



Cordless Grass Trimmer

DUR187U Bike handle / **DUR187L** Loop handle

One-piece shaft

DUR188U Bike handle / **DUR188L** Loop handle

Split shaft



Low noise and easy handling

ADT BL MOTOR

XPT

EXTREME PROTECTION TECHNOLOGY

18V LITHIUM-ION

Just Turn It On!

No Need for Gas, No Need for Plug-In

Environment-friendly

Zero emission and minimum noise pollution

ADT

Automatic torque Drive Technology

RPM is automatically shifted to 4,000 - 6,000 min^{-1} according to density of weeds.



Also the speed can be changed between 4,000/5,000/6,000 manually by pressing the button.

High trimming performance obtained by placing brushless DC motor on the bottom side of the shaft

High power Brushless DC motor is placed close to the cutting tool to reduce mechanical loss, delivering high rotational speed and high torque more effectively for fast and persistent trimming.

BL
MOTOR



Max. 6,000 min^{-1}

High Performance with Brushless DC Motor

Brushless DC motor

- :: Maintenance-free due to no brush
- :: Energy production is more efficient than brushed DC motor because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.

More work amount on a single full battery charge

- :: Thanks to the very efficient energy production of BLDC motor, work amount on a single full battery charge is increased.
- :: Life time work amount of a battery is increased, reducing the battery cost.

Durable against continuous long operation

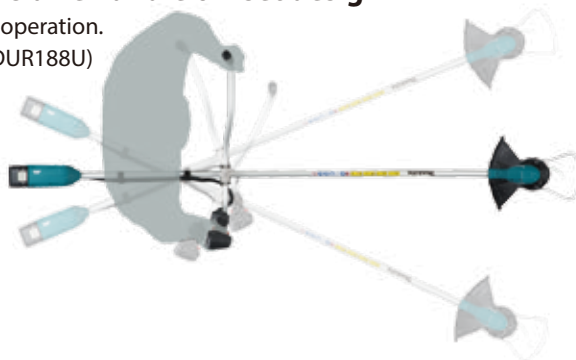
- :: Use of BLDC motor lowers heat production; the temperature rise at housing surface can be reduced well even in hard industrial applications requiring continuous long operation.

Lightweight design with excellent tool balance for easy handling during operation



Ergonomic bike handle off-set design

comfortable operation.
(DUR187U/ DUR188U)



Ergonomically designed, large loop handle

(DUR187L/ DUR188L)



Lightweight Motor

Photo: DUR187U

All control devices are conveniently located near your

hand.



Speed indicator

shows three rpm levels.
Also shows the status of overload,
overheat and overdischarge.

Auto speed control indicator (ADT mode)

Power lamp

Reverse button

for easy removal of grass clippings
from the cutting tool

After 1.5 seconds, machine stops.
Switch position will be returned
back to "Forward" automatically
after stopping.

Main power button

Thanks to battery power source;

- You can have a quick and easy start without mixing fuel or pulling recoil rope.
- Easy maintenance



Grass clippings can be removed

If grass clippings stuck...



Reverse

Equipped with reverse switch for easy removal of grass clippings stuck on the blade; grass clippings can be removed from and around the blade by slow reverse rotation of the blade.

Extreme Protection Technology

Enhanced Dust and Drip-resistant Performance ensure reliable operation even under bad weather.



XPT
EXTREME PROTECTION TECHNOLOGY

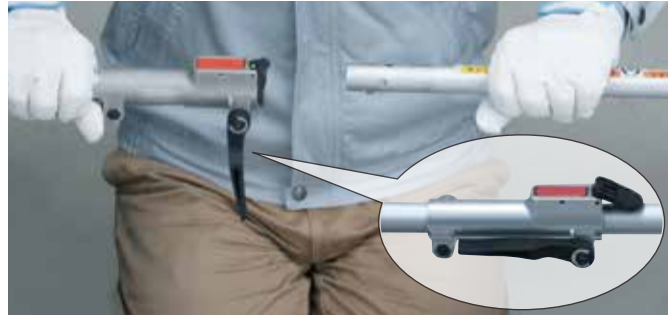


Excellent Mobility (DUR188U / DUR188L)

Split system provides easier mobility.



Lever style lock system allows for quick toolless installation and replacement of the attachment.



Accessories

Nylon cutting head (95-M8L)



| | |
|----------|----------|
| Part No. | 198386-5 |
|----------|----------|

Four-leaf clover-like cross section (ø 2.0mm)



| Size | Part No. |
|------------|----------|
| 2.0mmx15m | 197472-9 |
| 2.0mmx160m | 197473-7 |
| 2.0mmx30m | 197474-5 |
| 2.0mmx280m | 197475-3 |

