



# Cordless Grass Trimmer

Satisfy Professional's Needs

BUR182U/ BUR183U/ DUR182L/ DUR183L



BUR142U/ BUR143U/ DUR142L



## Lightweight, yet Powerful

Bike handle type



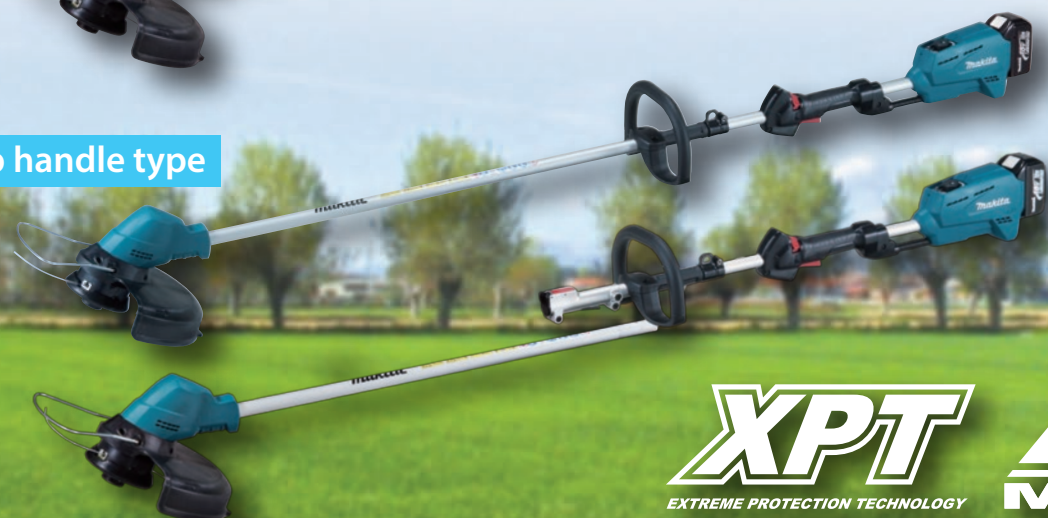
One-piece shaft

Photo: BUR182U

Split shaft

Photo: BUR183U

Loop handle type



One-piece shaft

Photo: DUR182L

Split shaft

Photo: DUR183L





# Lightweight design with excellent tool balance for easy handling during operation

Use of brushless DC motor makes the bottom end of the shaft lighter in weight to produce excellent tool balance during operation; the lighter bottom end will create less fatigue even if user swings it left and right repeatedly for trimming.



## 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



# 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.



## Extreme Protection Technology

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



**XPT**  
EXTREME PROTECTION TECHNOLOGY



## Excellent Mobility (BUR183U / L, BUR143U / L)

Split system provides easier mobility.



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



## Grass clipping removal function

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.

## Variable speed control dial

3,500 - 6,000min-1

### LED warning lamp



Blinking: Battery power has been almost used up.  
Solid: Battery power has been completely used up; the battery protection circuit will automatically shut off the power supply to motor.  
Blinking: Motor has been locked.  
Solid: Overheating; the current limiter will automatically shut off the power to motor.

## Longer continuous run time on a single full charge

with Nylon cord 2.0mm



BUR142U  
BUR143U  
DUR142L



**14.4V**  
LITHIUM-ION  
BL1430

No load speed

**3,500 - 6,000min<sup>-1</sup>**

**27min - 75min**

BUR182U  
BUR183U  
DUR182L  
DUR183L



**18V**  
LITHIUM-ION  
BL1830

**30min - 90min**

# Accessories

## String trimmer head

(for grass, light weeds) Arbore size M8x1.25LH

**Eylet** 2pcs/set for B&F4L,  
Ultra Auto 4L Part No. A-15992

### Manual

Arbore size Ø12



Part No. B-02951

### Bump & Feed B&F 4L



Part No. A-89121

### Automatic

#### Ultra Auto 4L

\* with adapter

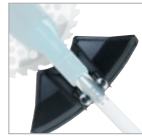


Part No. \*B-02945

## Brushcutter blades

Use with Protector

Hole Dia.: 25.4mm



### Triple blade

for tall, thick grass, scrub and tangled undergrowth /

230mm / 3 / 3.0mm

Part No. 195298-3



### Star blade

for tall grass and scrub /

230mm / 4 / 1.8mm

Part No. B-14118



### Eddy blade

for thick grass and scrub /

230mm / 8 / 1.8mm

Part No. B-14130



### Saw blade

for bushes and thin tree trunks /

230mm / 80 / 1.8mm

Part No. B-14152



### TCT Saw blade

for gnarled bushes and

thin tree trunks /

230mm / 36 / 1.8mm

Not available in some countries due to local regulation

Part No. A-48321



## Battery & Charger Time Reference Chart (in Minutes)

		DC18RC / DC18RA	DC18SF	DC18SD	DC18SE (Automotive)
BUR182U DUR182L	BUR183U DUR183L				
BL1840 4.0Ah	BL1440 4.0Ah	36min. Fast Charging	90min. 1 to 2 batteries 180min. 3 to 4 batteries	90min.	
BL1830 3.0Ah	BL1430 3.0Ah	22min. Fast Charging	60min. 1 to 2 batteries 120min. 3 to 4 batteries	60min.	
BL1815N 1.5Ah		15min. Fast Charging	30min. 1 to 2 batteries 60min. 3 to 4 batteries	30min.	

## Cordless Grass Trimmer

### BUR182U / BUR183U / BUR142U / BUR143U

- Variable Speed
- Brake
- Reversing
- Electronic 3-Speed



	<b>BUR182U</b>	<b>BUR183U</b>	<b>BUR142U</b>	<b>BUR143U</b>
<b>Standard Equipment:</b>	No load speed (rpm)	3,500-6,000	3,500-6,000	3,500-6,000
Blade, Blade Guard,	Spindle size	M8 x 1.25LH	M8 x 1.25LH	M8 x 1.25LH
Harness, Wrenches,	Dimensions	1843x626x478mm	1843x626x478mm	1843x626x478mm
Safety Goggles	(L x W x H)	(72-1/2"x24-5/8"x18-3/4")	(72-1/2"x24-5/8"x18-3/4")	(72-1/2"x24-5/8"x18-3/4")
	Net Weight*	4.1kg (9.0lbs)	4.3kg (9.5lbs)	4.2kg (9.2lbs)

## Cordless Grass Trimmer

### DUR182L / DUR183L / DUR142L

- Variable Speed
- Brake
- Reversing
- Electronic 3-Speed



	<b>DUR182L</b>	<b>DUR183L</b>	<b>DUR142L</b>
<b>Standard Equipment:</b>	No load speed (rpm)	3,500-6,000	3,500-6,000
Blade, Blade Guard,	Spindle size	M8 x 1.25LH	M8 x 1.25LH
Harness, Wrenches,	Dimensions	1843x287x253mm	1843x287x253mm
Safety Goggles	(L x W x H)	(72-1/2"x11-1/4"x10")	(72-1/2"x11-1/4"x10")
	Net Weight*	3.9kg (8.6lbs)	4.1kg (9.1lbs)
			3.8kg (8.3lbs)

\*weight according to EPTA-Procedure 01/2003 Items of standard equipment and specifications may vary by country or area.

# Makita Corporation

3-11-8 Sumiyoshi-cho, Anjo, Aichi, 446-8502 Japan

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