



# Cordless Rebar Tying Tool DTR181 / DTR180

## Accessory Standard equipment ● DTR181ZK/DTR181RTE

### 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



photo: DTR181

## Cordless Steel Rod Cutter



**Protector**  
Protector prevents that cut pieces may fly off.



**Cutting head rotates 360° to accommodate different cutting positions**

## Charging Time

	DC18RC	DC18SD
<b>BL1815N</b> 1.5Ah	15 min	30 min
<b>BL1820B</b> 2.0Ah	24 min	45 min
<b>BL1830B</b> 3.0Ah	22 min	60 min
<b>BL1840B</b> 4.0Ah	36 min	90 min
<b>BL1850B</b> 5.0Ah	45 min	110 min
<b>BL1860B</b> 6.0Ah	55 min	130 min

## Cordless Rebar Tying Tool DTR181ZK / DTR181RTE / DTR180Z

	DTR181	DTR180
<b>Tie Wire</b>	Dia. 0.8 mm	Dia. 0.8 mm
<b>Applicable Rebars</b>	D16 x D16 - [D13 x 2] x [D16 x 2]	D10 x D10 - [D13 x 2] x [D13 x 2]
<b>Vibration Level</b>	2.5 m/s <sup>2</sup> or less	2.5 m/s <sup>2</sup> or less
<b>Sound Pressure Level</b>	82 dB(A)	78 dB(A)
<b>Dimensions (L x W x H)</b>	w/ BL1815N / BL1820B: 317 x 93 x 301 mm w/ BL1830B / BL1840B / BL1850B / BL1860B: 317 x 93 x 318 mm	w/ BL1815N / BL1820B: 304 x 93 x 301 mm w/ BL1830B / BL1840B / BL1850B / BL1860B: 304 x 93 x 318 mm
<b>Net weight</b>	2.4 - 2.7 kg	2.3 - 2.6 kg
<b>DTR180Z/DTR181ZK:</b> Battery & charger are sold separately		
<b>DTR181RTE:</b> 2 battery 5.0Ah (BL1850B), fast charger (DC18RC)		
<b>Standard Equipment:</b> Nylon brush (162755-6), hex. Wrench 2.5 (783208-8), hook (346449-3), screw M4x12 (+)(251314-2), wire guide B complete (162945-1)*DTR181ZK/ DTR181RTE, (140C95-0)*DTR180Z		

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.

M4-052023-1

## DTR181ZK/ DTR181RTE

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



## CÔNG TY TNHH MAKITA VIỆT NAM

Kho 5/5, Block 16, 18L1-2 Đường số 3, KCN VSPP, P. Hòa Phú, TP. Thủ Đức, Bình Dương  
ĐT: 0274 362 8338 - Fax: 0274 362 8339 - Website: www.makita.com.vn

**CHI NHÁNH CTY TNHH MAKITA VN TẠI MIỀN BẮC**  
Khu 5, Số 1, Đường Số 6, KCN - BT - DV VSPP Bắc Ninh, P. Phú Châu,  
TP. Từ Sơn, T. Bắc Ninh,  
ĐT: 0222 376 5942 Fax: 0222 376 5941

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH HÀ NỘI**  
85 Trường Chinh, P. Phương Liệt, Q. Thanh Xuân, TP. Hà Nội,  
ĐT: 0243 202 2585

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH ĐÀ NẴNG**  
102 Triệu Nữ Vương, P. Hải Châu 2, Q. Hải Châu, TP. Đà Nẵng,  
ĐT: 0236 352 5079 / 0236 352 5179 Fax: 0236 352 9478

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH CẦN THƠ**  
366 Võ Văn Kiệt, Khu Vực 3, P. An Thới, Q. Bình Thủy,  
TP. Cần Thơ,  
ĐT: 0292 389 4358 Fax: 0292 389 4358

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH BUƠN MA THUỘT**  
88 Lê Đức Thọ, P. Thống Nhất, TP. Buôn Ma Thuột, T. Đắk Lắk,  
ĐT: 0262 355 4556 Fax: 0262 355 4557

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH HẢI PHÒNG**  
Số 01 Lê Duẩn, Di An Hoàng Huy Riverside, P. Thượng Lý,  
Q. Hồng Bàng, TP. Hải Phòng,  
ĐT: 0225 863 1519

