

# MAX

# TVINTIER



## The most advanced cordless Rebar tying tool



**RB218**  
9 to 21 mm  
combination

**RB398S**  
20 to 39 mm  
combination

**RB518**  
32 to 51 mm  
combination

**RB441T**  
20 to 44 mm  
combination

**RB611T**  
32 to 61 mm  
combination

**RB401T-E**  
20 to 40 mm  
combination



TVINTIER

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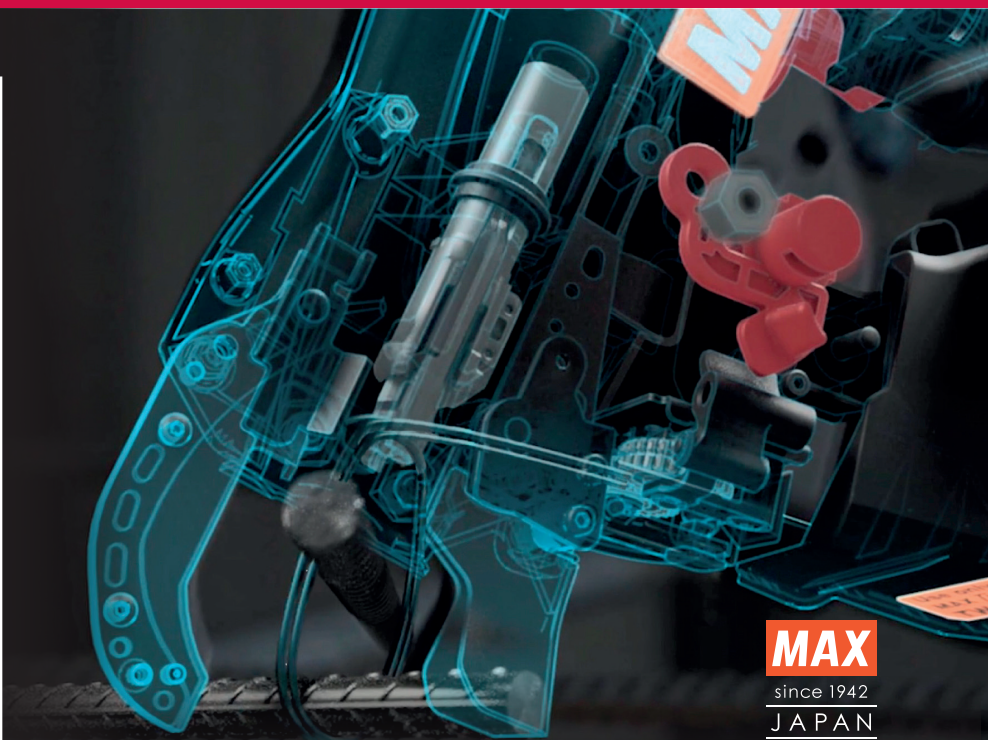
TVINTIER



## R&D and Tool & Wire Manufacturing

MAX Advantage begins with our R&D engineering and production teams and ends with our customers. Based on end-user feedback, we continually re-engineer our products to meet real-world demands. MAX developed the world's first battery operated rebar tying tool in 1993 for the Japanese market, and in 1995 for European market.

MAX R&D department has a highly strict standard for the durability, making our tools work under severe application environments. In 2017 MAX launched the 7<sup>th</sup> generation model, named RB441T TWINTIER, and with this expanding the line up with the TWINTIER series. MAX RE-BAR-TIER are revolutionizing rebar tying applications all around the world.



**MAX**  
since 1942  
JAPAN

## Save Time, Save Money



5 times faster  
than handtying



Easy one hand  
operation



Reduces health  
problems



Reduces training  
expenses



Increase  
productivity

## Development history of RE·BAR·TIER

OVER 25 YEARS  
EXPERIENCE



1993

RB260, launched the World's first battery operated rebar tying tool in Japan.



1995

RB262, launched into Europe.



