



Cordless Chain Saw
DUC254
 250 mm (10")



Lightweight & High Speed Chain

Efficiency equivalent to 23mL class engine chain saw



Accessories

Guide Bar / Saw Chain / Guide Bar Cover

Cutter type: MC : Micro chisel, CC: Chamfer chisel

Guide Bar				Saw Chain						Bar Cover	Drive sprocket	
Bar length	Motor Mount	Type	Part No.	No. of drive links	gauge	pitch	Type OREGON / DOLMAR	Cutter type	Part No.	Part No.	Type	Part No.
25cm/10"	---	Solid carving bar	168407-7	60	1.3mm/.050"	1/4"	25AP / 466	MC	194098-8	452093-7	Sprocket	198259-2
20cm/8"	A041	Sprocket nose bar	161848-6	33	1.1mm/.043"	3/8"LP	90PX / 291	CC	199076-3	458503-2	Sprocket	199063-2
25cm/10"	A041	Sprocket nose bar	161846-0	40					199075-5	452093-7		
25cm/10"	A041	Sprocket nose bar	168408-5	40					1.3mm/.050"	3/8"LP		

File and File holder

For Model : Chain saw *with grip

Saw chain type	Size	File	File and File holder
		Part No.	Part No.
25AP, 91PX, 91VLX, 466, 492, 196	4mm	*744003-1	---
		D953003090	195089-2 D953030010
90PX, 335L, 345L, 291	4.5mm	D953003100	195923-6 D953030020

File handle, Flat file & Depth gauge jointer

For all saw chain

File handle	Flat file	Depth gauge jointer
Part No.	Part No.	Part No.
D953004010	D953003060	D953100090

Chain oil

For all saw chain

Size	Part No.	Size	Part No.
100mL	182229-1	1L	D980008610
1L	195093-1 D988002656	5L	D980008611
5L	D988002658		

BIOTOP Chain oil

For all saw chain

Size	Part No.
1L	D980008610
5L	D980008611

Spike bumper

Part No.
199067-4

Cordless Chain Saw

DUC254 250 mm (10")

Variable Speed	Guide Bar Length	DUC254
Brake	Chain Pitch / Chain Gauge	250 mm (10") 3/8" / 1.1 mm (0.043") 3/8" / 1.3 mm (0.050")
Soft Start	Chain Speed	0 - 24 m/s (0 - 1,440 m/min) (0 - 4,720 FPM)
	Chain Oil Tank Volume	140 mL
	Sound Pressure Level	92.2 dB(A)
	Sound Power Level	103.2 dB(A)
	Vibration Level	Cutting Wood: 3.1 m/s ²
	Dimensions (L x W x H)	w/o Guide Bar: 258x184x191 mm (10-1/8"x7-1/4"x7-1/2") w/ 25 cm (10") 90PX Sprocket Nose Bar: 482x184x191 mm (19"x7-1/4"x7-1/2")
Standard Equipment :	Net weight	2.8 - 3.2 kg (6.2 - 6.9 lbs.)

Saw Chain, Guide Bar, Guide Bar Cover, Wrench, Accessory Bag, Battery, Charger

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table. Items of standard equipment and specifications may vary by country or area.

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Photo: DUC254



Sprocket nose bar

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Max. chain speed

24 m/s

Saw chain: 90px or 91px

Efficiency equivalent to 23mL class engine chain saw



High operating efficiency

Outer Rotor Brushless Motor direct-drive system provides high operating efficiency.



High operability

Chain brake and Variable speed trigger switch provide high operability equivalent to engine chain saw.



Net weight

3.1 kg

with BL1850B
Guide Bar 200mm
Saw Chain 90XP



Cutting work amount

Work volume on a single full battery charge

About 160 cuts



- 50mm cedar timber
- saw chain : 90PX
- Battery : BL1850B

Captive nuts

prevent loss of nut when removing sprocket cover to replace guide bar or saw chain.

Hanging D-ring

Highly efficient cutting

Direct drive of High output BL motor provides high saw chain speed; enabling to cut a workpiece without pushing hard.

- 15% faster than current 22.2mL engine model in cutting a 50mm x 50mm square wood

Torque boost mode

Torque boost mode provides more power for cutting thick branches or hard branches.

- 50% faster than current 22.2mL engine model in cutting a 100mm x 100mm square wood
- It cannot be used when BL1815N or BL1820B is installed.



*Push main power switch for a few seconds until the main power lamp lights up in yellow



Main power switch with auto power-off function



Metal chain catcher



Excellent tool balance



Adjustable automatic chain lubrication



Variable speed trigger switch



Chain oil level window



Extreme Protection Technology