



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



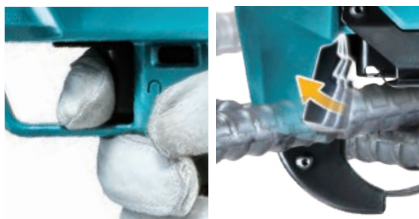
Tying rebars automatically



photo: DTR181

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.

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.

Lock lever
Release lever



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)	✓	✓	✓

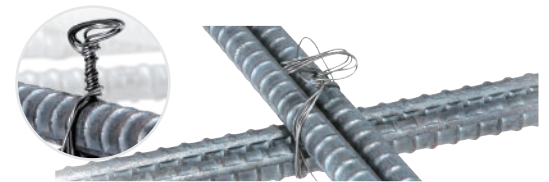
	4 pcs of rebars	
	D10 (#3) x 2	D13 (#4) x 2
D10(#3) x 2	✓	✓
D13(#4) x 2	✓	✓
D16(#5) x 2	✓	✓

△ 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)

Powered by 18V LXT Li-Ion battery



Tying times per 1 charge
(Battery: BL1860B)

about
5,000
times

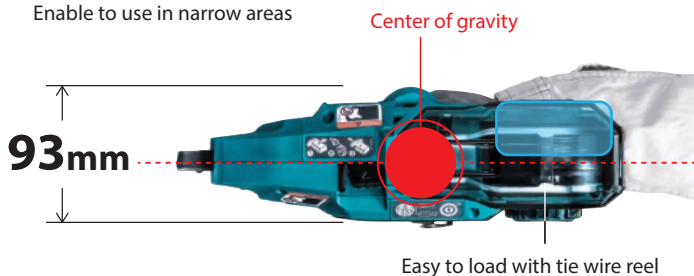
about
6,400
times



BL motor specially used
for twisting tie wire

Compact and slim design

Enable to use in narrow areas



eXtreme Protection
Technology

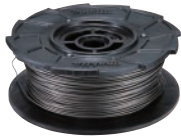
Enhanced dust and drip-proof
performance for use in bad weather

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	15 min	30 min
BL1820B 2.0Ah	24 min	45 min
BL1830B 3.0Ah	22 min	60 min
BL1840B 4.0Ah	36 min	90 min
BL1850B 5.0Ah	45 min	110 min
BL1860B 6.0Ah	55 min	130 min

Cordless Rebar Tying Tool

DTR181 / DTR180

	DTR181	DTR180
Torque Setting 6	Tie Wire Dia. 0.8 mm Applicable Rebars D16 x D16 - [D13 x 2] x [D16 x 2]	Tie Wire Dia. 0.8 mm Applicable Rebars D10 x D10 - [D13 x 2] x [D13 x 2]
Carrying Case	Vibration Level 2.5 m/s ² or less Sound Pressure Level 82 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")	Vibration Level 2.5 m/s ² or less Sound Pressure Level 78 dB(A) Dimensions (L x W x H) 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.)	Net weight 2.3 - 2.6 kg (5.1 - 5.7 lbs.)
	Standard Equipment: Nylon brush (DTR181 only), Hex Wrench, Hook	

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.

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