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH NHÀ TRANG**  
Lô 56-58 đường B6, Khu đô thị Vinh Diễm Trung, Xã Vinh Ngọc,  
TP. Nhà Trng, T. Khánh Hòa  
ĐT: 0258 220 0639

**TRUNG TÂM DỊCH VỤ KHÁCH HÀNG  
CHI NHÁNH HỒ CHÍ MINH**  
Số 12 Trịnh Văn Cấn, P. Cầu Ông Lãnh, Q. 1, TP. Hồ Chí Minh,  
ĐT: 0283 821 5191

# Tying rebar automatically



photo: DTR181

## DTR181

Applicable rebar:  
D13 x D13 - (D16 x 2) x (D13 x 2)

✕	2 pcs of rebar					✕	3 pcs of rebar			✕	4 pcs of rebar	
	D13 (#4)	D16 (#5)	D19 (#6)	D22 (#7)	D25 (#8)		D10 (#3) x 2	D13 (#4) x 2	D16 (#5) x 2		D10 (#3) x 2	D13 (#4) x 2
D13(#4)	△	△	✓	✓	✓	D10(#3)	△	✓	✓	D10(#3) x 2	✓	✓
D16(#5)	△	✓	✓	✓	✓	D13(#4)	△	✓	✓	D13(#4) x 2	✓	✓
D19(#6)	✓	✓	✓	✓	✓	D16(#5)	✓	✓	✓	D16(#5) x 2	✓	✓
D22(#7)	✓	✓	✓	✓	✓	D19(#6)	✓	✓	✓	D19(#6) x 2	✓	✓
D25(#8)	✓	✓	✓	✓	-	D22(#7)	✓	✓	✓	D22(#7) x 2	✓	✓
D29(#9)	✓	✓	✓	-	-	D25(#8)	✓	✓	✓	D25(#8) x 2	✓	✓
D32(#10)	✓	✓	-	-	-							
D35(#11)	✓	-	-	-	-							

△ The combination is not designed for high tying strength.

## DTR180

Applicable rebar:  
D10 x D10 - (D13 x 2) x (D13 x 2)

✕	2 pcs of rebar			✕	3 pcs of rebar		✕	4 pcs of rebar	
	D10 (#3)	D13 (#4)	D16 (#5)		D10 (#3) x 2	D13 (#4) x 2		D10 (#3) x 2	D13 (#4) x 2
D10(#3)	✓	✓	✓	D10(#3)	✓	✓	D10(#3) x 2	✓	✓
D13(#4)	✓	✓	✓	D13(#4)	✓	✓	D13(#4) x 2	✓	✓
D16(#5)	✓	✓	✓	D16(#5)	✓	-	D16(#5) x 2	✓	✓

(# means perimeter length: cm)

### Continuous actuation mode

Hold the trigger and pull the contact plate against rebar



### Selectable 2-Modes



Single actuation  
↕  
Continuous actuation

### 6-stage adjustable tying strength



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

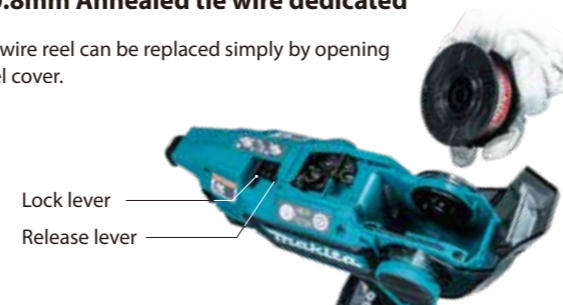
### Easy to load with tie wire reel

- 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.



Powered by 18V LXT Li-Ion battery



Tying times per 1 charge (Battery: BL1860B)

about  
**5,000**  
times  
DTR181  
D16 x 2, 2pcs of rebar

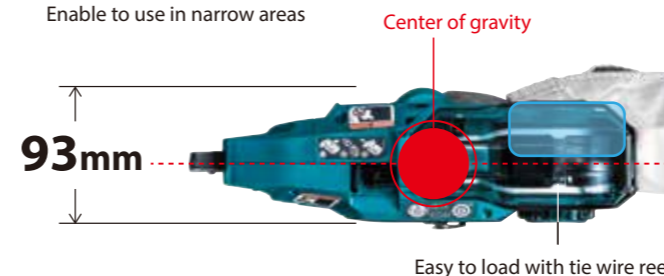
about  
**6,400**  
times  
DTR180  
D13 x 2, 2pcs of rebar



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