Plastic blade 255 set



Replacement plastic blade
12pcs.set
Part No. 198427-7

| | |
|----------|----------|
| Part No. | 198385-7 |
|----------|----------|

Work amount (min)

on a single full battery charge

No load speed

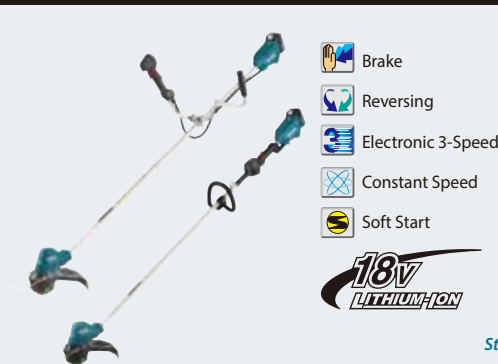
High / Middle / Low : 6,000 / 5,000 / 4,000 min⁻¹

| Cutting blade | Battery | No load | | | With load* | | |
|---|---------|---------|--------|-----|------------|--------|-----|
| | | High | Middle | Low | High | Middle | Low |
| Photo: Plastic blade | | | | | | | |
| with Nylon cord diameter: ø2.0 mm (Two Strings come out from separate openings) | BL1860B | 66 | 100 | 168 | 46 | 54 | 124 |
| | BL1850B | 55 | 83 | 139 | 38 | 45 | 103 |
| | BL1840B | 43 | 65 | 109 | 30 | 35 | 80 |
| | BL1830B | 32 | 48 | 81 | 22 | 26 | 60 |
| | BL1820B | 23 | 35 | 58 | 16 | 19 | 43 |
| | BL1815N | 17 | 25 | 42 | 12 | 14 | 31 |
| with Plastic blade Trimming width ø255mm (Three-blade cutter) | BL1860B | 123 | 146 | 219 | 38 | 75 | 115 |
| | BL1850B | 102 | 121 | 181 | 31 | 62 | 94 |
| | BL1840B | 80 | 94 | 142 | 24 | 48 | 74 |
| | BL1830B | 59 | 70 | 105 | 19 | 36 | 55 |
| | BL1820B | 43 | 51 | 76 | 14 | 26 | 39 |
| | BL1815N | 31 | 37 | 55 | 10 | 19 | 29 |

*Depends on the density of weeds

Cordless Grass Trimmer

DUR187U / DUR187L One-piece shaft



- Brake
- Reversing
- Electronic 3-Speed
- Constant Speed
- Soft Start

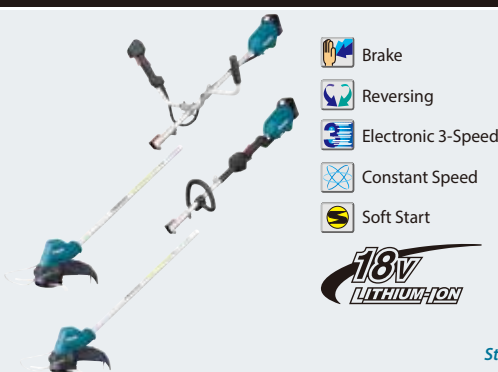


| | | DUR187U | DUR187L |
|-------------------------------|---------------------------------|---|--|
| Cutting Width | Nylon Cutting Head: | 300 mm (11-3/4") | 300 mm (11-3/4") |
| | Plastic Blade: | 255 mm (10") | 255 mm (10") |
| No Load Speed (RPM) | High / Medium / Low / ADT Mode: | 4,000 / 5,000 / 6,000 / 4,000 - 6,000 | 4,000 / 5,000 / 6,000 / 4,000 - 6,000 |
| Spindle Size | | M8 x 1.25 LH | M8 x 1.25 LH |
| Sound Pressure Level | Nylon Cutting Head: | 74 dB(A) | 74 dB(A) |
| Sound Power Level | Nylon Cutting Head: | 84 dB(A) | 84 dB(A) |
| Sound Pressure Level | Plastic Blade: | 79 dB(A) | 79 dB(A) |
| Sound Power Level | Plastic Blade: | 88 dB(A) | 88 dB(A) |
| Vibration Level | Front / Rear: | 2.5 / 2.5 m/s ² or less | 2.5 / 2.5 m/s ² or less |
| Dimensions (L x W x H) | | 1,791x600x472mm (70-1/2"x23-5/8"x18-5/8") | 1,791x258x232mm (70-1/2"x10-1/8"x9-1/8") |
| Max Run Time (min) | with BL1860B: | 168 | 168 |
| Net weight | BL1815N: | 3.6 kg (7.9 lbs.) | 3.4 kg (7.4 lbs.) |
| | BL1860B: | 3.9 kg (8.6 lbs.) | 3.7 kg (8.1 lbs.) |

Standard Equipment: Shoulder Harness, Nylon Cutting Head, Plastic Blade, Accessory Bag, Hex Wrench, Battery, Charger

Cordless Grass Trimmer

DUR188U / DUR188L Split shaft



- Brake
- Reversing
- Electronic 3-Speed
- Constant Speed
- Soft Start



| | | DUR188U | DUR188L |
|-------------------------------|---------------------------------|---|--|
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| Spindle Size | | M8 x 1.25 LH | M8 x 1.25 LH |
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| Max Run Time (min) | with BL1860B: | 168 | 168 |
| Net weight | BL1815N: | 3.9 kg (8.5 lbs.) | 3.7 kg (8.1 lbs.) |
| | BL1860B: | 4.2 kg (9.2 lbs.) | 4.0 kg (8.8 lbs.) |

Standard Equipment: Shoulder Harness, Nylon Cutting Head, Plastic Blade, Accessory Bag, Hex Wrench, Cup, Battery, Charger

Items of standard equipment and specifications may vary by country or area. weight according to EPTA-Procedure 01/ver.2.1

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