



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.

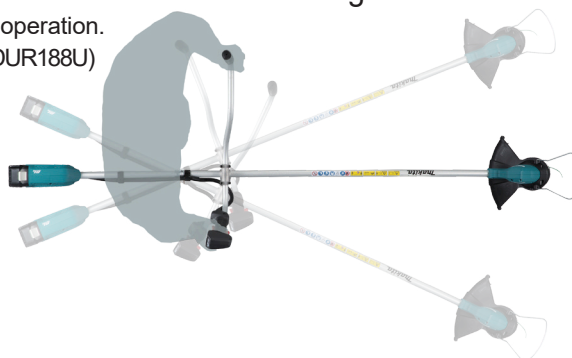
Durable against continuous long operation

- :: 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)



Lightweight Motor

Photo: DUR187U

Ergonomically designed, large loop handle (DUR187L/ DUR188L)



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

Thank 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

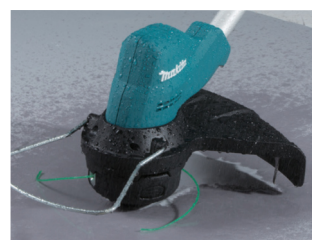
If grass clippings stuck...



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.



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



Optional Accessories

Nylon cutting head (95-M8L)



Part No.	198386-5
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Four-leaf clover-like crosssection (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
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Work amount (min)

on a single full battery charge

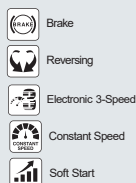
No load speed

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

Cutting blade	Battery	No load			With load*		
		High	Middle	Low	High	Middle	Low
with Nylon cord diameter: ø2.0 mm (Two Strings come out from separate openings)	Photo: Plasticblade						
	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
with Plasticblade Trimming width ø255mm (Three-blade cutter)	BL1815N	17	25	42	12	14	31
	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

*Dependson the density of weeds

Cordless Grass Trimmer

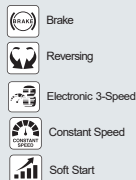
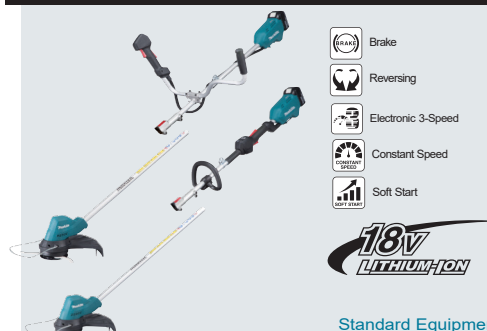


DUR187U/ DUR187L One-piece shaft

		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 / ADTMode:	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		1,791x600x472mm	1,791x258x232mm
(L x W x H)		(70-1/2"x23-5/8"x18-5/8")	(70-1/2"x10-1/8"x9-1/8")
Max Run Time (min)		with BL1860B:168	with BL1860B:168
Net weight	BL1815N:	3.6 kg (7.9lbs.)	3.4 kg (7.4lbs.)
	BL1860B:	3.9 kg (8.6lbs.)	3.7 kg (8.1lbs.)

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

Cordless Grass Trimmer



DUR188U / DUR188L Split shaft

		DUR188U	DUR188L
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 / ADTMode:	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		1,791x600x472mm	1,791x258x232mm
(L x W x H)		(70-1/2"x23-5/8"x18-5/8")	(70-1/2"x10-1/8"x9-1/8")
Max Run Time (min)		with BL1860B:168	with BL1860B:168
Net weight	BL1815N:	3.9 kg (8.5lbs.)	3.7 kg (8.1lbs.)
	BL1860B:	4.2 kg (9.2lbs.)	4.0 kg (8.8lbs.)

Standard Equipment: DUR187LZ: Band assembly: 125516-5(1), Nylon cutting head assembly 95-M8L set M 198386-5(1), Hex. wrench 4: 783202-0(1), Hex. wrench: 5 783217-7(1)

DUR187LRF: Band assembly: 125516-5(1), Nylon cutting head assembly 95-M8L M: 198386-5(1), Hex. wrench 4: 783202-0(1), Hex. wrench 5: 783217-7(1) Battery BL1830B: 197605-6(2) DC18RC FAST CHARGER DC18RC(1)



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