

**MAX****RE-BAR-TIER****TWINTIER****MAX****TWINTIER****The most advanced cordless Rebar tying tool****Key Features of MAX RE-BAR TIER**

1. Reduce Tying time  
5 times faster than handtying
2. One hand operation
3. Reduces health problem  
on the wrist and back
4. Reduces the training expenses
5. LED Battery indicator



Road Works



Floor Heating



Floor Decking



Precasted Panel



Building Floor



Building Foundation

**History of the MAX RE-BAR-TIER**

MAX developed the world's first battery operated rebar tying tool "MAX RE-BAR-TIER RB260" for the Japanese market in 1993. The international subsidiaries started selling RB262 in Europe, the United States and Asia in 1995. Also the MAX R&D department has had a highly strict standard of the durability making it work under the severe job environment. Based on our 24 years' experience, MAX introduces the 7th generation model RB441T. MAX RE-BAR-TIER series are revolutionizing rebar tying works all around the world.

## MAX RE-BAR-TIER'S History

1993	RB260, launches the World's first battery operated rebar tying tool in Japan
1995	RB262, launches into Europe
1998	RB392, ties up to 13mm x 13mm x 3mm
2004	RB395, improves durability
2006	RB655, mounts DC brushless twisting motor
2009	RB397, mounts a new 3.0Ah Lithium ion battery up to 2,000 ties per charge
2015	20th Anniversary of RE-BAR-TIER RB398, mounts a new 4.0 Ah Lithium ion battery
2017	TWINTIER RB441T, 7th Generation model mount Evolutional TWINTIER System


**RB218**  
 9 to 21 mm  
 combination

**RB398**  
 20 to 39 mm  
 combination

**RB441T**  
 20 to 44 mm  
 combination

**RB518**  
 32 to 51 mm  
 combination

**RB655**  
 20 to 65 mm  
 combination
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The specifications and design of the products in this catalogue will be subject to change without advance notice due to our continuous efforts to improve the quality of our products.

RB TT G Ver.1 EN

**RE-BAR-TIER**

The Original Since 1995

## RB441T -TWINTIER- The 7<sup>th</sup> Generation Model

- Up to 44mm
- Slim Nose
- Only 0.7 Sec/tie
- Magazine 240tie/coil
- Torque Dial
- Durable Glass Fiber Body
- Ergonomic Design
- Wight Only 2.6Kg
- 14.4V 4.0Ah Li-ion Battery 4,000 tie/charge

### Application



Concrete Factory



Construction

### Tying Wire

-1.0mm wire for RB441T  
-30 coils per box



### Tying combination chart

Combination of 2 re-bar

	10 mm	13 mm	16 mm	19 mm	22 mm
10 mm	○				
13 mm	○	○			
16 mm	○	○	○		
19 mm	○	○	○	○	
22 mm	○	○	○	○	○
25 mm	○	○	○	○	

Combination of 3 re-bar

	10x10 mm	13x13 mm	16x16 mm
16 mm	○	○	○
19 mm	○	○	○
22 mm	○	○	○
25 mm	○	○	○

Combination of 4 re-bar

	10x10 mm	13x13 mm
10x10 mm	○	
13x13 mm	○	○
16x16 mm	○	○

### New Twin Wire Mechanism

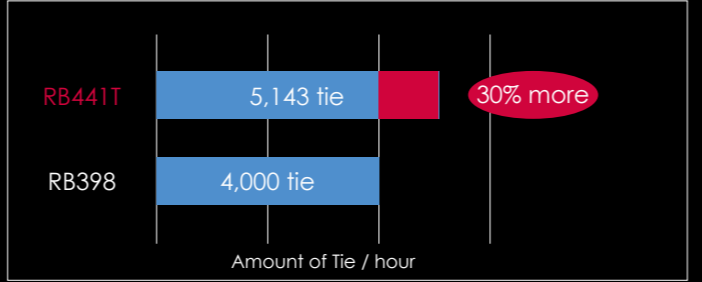
Old Mechanism Single Wire vs New Mechanism Twin Wire



Less wire but stronger tensile -RB441T (twin wire 1 wrap) has stronger tensile value than RB398 (single wire 3 wraps).

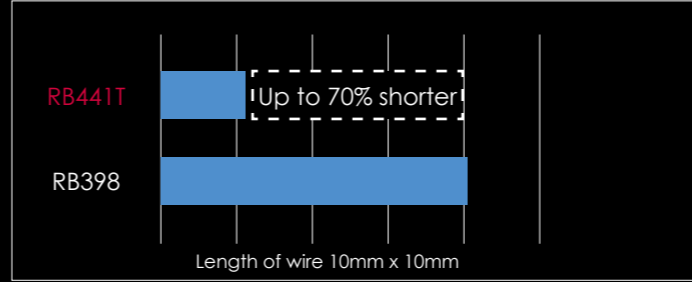
### 30% Faster Tying Speed

Saves you time & Increases your productivity



### Less Wire Consumption

Shorter Wire = Save you money



### More Tie Capacity

200% more ties per coil



For RB441T For RB398 For RB398  
Condition: 13mmx13mm re-bar combination with TW1061T Wire

