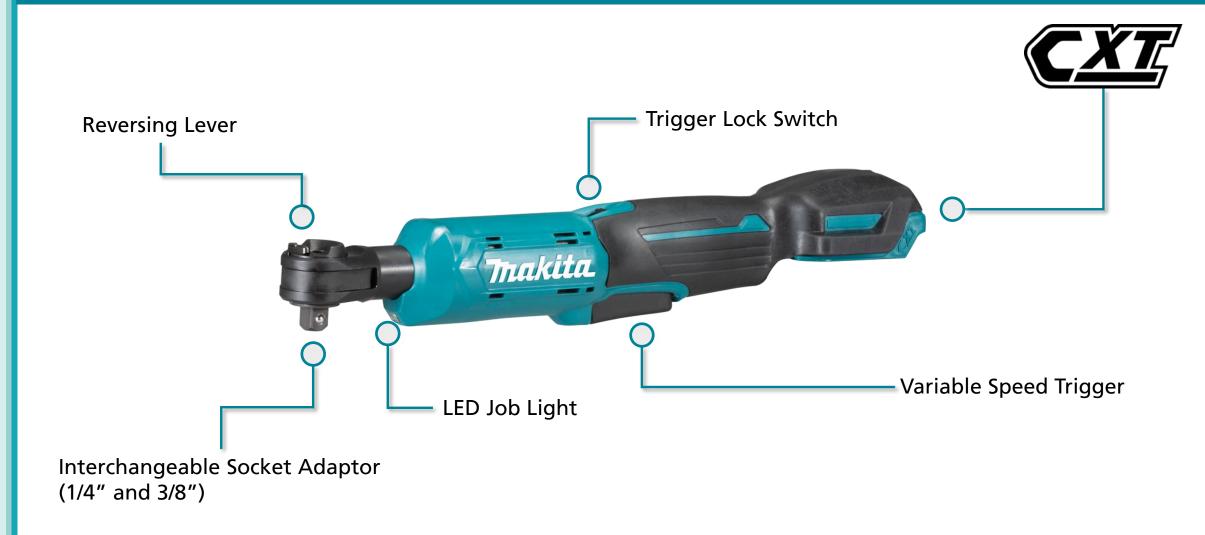


## **Product Objectives**

- Develop a ratchet wrench that is compact and lightweight, ideal for accessing tight spaces
- Primarily designed for mechanics; such as automotive, marine, plant and equipment. Also suitable for manufacturing, building, machinist, HVAC and fabrication



### **Product Overview**



## **Product Specification Sheet**



Max. capacities standard bolt	M5 - M12
Max. capacities high tensile bolt	M5 - M10
No load speed	0 - 800rpm
Max. fastening torque	47.5Nm
Drive shank	6.35mm (1/4") Square 9.5mm (3/8") Square
Overall length	341mm
Skin weight	1.0kg
Weight (with battery)	1.2kg
Voltage	12V Max

- Interchangeable Socket Adaptor Standard with 1/4" & 3/8" socket adaptor and can be used as a pass-through ratchet wrench for tightening 13mm nut
- Reversing Lever Turn the reversing lever left for clockwise direction or to the right for anticlockwise rotation
- Trigger Lock Prevent the trigger from being accidentally pulled
- Variable Speed Trigger Trigger has been designed so that the speed is easily controlled by the trigger
- **LED Job Light** With pre-glow and after glow function, lights up the work piece making it easier to view the work area
- Hand Tool Can use the tool as a hand ratchet wrench; when loosening a stiff bolt/nut, loosen it by hand first and then turn the tool on
- CXT Compact eXtreme Technology Ultra compact and lightweight design allows user to comfortably handle the tools for extended periods of time.

## Advantages

#### **Efficiency**



Interchangeable socket adaptors; 1/4" & 3/8"

#### **Performance**



Can be used as a hand ratchet

#### **Control**



Reversing Lever for clockwise and anticlockwise rotation

#### Convenience



LED job light illuminates work piece

# Our Range TW161D

	TW161D	TW160D	TW141D	TW140D	TW060D	TL065D	WR100D
	BL MOTOR	BI MOTOR		S Tymulation	Traitin		Thankin Commence of the Commen
Max. capacities standard bolt	M8 - M16	M8 - M16	M8 - M16	M8 - M16	M8 - M12	M4 - M12	M5 - M12
Max. capacities high tensile bolt	M6 - M12	M6 - M12	M6 - M12	M6 - M12	M6 - M10	M4 - M8	M5 - M10
No load speed	Hard: 0-2,400rpm Soft: 0-1,300rpm	Hard: 0-2,400rpm Soft: 0-1,300rpm	0-2,600rpm	0-2,600rpm	0-2,600rpm	0-2,000rpm	0 - 800rpm
Impact rate	Hard: 0-3,600ipm Soft: 0-2,000ipm	Hard: 0-3,600ipm Soft: 0-2,000ipm	0-3,200ipm	0-3,200ipm	0-3,200ipm	0-3,000ipm	-
Max. fastening torque	165Nm	160Nm	145Nm	140Nm	60Nm	60Nm	47.5Nm
Drive shank	12.7mm (1/2")	9.5mm (3/8")	12.7mm (1/2")	9.5mm (3/8")	6.35 (1/4")	9.5mm (3/8")	6.35mm (1/4") 9.5mm (3/8")
Overall length	150mm	144mm	168mm	161mm	161mm	380mm	341mm
Skin weight	1.0kg	1.0kg	0.8kg	0.8kg	1.1kg	1.1kg	1.0kg
Weight (with battery)	1.2kg	1.2kg	1.0kg	1.2kg		1.5kg	1.2kg
Voltage	12V Max	12V Max	12V Max	12V Max	12V Max	12V Max	12V Max

## Accessories

Standard Accessories					
	191A50-3	Socket Adaptor 9.5mm (3/8")			
	191A51-1	Socket Adaptor 6.35mm (1/4")			

Optional Accessories					
770-180- GH-871- 8 10 12 13 14 15 17 18 mm mm mm mm mm mm	B-54651	9pc Metric Impact Socket Set – 3/8" Drive			
100 mg/s	P-05963	3/8" Square Drive to 1/4" Hex Drive Adaptor			
	B-55550	14pc Metric Impact Socket Set – 3/8" Drive			