

Satisfy Professional's Needs



## Cordless Chain Saw

DUC305/ DUC355/ DUC405 Captive nuts type

DUC303/ DUC353/ DUC400 Tool-less chain adjustment type

300mm (12")/ 350mm (14")/ 400mm (16")



# High Power & High Speed

## High efficiency equivalent to 30mL class engine chain saws



CORDLESS CHAIN SAW for PROFESSIONAL



Outer Rotor Brushless  
Motor direct-drive

+

18v + 18v → 36v

Photo: DUC355





SLIM & COMPACT BODY

# 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.



**Main power switch**  
with auto power-off function

**Lock-off lever**

**Soft grip**  
for non-skid operation

### Constant speed control

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

### Metal spike bar



### Variable speed trigger switch



### Battery capacity warning lamp



### Adjustable automatic chain lubrication



nce  
ngine

**BL**  
**TOTOR**



Powered by two 18V Li-ion batteries in series

**18v + 18v → 36v**

**XPT**  
EXTREME PROTECTION TECHNOLOGY



Photo: DUC355

**Metal chain catcher**



**Chain oil level window**



**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





### Captive nuts type

### Tool-less chain adjustment type



Photo: DUC355

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



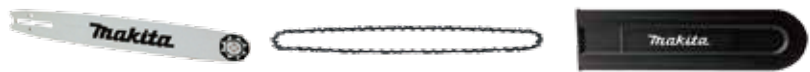
Photo: DUC353

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

## 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 Part No.	File diameter		Drive Sprocket		
Bar length	Part No.	No. of drive links	gauge	pitch	Cutter type	Saw Chain 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

### File and File holder



Size	Saw chain 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

### 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		

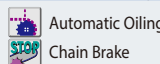
The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Items of standard equipment and specifications may vary by country or area.

### Cordless Chain Saw

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

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



#### Standard Equipment:

Saw Chain, Guide Bar, Guide Bar Cover, Chain oil 100mL (country-specific), Battery, Charger, Wrench (DUC305, DUC355, DUC405)

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