



Cordless Chain Saw
 DUC305/ DUC355/ DUC405 Captive nuts type
 DUC303/ DUC353/ DUC400 Tool-less chain adjustment type
 300mm (12")/ 350mm (14")/ 400mm (16")



Captive nuts type

Tool-less chain adjustment type



Photo: DUC355

300mm (12") DUC305
 350mm (14") DUC355
 400mm (16") DUC405



Photo: DUC353

300mm (12") DUC303
 350mm (14") DUC353
 400mm (16") DUC400

High Power & High Speed

High efficiency equivalent to 30mL class engine chain saws

Optional Accessories

Guide Bar / Saw Chain / Guide Bar Cover

Cutter type: MC : Micro chisel, CC: Chamfer chisel
 *Carving bar **Sprocket nose bar (Micro-Lite)



Guide Bar		Saw Chain						Bar Cover	Filediameter		Drive Sprocket	
Barlength	Part No.	No. of drive links	gauge	pitch	Cutter type	Saw Chain Part No.	Part No.	1st half of top plate	2nd half of top plate	pitch/ No. of teeth	Part No.	
25cm/10"	**168407-7	60	1.3mm/ .050"	1/4"	25AP	MC	194098-8	452093-7	4.0mm	4.0mm	1/4" / 9	198259-2
30cm/12"	**165245-8	46	1.1mm/ .043"	3/8"	90PX	CC	196740-7	419288-5	4.5mm	4.0mm	3/8" / 6	221464-7
30cm/12"	165200-0	46	1.3mm/ .050"	3/8"	91PX	CC	196211-4	419288-5	4.0mm	4.0mm	3/8" / 6	221464-7
35cm/14"	**165246-6	52	1.1mm/ .043"	3/8"	90PX	CC	196741-5	419288-5	4.5mm	4.0mm	3/8" / 6	221464-7
35cm/14"	165201-8	52	1.3mm/ .050"	3/8"	91PX	CC	196212-2	419288-5	4.0mm	4.0mm	3/8" / 6	221464-7
40cm/16"	**165247-4	56	1.1mm/ .043"	3/8"	90PX	CC	196742-3	419242-9	4.5mm	4.0mm	3/8" / 6	221464-7
40cm/16"	165202-6	56	1.3mm/ .050"	3/8"	91PX	CC	196213-0	419242-9	4.0mm	4.0mm	3/8" / 6	221464-7

Depth gauge jointer, File handle & Flat file



Depth gauge jointer	File handle	Flat file
Part No.	Part No.	Part No.
953 100 090	953 004 010	953 003 060

Chain oil & BIOTOP Chain oil



Chain oil		BIOTOP Chain oil	
Size	Part No.	Size	Part No.
100ml	182229-1	1L	980 008 610
1L	988 002 656	5L	980 008 611
5L	988 002 658		

File and File holder



Size	Sawchain type	File	File and File holder
		Part No.	Part No.
4mm	25AP, 91PX, 91VLX	953 003 090	953 030 010
4.5mm	90PX	953 003 100	953 030 020

Cordless Chain Saw

DUC305/ DUC303/ DUC355/ DUC353/ DUC405/ DUC400
 300 mm (12") 350 mm (14") 400 mm (16")

Guide Bar Length	DUC305, DUC303: 300 mm (12") / DUC355, DUC353: 350 mm (14") DUC405, DUC400: 400 mm (16")
Chain Pitch / Chain Gauge	9.5mm (3/8") / 1.1/ 1.3 mm (.043"/ .050")
Chain Speed	0 - 20m/s(0 - 1,200m/min)
Chain Oil Tank Volume	200 mL
Sound Pressure Level	87.7 dB(A)
Sound Power Level	98.7 dB(A)
Vibration Level	Cutting Wood: 5.3m/s ²
Dimensions(L x W x H)	DUC305: 710x211x235mm (28"x8-5/16"x9-1/4") DUC303: 710x215x235mm (28"x8-1/2"x9-1/4") DUC355: 762x211x235mm (30"x8-5/16"x9-1/4") DUC353: 762x215x235mm (30"x8-1/2"x9-1/4") DUC405: 800x211x235mm (31-1/2"x8-5/16"x9-1/4") DUC400: 800x215x235mm (31-1/2"x8-1/2"x9-1/4")
Net weight	DUC305, DUC303: 4.6 kg (10.2 lbs) - 5.3kg (11.6lbs) DUC355, DUC353: 4.7 kg (10.4 lbs) - 5.4kg (11.8lbs) DUC405, DUC400: 4.8 kg (10.5lbs) - 5.4kg (11.9lbs)

- Variable Speed
- Brake
- Constant Speed
- Automatic Oiling
- Chain Brake

Standard Equipment:
 DUC355Z: Guide bar: 165246-6(1),
 Saw chain 14: 191H02-6(1), Oil vessel: 199897-3(1),
 Chain cover: 419288-5(1)
 DUC355PT2: Guide bar: 165246-6(1),
 Saw chain 14: 191H02-6(1), Oil vessel: 199897-3(1),
 Chain cover: 419288-5(1),
 Battery BL1850B: 198013-4(2),
 DC18RD TWO PORT FAST CHARGER DC18RD(1)



CORDLESS CHAIN SAW for PROFESSIONAL



Outer Rotor Brushless
 Motor direct-drive



Photo: DUC355

Excellent cutting performance equivalent to 30mL class engine chain saws

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 saws.

Powered by two 18V Li-ion batteries in series



SLIM & COMPACT BODY



Photo: DUC355

Constant speed control

- minimizes reduction in rotation speed under load, keeping operation efficiency.
- Lowers noise under no load.

Metal spike bar



Metal chain catcher



Captive nuts prevent loss of nuts

DUC305 / DUC355 / DUC405
when removing a sprocket cover to replace a guide bar or a saw chain.



Chain tensioning screw



Tool-less chain adjustment

DUC303 / DUC353 / DUC400
Extendable lever

1. allows for:
 - Easier saw chain tightening
 - Higher tightening torque
2. can be quickly retracted at any angle.
3. reduces the area projecting from Sprocket cover.

Dial for easier saw chain tension adjustment



Variable speed trigger switch



Battery capacity warning lamp



Adjustable automatic chain lubrication



Chain oil level window