1998

RB392, Speeded Up 0.8 sec/tie



2004

RB395, improved durability



2006

RB655, mounted DC brushless twisting motor



2009

RB397, mounted Li-ion battery



2015

RB398, 20th Anniversary of RE BAR TIER



2017

RB441T, 7th Generation model mounted Evolutional TWINTIER mechanism



2020

RB398S, RE BAR TIER



2020

RB611T, Bigger Jaw of Twintier series



2020

Stand-Up TWINTIER RB401T-E launched



# Strong Tightness fit to Civil Engineering

Big Rebar/Bridge



Big Rebar/Subway



Building Cage



Multiple rebar tying



Precast factory



Electric and Plumber pipe



Windmill Construction



Slab tying/Road





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

## RB441T

(From 20-44mm) Min.D10+D10 / Max.D22+D22



Weight Only 2.5kg

## RB401T-E

(From 20-40mm) Min.D10+D10 / Max.D20+D20

## RB611T

(From 32-61mm) Min.D16+D16 / Max.D32+D29



## TW1061T SERIES

Ø 1.0mm wire RB441T/RB611T/RB401T-E



**TW1061T**  
Regular Steel



**TW1061T-EG**  
Electro-Galvanized



**TW1061T-PC**  
Polyester-Coated



**TW1061T-S**  
Stainless steel wire



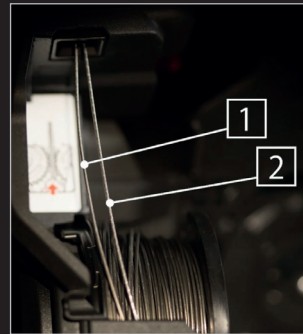
**MAX TW1061T Series Tie Wire are patented.**

All patent-infringing products hinders fair trading and will not be tolerated. Use of non-TW1061T Series Tie Wire can result in serious problem that obstructs proper mechanical tool operation. Furthermore, the intended tying performance cannot be ensured. Make sure to only use TW1061T Series items in all MAX TWINTIER. Any tools using non-TW1061T-Series Tie Wire can be declined repair service.



## New Twin Wire Mechanism

Conventional Mechanism Single Wire VS New Generation Twin Wire

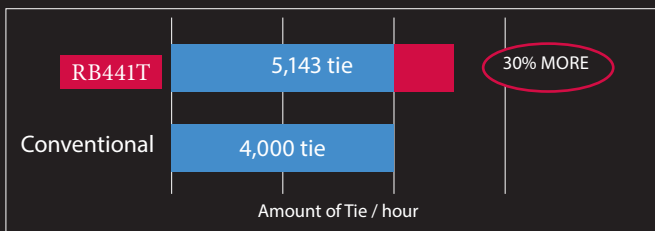


### LESS WIRE BUT STRONGER TENSILE

RB441T  
(Twin Wire 1 wrap)  
has stronger tensile value  
than others (single  
wire 3 wraps).

