

**Makita**

# 18V x 2 Brushless 350mm Chainsaw

DUC353

18Vx2 ESV + ESV 36V  
**BRUSHLESS**

**Makita**

18Vx2 18V+18V 36V

**BRUSHLESS**

**WHEN POWER MEANS BUSINESS**

When you choose Makita Outdoor Power Equipment, you choose to be part of something bigger. Our complete line up of cordless outdoor solutions will revolutionise the way you work - empowering you with over a century of knowledge and expertise in crafting the world's most reliable tools. With the support of the world's largest 18V cordless system, you can be sure our Power Garden range will get the job done and more - no petrol or cord needed.



# Product Objectives

- Designed to suit the needs of arborist, landscapers, campers and home user
- Develop a brushless 36V (18Vx2) chainsaw with high power and high chain speed utilising a 350mm Bar and Chain



# Product Overview



Main power switch

Variable speed trigger switch

Front hand guard

Metal spike bumper

Automatic chain lubrication

Tool-less chain adjustment



# Product Specification Sheet



Voltage		36V (18Vx2)
Guide bar length		350mm
Saw chain	Type	90PX
	Gauge	1.1mm / 0.043"
	Pitch	3/8"
Chain speed		20m/sec
Oil tank capacity		200mL
Weight:		5.4kg

- **36V (18Vx2)** – powered by two 18V Li-ion batteries the chainsaw is supplied with 36V of power to the brushless drive system
- **Mains power switch** – with auto power off function, automatically turns off the chainsaw after no activity for 1 minute
- **Variable speed trigger switch** – enables the user to have the same control of the trigger as they would the accelerator on a petrol product
- **XPT** – for use in outdoor applications protection from dust and dripping water is enhanced protecting the circuitry
- **Front hand guard** – activates the kickback brake, pushing forward of the front hand guard stops the blade instantly
- **Metal spike bumper** – firmly grips the workpiece to provide more control, making cutting easier
- **Automatic chain lubrication** – the amount of chain oil can be regulated allowing the user to make adjustments based on whether they are cutting hard or soft wood
- **Tool-less chain adjustment** – allows for quick and easy adjustment of the saw chain tension
- **Brushless Motor** – the DUC400 possesses the Makita outer rotor brushless motor direct driver system providing high levels of improved performance

# Advantages

## Performance



Outer rotor brushless motor delivering high levels of improved performance

## Innovation



Unbelievable performance thanks to 36V (18Vx2) technology

## Convenience



Tool-less chain tension adjustment

## Efficiency



Variable speed trigger switch

# Advantages

## Makita's high performance Outer rotor brushless motor

Thanks to the new outer rotor brushless motor the DUC353 is able to produce more power and more efficiency than ever before.

The new design means the stator rotates and the armature remains stationary, making the motor a highly efficient direct drive system