### Height of tied wire is only 12mm

Lower ear and no tail



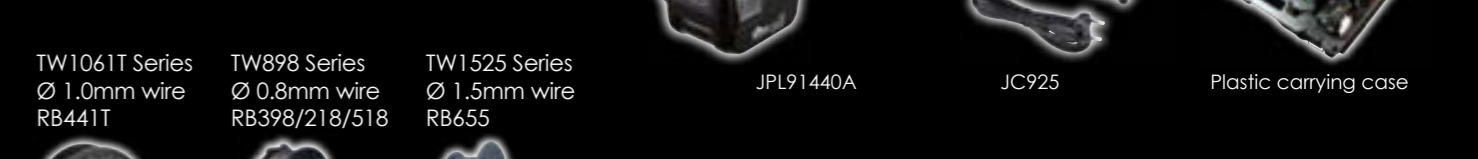
Save Risk of Wire Rusting!  
Save Time of Bending Wire



MODEL	RB218	RB398	RB441T	RB518	RB655
WEIGHT/kg Battery included	2.4	2.4	2.6	2.4	3.3
DIMENSIONS/mm (H x W x L)	305 x 105 x 290	305 x 105 x 290	295 x 120 x 330	305 x 105 x 305	340 x 100 x 340
TYING SPEED	Less than 1 second		0.7 sec	Approx. 1 second	Less than 1.1 second
WRAPS PER TIE	3 wraps	3 wraps	1 wrap	3 or 4 wraps	1 wrap
BATTERY	4.0 Ah Li-ion 14.4 V JPL91440A 300 g x 2	4.0 Ah Li-ion 14.4 V JPL91440A 300 g x 2	4.0 Ah Li-ion 14.4 V JPL91440A 300 g x 2	4.0 Ah Li-ion 14.4 V JPL91440A 300 g x 2	NI-MH 9.6 V (JPS09H) 650 g x 2
CHARGER	JC925 30 min (90% capacity) / 45 min (100% capacity)				
TIES PER COIL	150-210 ties	120 ties	170-265 ties	3 wraps: 90 ties 4 wraps: 75 ties	110-210 ties
TIES PER CHARGE	2,600 ties			3 wraps: 2,400 ties 4 wraps: 2,000 ties	420 ties
APPLICABLE RE-BAR Ø mm	Mesh + Mesh - 10 x 10	10 x 10 - 16 x 19 Up to 13 x 13 x 13	10 x 10 - 22 x 22 Up to 13 x 13 x 16 x 16	16 x 16 - 22 x 25	10 x 10 - 25 x 29
NOISE	A-weighted single-event sound power level LWA: 1.1, d 82 dB A-weighted single-event emission sound pressure level at work station LPA: 1.1, d 71 dB These values are determined and documented in accordance to EN60745	A-weighted single-event sound power level LWA: 1.1, d 82 dB A-weighted single-event emission sound pressure level at work station LPA: 1.1, d 71 dB These values are determined and documented in accordance to EN60745	A-weighted sound power level (LWA): 79 dB Uncertainty (KWA): 3dB A-weighted sound pressure level (LPA): 79 dB Uncertainty (KPA): 3dB These values are determined and documented in accordance to EN 60745	A-weighted single-event sound power level LWA: 1.1, d 82 dB A-weighted single-event emission sound pressure level at work station LPA: 1.1, d 71 dB These values are determined and documented in accordance to EN60745	A-weighted single-event sound power level LWA: 1.1, d 89.3 dB A-weighted single-event emission sound pressure level at work station LPA: 1.1, d 79.1 dB These values are determined and documented in accordance to CEN/TC 255 WG 1145.3E (EN standard in preparation)
VIBRATION	Vibration total value(ah): 1.9 m/s2 Uncertainty(K): 1.5m/s2 Measured value according to EN60745	Vibration total value(ah): 1.9 m/s2 Uncertainty(K): 1.5m/s2 Measured value according to EN60745	Vibration total value(ah): 0.5 m/s2 Uncertainty(K): 0.1 m/s2 Measured value according to EN 60745	Vibration total value(ah): 1.9 m/s2 Uncertainty(K): 1.5m/s2 Measured value according to EN60745	Vibration characteristic value +0.53 m/s2 These values are determined and documented in accordance to ISO 8662-11

### Standard Equipment

- Battery Pack JPL91440A(2pc.)
- AC Battery charger JC925
- Plastic Carrying Case



**PJRC160 Cordless Rebar Cutter**

- Durable DC Brushless motor
- Weight 7.6kg
- Cut up to 16mm rebar
- Cutting speed: 3.3 sec (16mm rebar)
- High speed cutting 3.3 Second  
With its high power 25.2 V battery PJRC160 provides the fastest cutting speed for a cordless rebar cutter in the market today.

MAX PJRC160 3.3 (sec)  
A Company 4.9 (sec)  
B Company 5.5 (sec)  
(ø16mm RE-BAR)

Reversible cutter for longer time