



## Cordless Recipro Saw

# High power and High durability



# Vertical crank mechanism

DJR360



DJR187



DJR186



LED job light (DJR360, DJR187)



Retractable rafter hook (DJR360, DJR187)



**BL MOTOR**  
Brushless DC motor  
(DJR360, DJR187)

**Electronic 2-speed**  
(DJR360, DJR187)

**Two-finger switch trigger**

**Soft grip**  
provides more comfort and control.

**Electric brake**

**18V LITHIUM-ION**

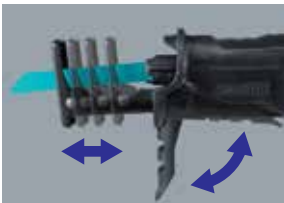


**Toolless blade change**  
Redesign of Blade clamp makes it easier to remove a blade.

Photo : DJR187

**Toolless shoe adjustment**  
(DJR360, DJR187)

Lever system is employed instead of button system.  
It prevents the blade lock from unintentional releasing.



### Power by 18V Li-ion battery

with Battery fuel gauge

BL1860B : 6.0Ah  
BL1850B : 5.0Ah  
BL1840B : 4.0Ah  
BL1830B : 3.0Ah



BL1850B

BL1820B : 2.0Ah  
\*BL1815N : 1.5Ah  
(\*without Battery fuel gauge)



BL1815N

**Fast Charger**  
DC18RC

**Charger**  
Two Port Multi Fast  
Charger  
DC18RD

**Charger**  
DC18SD



### Efficiency of Metal Cutting

Note: 1. Numbers in the charts below are relative values when the capacities of Competitor "M" at 100.  
2. The test results depend to a great extent on the hardness of materials, etc.

Test material:  $\phi 1"$  Carbon steel pipe 25A



### Cordless Recipro Saw

#### DJR360 / DJR187 / DJR186

	DJR360	DJR187	DJR186
Variable Speed	Pipe : 130mm (5-1/8") Wood: 255 mm (10")	Pipe : 130mm (5-1/8") Wood: 255 mm (10")	Pipe : 130mm (5-1/8") Wood: 255 mm (10")
Electronic 2-speed (DJR360, DJR187)	32 mm (1-1/4") High: 0-3,000 Low: 0-2,300	32 mm (1-1/4") High: 0-3,000 Low: 0-2,300	32 mm (1-1/4") High: 0-3,000 Low: 0-2,300
Brake	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 13.0 m/s <sup>2</sup> Cutting Wooden beams: 12.5 m/s <sup>2</sup>
Built-in Job Light (DJR360, DJR187)	1.5 m/s <sup>2</sup>	1.5 m/s <sup>2</sup>	1.5 m/s <sup>2</sup>
Carrying Case	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 13.0 m/s <sup>2</sup> Cutting Wooden beams: 12.5 m/s <sup>2</sup>
<b>Capacity</b>	Pipe : 130mm (5-1/8") Wood: 255 mm (10")	Pipe : 130mm (5-1/8") Wood: 255 mm (10")	Pipe : 130mm (5-1/8") Wood: 255 mm (10")
<b>Length of Stroke</b>	32 mm (1-1/4")	32 mm (1-1/4")	32 mm (1-1/4")
<b>Strokes Per Minute (SPM)</b>	High: 0-3,000 Low: 0-2,300	High: 0-3,000 Low: 0-2,300	High: 0-3,000 Low: 0-2,300
<b>Vibration Level</b>	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 16.5 m/s <sup>2</sup> Cutting Wooden beams: 15.5 m/s <sup>2</sup>	Cutting Boards: 13.0 m/s <sup>2</sup> Cutting Wooden beams: 12.5 m/s <sup>2</sup>
<b>Vibration K factor</b>	1.5 m/s <sup>2</sup>	1.5 m/s <sup>2</sup>	1.5 m/s <sup>2</sup>
<b>Sound Pressure Level</b>	85 dB(A)	84 dB(A)	84 dB(A)
<b>Sound Power Level</b>	96 dB(A)	95 dB(A)	95 dB(A)
<b>Noise K factor</b>	3 dB(A)	3 dB(A)	3 dB(A)
<b>Dimensions (L x W x H)</b>	449x116x243mm (17-3/4"x4-9/16"x9-1/16")	439x83x231mm (17-1/4"x3-1/4"x9-1/8")	486x81x223mm (19-1/8"x3-3/16"x8-3/4")
<b>Net weight</b>	BL1815N : 4.0kg (8.9lbs) BL1850B : 4.6kg (10.2lbs)	BL1815N : 3.4kg (7.6lbs) BL1850B : 3.7kg (8.2lbs)	BL1815N : 3.5kg (7.6lbs) BL1850B : 3.8kg (8.3lbs)

Standard Equipment : Recipro saw blades, Fast Charger, Battery

weight according to EPTA-Procedure 01/ver.2.1

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



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Photo: DJR187

# Newly designed vertical crank mechanism

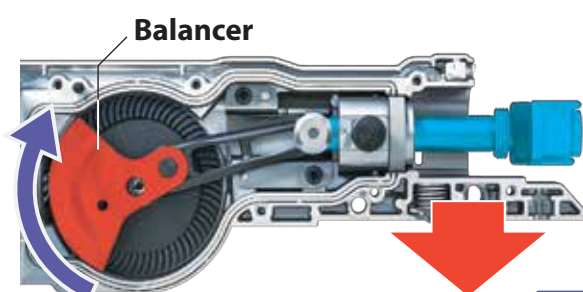
And featuring high output Brushless DC motor, enabling outstanding performance in cutting work.

(DJR360, DJR187)



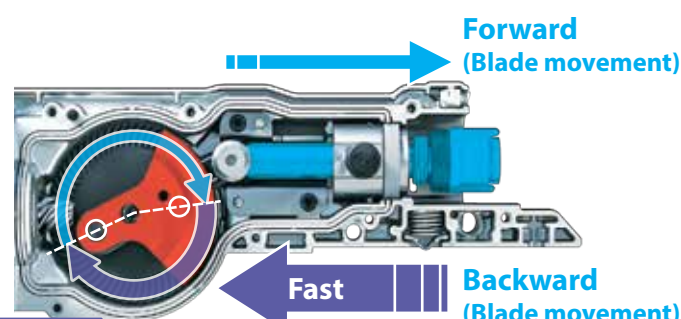
Photo : DJR360

## Smooth cutting with new crank system



The rolling of Balancer decreases and materials are pushed stronger

## Backward stroke is faster



Backward rotating angle is less.

Cutting speed  
approx **TWICE**

as fast as the 18Vx1 predecessor model when cutting a 25A(ø1") pipe with DJR360.

## Long Stroke

**32mm**

High Speed  
Strokes per minute  
**3,000**min<sup>-1</sup>  
(DJR360, DJR187)

## High durability

### More durable mechanism to hold slider

A roller on the rear end of slider reciprocates on the rail of metal plate, providing higher durability than the current mechanism using plane bearing as the rear slider holder.

Mechanical durability  
more than **twice**

### More rigid shoe

- Shoe has been reinforced.
- Fixed type shoe is used for added durability.



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