**BL**  
**MOTOR**

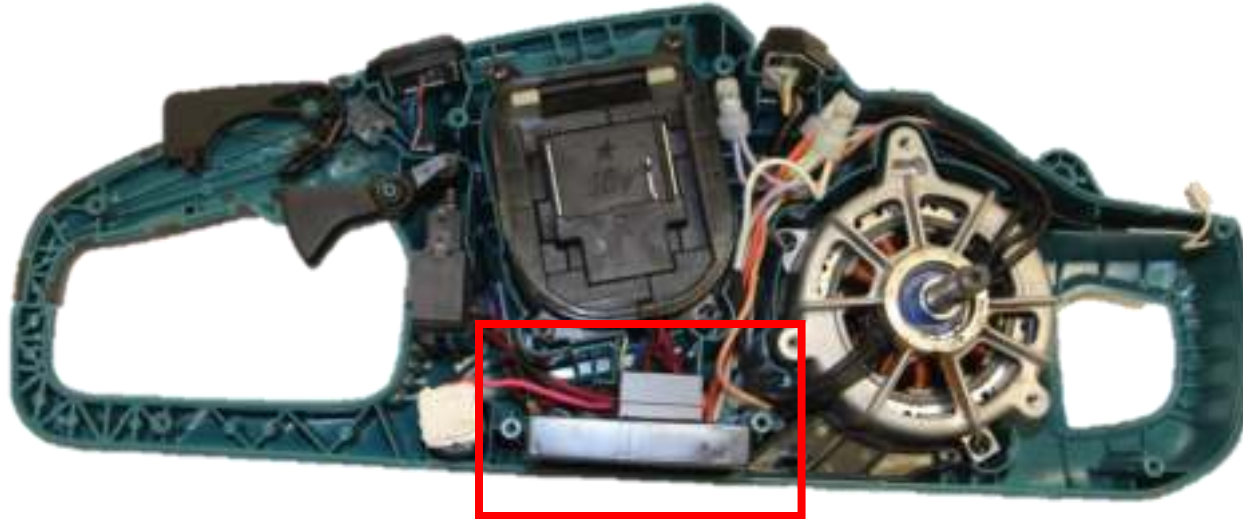


# Advantages

## XPT – eXtreme Protection Technology

This technology has been designed for use in outdoor applications or harsh environments. XPT provides increased protection for the circuitry from dust and dripping water

This is achieved by carefully sealing and protecting internal components so that they stay free from exposure of dust and moisture



Sealed internal circuitry components

**XPT**  
EXTREME PROTECTION TECHNOLOGY



# Advantages





## Tool-less chain tension adjustment

Extendable lever allows for easier chain tightening and can be quickly retracted at any angle




After the bar has been loosened the dial can be turned to tension the saw chain before tightening the lever and locking it back into place





# Our Range

	DUC254	DUC302	DUC353	DUC400
				
Voltage:	18V	18Vx2	18Vx2	18Vx2
Guide bar length:	250mm	300mm	350mm	400mm
Chain speed:	24m/sec	8.3m/sec	20m/sec	20m/sec
Oil tank capacity :	140mL	85mL	200mL	200mL
Motor type	Brushless	Brushed	Brushless	Brushless
Handle type	Top handle	Top handle	Rear handle	Rear handle
Weight: 2x 6.0Ah Batteries	3.2kg	4.7kg	5.2kg	5.4kg

# Accessories

Standard Accessories		
	196741-5	<b>350mm Saw Chain</b> 3/8" LP – 0.043# Semi Chisel 52 C/Link
	165246-6	<b>350mm (14") Sprocket Nose Guide Bar</b>
	952.010.640	<b>Guide bar cover</b>

Optional Accessories		
	BL1815N BL1830B BL1840B BL1850B BL1860B	<b>Batteries</b> 18V Li-Ion – 1.5Ah 18V Li-Ion – 3.0Ah 18V Li-Ion – 4.0Ah 18V Li-Ion – 5.0Ah 18V Li-Ion – 6.0Ah
	DC18SD DC18RC DC18RD DC18SE	<b>Chargers</b> 18vV Standard 240V Charger 18V Rapid 240V Charger 18V Dual Port Rapid 240V Charger 18V Automotive 12-24V Charger

Optional Accessories		
	953.030.010 953.003.090 953.100.040 953.030.040 953.007.000	<b>Sharpening and round files</b> 4mm (5/32") Sharpening File & Guide ( 5/32") Round file only 4mm (5/32") File Guide Bar Clamped Sharpening Jig Stump Vice for Sharpening
	945.900.001 988.070.819 988.070.824 988.070.081 988.070.101	<b>Timber Felling Wedges</b> 140mm Plastic Wedge 200mm Plastic Wedge 250mm Plastic Wedge 215mm Aluminium Wedge 260mm Aluminium Wedge
	C-02001 C-02004	<b>Bar &amp; Chain Oil</b> 1L (QTY: 12 in carton) 4L (QTY: 4 in carton)
	P-76934 P-76940 P-76956 P-76962 P-76978 P-76984	<b>Chain Saw Chaps</b> Small – Buckle Up Medium – Buckle Up Large – Buckle Up Small – Zip Up Medium – Zip Up Large – Zip Up
	SAF600	<b>Safety Helmet</b> Pro Safety Helmet 24dB Ear Muffs & Visor
	66-753	<b>Chain Saw Carry Bag</b> ( with plastic base insert )