



Accessory

Tie wire set

50 pcs/ box
Part No. 199137-9
Annealed wire
(Ø0.8mm)



Part No. 191A57-9
Galvanized wire
(Ø0.8mm)



Part No. 191J59-9
Poly Coated wire
(Ø0.9mm)



Wire guide B

for model DTR181

Part No. 162945-1
Silver
for Annealed wire and Poly Coated wire
Standard Equipment



Part No. 1911H9-6
Black
for Annealed wire and Galvanized wire



Extension handle

Optimum for continuous downward
Part No. 191M27-1



Cordless Steel Rod Cutter

DSC191 ▶



DSC162 ▶



Protector

Protector prevents that cut pieces
may fly off.



Cutting head rotates 360° to
accommodate different cutting
positions

Charging Time

	Fast Charging DC18RC	DC18SD
 BL1815N 1.5Ah 196449-1	15 min	30 min
BL1820B 2.0Ah 197254-9	24 min	45 min
BL1830B 3.0Ah 197599-5	22 min	60 min
BL1850B 5.0Ah 197280-8	45 min	110 min
BL1860B 6.0Ah 197422-4	55 min	130 min

Cordless Rebar Tying Tool

DTR181 / DTR180

	DTR181	DTR180
Torque Setting 6		
Tie Wire	Dia. 0.8 mm	Dia. 0.8 mm
Applicable Rebars	D16 x D16 - [D13 x 2] x [D16 x 2]	D10 x D10 - [D13 x 2] x [D13 x 2]
Vibration Level	2.5 m/s ² or less	2.5 m/s ² or less
Sound Pressure Level	82 dB(A)	78 dB(A)
Dimensions (L x W x H)	w/ BL1815N / BL1820B: 317 x 93 x 301 mm (12-1/2 x 3-5/8 x 11-7/8") w/ BL1830B / BL1840B / BL1850B / BL1860B: 317 x 93 x 318 mm (12-1/2 x 3-5/8 x 12-1/2")	w/ BL1815N / BL1820B: 304 x 93 x 301 mm (12 x 3-2/3 x 11-7/8") w/ BL1830B / BL1840B / BL1850B / BL1860B: 304 x 93 x 318 mm (12 x 3-2/3 x 12-1/2")
Net weight	2.4 - 2.7 kg (5.3 - 6.0 lbs.)	2.3 - 2.6 kg (5.1 - 5.7 lbs.)

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.

Makita Singapore Pte Ltd

7, Changi South Street 3, Singapore 486348
Phone : +65-6546-8700 Fax : +65-6546-8711
Email : msgproductteam@makita.com.sg
Website : www.makita.com.sg
Facebook : www.facebook.com/MakitaSG



MakitaSG



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Cordless Rebar Tying Tool
DTR181 / DTR180



photo: DTR181

DTR181

Max tying capacity
Combination of 4 rebars
D16 (#5) x 2 x D13 (#4) x 2



DTR180

Max tying capacity
Combination of 4 rebars
D13 (#4) x 2 x D13 (#4) x 2



Tying rebars automatically



photo: DTR181

Tying capacity

DTR181

Applicable rebars:

D13 x D13 - (D16 x 2) x (D13 x 2)



	2 pcs of rebars				
	D13 (#4)	D16 (#5)	D19 (#6)	D22 (#7)	D25 (#8)
D13(#4)	△	△	✓	✓	✓
D16(#5)	△	✓	✓	✓	✓
D19(#6)	✓	✓	✓	✓	✓
D22(#7)	✓	✓	✓	✓	✓
D25(#8)	✓	✓	✓	✓	—
D29(#9)	✓	✓	✓	—	—
D32(#10)	✓	✓	—	—	—
D35(#11)	✓	—	—	—	—

	3 pcs of rebars		
	D10 (#3) x 2	D13 (#4) x 2	D16 (#5) x 2
D10(#3)	△	✓	✓
D13(#4)	△	✓	✓
D16(#5)	✓	✓	✓
D19(#6)	✓	✓	✓
D22(#7)	✓	✓	✓
D25(#8)	✓	✓	✓

	4 pcs of rebars	
	D10 (#3) x 2	D13 (#4) x 2
D10(#3) x 2	✓	✓
D13(#4) x 2	✓	✓
D16(#5) x 2	✓	✓

△ The combination is not designed for high tying strength.

DTR180

Applicable rebars:

D10 x D10 - (D13 x 2) x (D13 x 2)



	2 pcs of rebars		
	D10 (#3)	D13 (#4)	D16 (#5)
D10(#3)	✓	✓	✓
D13(#4)	✓	✓	✓
D16(#5)	✓	✓	✓

	3 pcs of rebars	
	D10 (#3) x 2	D13 (#4) x 2
D10(#3)	✓	✓
D13(#4)	✓	✓
D16(#5)	✓	—

	4 pcs of rebars	
	D10 (#3) x 2	D13 (#4) x 2
D10(#3) x 2	✓	✓
D13(#4) x 2	✓	✓

(# means perimeter length: cm)

Continuous actuation mode

Hold the trigger and pull the contact plate against rebars



Selectable 2-Modes



Single actuation
↑
Continuous actuation

6-stage adjustable tying strength



Tying strength can be adjusted to suit the combination of rebars simply by operating the panel located above the battery.

Powered by 18V LXT Li-Ion battery



Tying times per 1 charge (Battery: BL1860B)

about
DTR181
D16 x 2, 2pcs of rebars
5,000
times

about
DTR180
D13 x 2, 2pcs of rebars
6,400
times



BL motor specially used for twisting tie wire

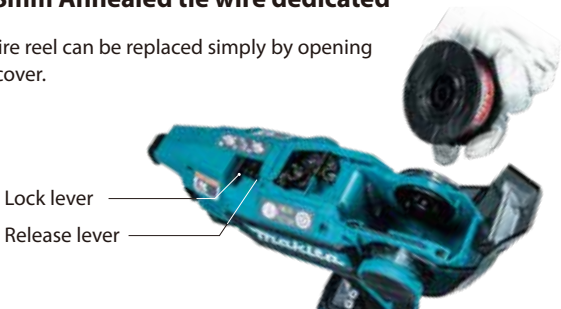
Easy to load with tie wire reel

- 1 Push the release lever
- 2 Put a reel and pass a wire through the hole
- 3 Release the lock lever



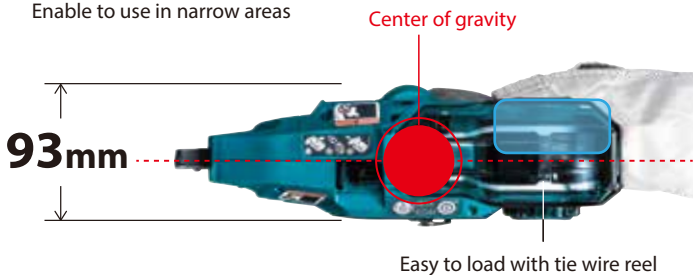
Ø0.8mm Annealed tie wire dedicated

Tie wire reel can be replaced simply by opening Reel cover.



Compact and slim design

Enable to use in narrow areas



eXtreme Protection Technology

Enhanced dust and drip-proof performance for use in bad weather