



Satisfy Professional's Needs



Cordless Chain Saw (Top handle type)

DUC256C Carving bar

DUC256/ DUC306/ DUC356/ DUC406 Sprocket nose bar

250mm (10")/ 300mm (12")/ 350mm (14")/ 400mm (16")



High power to cut trunk as well as branch
High efficiency equivalent to 30mL class engine chain saws



Outer Rotor Brushless
Motor direct-drive



18v + 18v → 36v



XPT

18V + 18V → 36V Efficiency 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 saw.



Net weight
4.6kg

with BL1850Bx2
Guide Bar 250mm
Saw Chain 90PX



Photo: DUC356

Highly efficient cutting

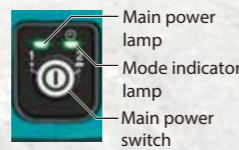
Direct drive of high output BL motor provides high saw chain speed; enabling to cut a workpiece without pushing hard.

• Approximately 25% faster than current 30mL engine model in cutting a 200mm cedar timber

Torque boost mode

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

• Approximately 45% faster than current 30mL engine model in cutting a 300mm cedar timber



*Push main power switch for a few seconds until the mode indicator lamp lights up in green.



Battery capacity warning lamp



Main power switch with auto power-off function



Variable speed trigger switch



Excellent tool balance



Hanging D-ring
Rope attachment point

Cutting work amount

Work volume on a single full battery charge

About **500** cuts



- 50x50mm cedar timber
- Guide bar/ Saw chain: 350mm/ 90PX
- Battery : BL1850Bx2



Adjustable automatic chain lubrication



Chain oil level window



Metal chain catcher



Captive nuts prevent loss of nut



Extreme Protection Technology

Carving bar



250mm (10") DUC256C

Sprocket nose bar



250mm (10") DUC256
300mm (12") DUC306
350mm (14") DUC356
400mm (16") DUC406

Photo: DUC356

Cordless Chain Saw with Outer Rotor Brushless Motor series

Top handle captive nut type



Photo: DUC254

200mm (8") DUC204, 250mm (10") DUC254
250mm (10") DUC254C (Carving bar)

Rear handle captive nuts type



Photo: DUC355

18v + 18v → 36v

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

Rear handle tool-less chain adjustment type



Photo: DUC353

18v + 18v → 36v

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

Accessories

Guide bar / Saw chain / Guide bar cover / File diameter / Drive sprocket

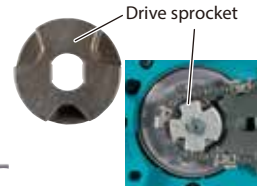
*Carving bar

**Sprocket nose bar (Micro-Lite)

***Sprocket nose bar



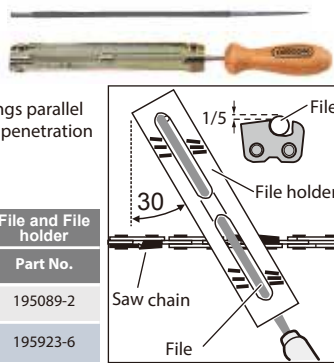
Cutter type:
MC: Micro chisel,
CC: Chamfer chisel



| 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 |
| 25cm/10" | **161846-0 | 40 | 1.1mm/.043" | 3/8" | 90PX | CC | 199075-5 | 452093-7 | 4.5mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 25cm/10" | ***168408-5 | 40 | 1.3mm/.050" | 3/8" | 91PX | CC | 196205-9 | 452093-7 | 4.0mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 30cm/12" | **165245-8 | 46 | 1.1mm/.043" | 3/8" | 90PX | CC | 196740-7 | 419288-5 | 4.5mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 30cm/12" | ***165200-0 | 46 | 1.3mm/.050" | 3/8" | 91PX | CC | 196206-7 | 419288-5 | 4.0mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 35cm/14" | **165246-6 | 52 | 1.1mm/.043" | 3/8" | 90PX | CC | 196741-5 | 419288-5 | 4.5mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 35cm/14" | ***165201-8 | 52 | 1.3mm/.050" | 3/8" | 91PX | CC | 196207-5 | 419288-5 | 4.0mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 40cm/16" | **165247-4 | 56 | 1.1mm/.043" | 3/8" | 90PX | CC | 196742-3 | 419242-9 | 4.5mm | 4.0mm | 3/8" / 6 | 199063-2 |
| 40cm/16" | ***165202-6 | 56 | 1.3mm/.050" | 3/8" | 91PX | CC | 196208-3 | 419242-9 | 4.0mm | 4.0mm | 3/8" / 6 | 199063-2 |

