harsh environments.

Advantages

Power



High power in a compact design with 330Nm maximum fastening torque

Innovation



Electronic 4 Stage Impact Selection

Compact



A compact design at 144mm in length and weighing only 1.8kg with battery

Control



Variable Speed Control via trigger & Quick Trigger Mode engaging immediate full speed

Advantages

Forward and Reverse Auto Stop



Rotation Mode	Bolt Mode	Description	Application Example
Forward Rotation	1	The tool stops automatically as soon as it has detected the first impact.	Fastening scaffold Temporary tightening of a small car tire to 80-100Nm
	2	The tool stops automatically 0.5 seconds after the moment it has detected the first impact.	Fastening cable trays Temporary tightening of a standard car tire to 100-120Nm
	3	The tool stops automatically 1.0 second after the moment it has detected the first impact.	Temporary fastening steel beams
Reverse Rotation	1	The tool stops automatically as soon as it has stopped impact blow.	All Loosening applications
	2	The tool stops automatically approximately 0.2 seconds after the moment it has stopped impact.	Dismantling scaffold
	3	The tool automatically slows down to 230min ⁻¹ after the moment it has stopped impact.	Loosening bolt/nut to a desired position

Product Replacement

	DTW300 - NEW	DTW285 - Discontinued
		
Max. capacities standard bolt	M10 - M20	M10 - M20
Max. capacities high tensile bolt	M10 - M16	M10 - M16
No load speed	Max: 0 - 3,200rpm Hard: 0 - 2,600rpm Medium: 0 - 1,000rpm Soft: 0 - 1,000rpm	Hard: 0 - 2,800rpm Med: 0 - 2,100rpm Soft: 0 - 1,600rpm
Impact rate	Max: 0 - 4,000ipm Hard: 0 - 3,400ipm Med: 0 - 2,600ipm Soft: 1,800ipm	Hard: 0 - 3,500ipm Med: 0 - 2,600ipm Soft: 0 - 1,800ipm
Max. fastening torque	Max: 330Nm Hard: 180Nm Medium: 130Nm Soft: 70Nm	Hard: 280Nm Medium: 175Nm Soft: 80Nm
Nut-busting torque	580Nm	400Nm
Drive shank	12.7mm (1/2") Square	12.7mm (1/2") Square
Overall length	144mm	147mm
Skin weight	1.2kg	1.1kg
Weight (with battery)	1.8kg	1.7kg
Voltage	18V	18V

*Fastening torque at 6 seconds after seating, when tightening M16 (grade 10.9) high tensile bolt

Our Range

	DTW1001	DTW1002	DTW300	DTW181	DTW180
					
Max. capacities standard bolt	M12 - M30	M12 - M30	M10 - M20	M8-M16	M8-M16
Max. capacities high tensile bolt	M10 - M24	M10 - M24	M10 - M16	M6-M12	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	Max: 0 - 3,200rpm Hard: 0 - 2,600rpm Medium: 0 - 1,000rpm Soft: 0 - 1,000rpm	Hard: 0 -2,400rpm Soft: 0 - 1,300rpm	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	Max: 0 - 4,000ipm Hard: 0 - 3,400ipm Med: 0 - 2,600ipm Soft: 1,800ipm	Hard: 0 - 3,600ipm Soft: 0 - 2,000ipm	Hard: 0 - 3,600ipm Soft: 0 - 2,000ipm
Max. fastening torque	1,050N.m	1,000N.m	Max: 330Nm Hard: 180Nm Medium: 130Nm Soft: 70Nm	210Nm*	180N.m
Nut-busting torque	1,700N.m	1,600N.m	580Nm	330Nm	310Nm
Drive shank	19mm 3/4" Square	12.7mm (1/2") Square	12.7mm (1/2") Square	12.7mm (1/2") Square	9.5mm (3/8") Square
Overall length	229mm	229mm	144mm	151mm	144mm
Skin weight	3.1kg	3.0kg	1.2kg	0.9kg	0.9kg
Weight (with battery)	3.7kg	3.6kg	1.8kg	1.5kg	1.5kg
Voltage	18V	18V	18V	18V	18V

*Fastening torque at 6 seconds after seating, when tightening M16 (grade 10.9) high tensile bolt

Accessories

Standard Accessories		
	346317-0	Belt Hook

Optional Accessories		
		<u>1/2" Drive Impact Wrench Sockets</u>
		<u>1/2" Drive Deep Impact Sockets</u>
		<u>1/2" Drive Impact Wrench Socket Sets</u>
		<u>1/2" Impact Socket Extensions</u>
		<u>Deep Impact Socket Accessories</u>
		<u>1/2" Drive Impact Wrench Chuck Adaptors</u>