File and File holder

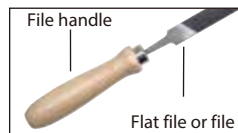
The file can be guided more easily if a file holder is employed. The file holder has markings for the correct sharpening angle of 30° (align the markings parallel to the saw chain) and limits the depth of penetration (to 4/5 of the file diameter).



| Size | Saw chain type | File | File and File holder |
|-------|----------------|-------------|----------------------|
| | | Part No. | Part No. |
| 4mm | 25AP, 91PX | 953 003 090 | 195089-2 |
| 4.5mm | 90PX | 953 003 100 | 195923-6 |

File handle

For flat file and file



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.

Depth gauge jointer

After sharpening the chain, check the height of the depth gauge using the chain gauge tool.

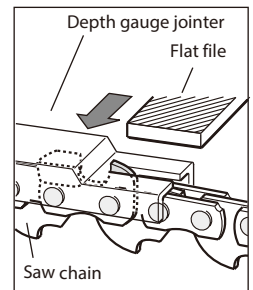


| Part No. |
|-------------|
| 953 100 090 |

Flat file



| Part No. |
|-------------|
| 953 003 060 |








Cordless Chain Saw

DUC256C/ DUC256/ DUC306/ DUC356/ DUC406

250 mm (10")/ 250 mm (10")/ 300 mm (12")/ 350 mm (14")/ 400 mm (16")

| | |
|--------------------------------------|--|
| Guide Bar Length | DUC256, DUC256C: 250 mm (10")/ DUC306: 300 mm (12") DUC356: 350 mm (14")/ DUC406: 400 mm (16") |
| Chain Pitch / Chain Gauge | DUC256, DUC306, DUC356, DUC406: 9.5 mm (3/8")/ 1.1 or 1.3 mm (.043" or .050") DUC256C: 6.35 mm (1/4") / 1.3 mm (.050") |
| Chain Speed | 0 - 20 m/s (0 - 1,200 m/min) |
| Chain Oil Tank Volume | 200 mL |
| Sound Pressure Level | 89 dB(A) |
| Sound Power Level | 103dB(A) |
| Vibration Level Cutting Wood: | DUC256, DUC306, DUC356, DUC406: 3.2 m/s ² DUC256C: 2.5 m/s ² or less |
| Dimensions without guide bar: | 270x205x232mm (10-5/8"x8-1/8"x9-1/8") |
| (L x W x H) with guide bar: | DUC256C: 515x205x232mm (20-1/4"x8-1/8"x9-1/8") DUC256: 502x205x232mm (19-3/4"x8-1/8"x9-1/8") DUC306: 556x205x232mm (21-7/8"x8-1/8"x9-1/8") DUC356: 612x205x232mm (24-1/8"x8-1/8"x9-1/8") DUC406: 651x205x232mm (25-5/8"x8-1/8"x9-1/8") |
| Net weight | 4.6-5.1kg (10.1-11.1lbs) |

| | | |
|--|--|---|
|  Variable Speed |  Automatic Oiling | Standard Equipment: |
|  Brake |  Chain Brake | Saw Chain, Guide Bar, Guide Bar Cover, Chain oil 100mL (country-specific), Battery, Charger, Wrench |
|  Constant Speed | | |

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