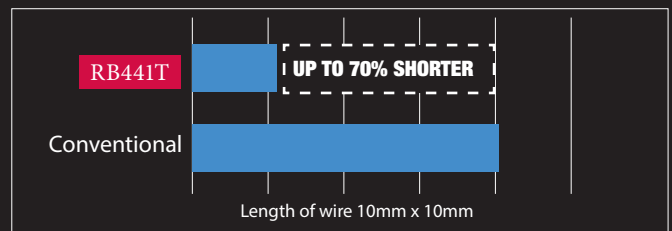
## 30% Faster Tying Speed

Saves time & Increases your productivity



## Less Wire Consumption

Shorter Wire = Save you money



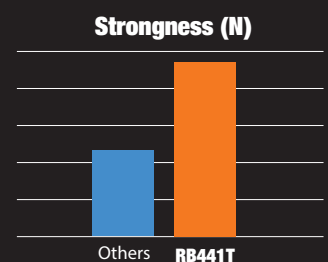
## More Tie Capacity

200% more ties per coil



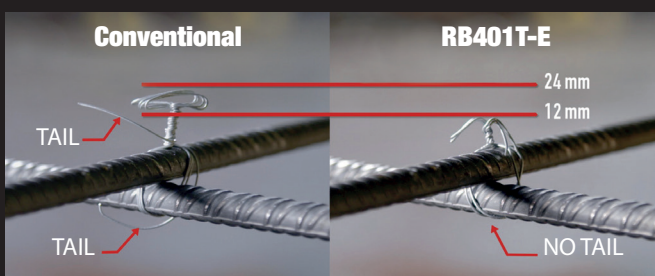
## Stronger Tightness

50% Stronger than conventional For more Stable Tying



## Height of tied wire is only 12mm

Lower ear and no tail



## No. of Tie/coil

	Conventional	RB441T	RB611T	RB401T-E
D10+D10	120	265	-	260
D13+D13	120	240	-	235
D16+D16	120	215	205	210
D20+D20	-	180	180	175
D22+D22	-	170	170	-
D25+D25	-	-	155	-
D38+D16	-	-	150	-
D38+D16+D16	-	-	140	-



# RE-BAR-TIER Line Up



## RB218

(From 9-21mm)  
Min. Mesh x Mesh  
Max. D10+D10



## RB518

(From 32-51mm)  
Min. D16+D16  
Max. D22+D25

UNIQUE IMPROVED  
POINTS



## RB398S

(From 20-39mm)  
Min. D10+D10  
Max. D16+D19

Faster Tying  
Speed.  
Only 0.85 Sec/tie  
(6% improved)

Higher Battery  
Capacity  
4,000 tie/charge  
(34% improved)

Lighter Weight  
2.3kg (without Wire)  
(4% improved)

## TW898 SERIES

Ø 0.8mm wire RB398S/RB218/RB518



**TW898**  
Regular Steel



**TW898-EG**  
Electro-Galvanized



50 COILS / BOX



**TW898-PC**  
Polyester-Coated



**TW898-S**  
Stainless Wire

Use only for RB397/RB398/  
RB398S  
Use with Stainless  
Wire Kit  
Custom-made Products





MODEL	<b>RB218</b>	<b>RB398S</b>	<b>RB518</b>	<b>RB441T</b>	<b>RB611T</b>	<b>RB401T-E</b>
						
	9 to 21 mm combination	20 to 39 mm combination	32 to 51 mm combination	<b>TWINTIER</b> 20 to 44 mm combination	<b>TWINTIER</b> 32 to 61 mm combination	<b>TWINTIER</b> 20 to 40 mm combination
WEIGHT /kg Battery included	2.4	2.3	2.4	2.5	2.5	4.6
DIMENSIONS /mm (H x W x L)	305 x 105 x 290	305 x 105 x 290	305 x 105 x 305	295 x 120 x 330	300 x 120 x 350	322 x 408 x 1,100
TYING SPEED	Less than 1 second	0.9 second	Approx. 1 second	0.7 sec	0.7 sec	0.7 sec
WRAPS PER TIE	3 wraps	3 wraps	3 or 4 wraps	1 wrap	1 wrap	1 wrap
BATTERY	5.0 Ah Li-ion 14.4 V JPL91450A					
CHARGER	JC925A 50min (80% capacity) / 65min (100% capacity)					
TIES PER COIL	150~210 ties	120 ties	3 wraps: 90 ties 4 wraps: 75 ties	170~265 ties	140~205 ties	175~260 ties
TIES PER CHARGE	4,600 ties	4,000 ties	3 wraps: 3,200 ties 4 wraps: 2,900 ties	5,000 ties	5,000 ties	4,600 ties
APPLICABLE RE-BAR Ø mm	Mesh x Mesh - 10x10	10x10 - 16x19 Up to 13x13x13x13	16x16 - 22 x 25	10x10 - 22x22 Up to 13x13x16x16	16x16 - 32x29 Up to 19x19x19x19	10x10 - 20x20 Up to 13x13x13x13

## Standard Equipment



2x JPL91450A battery pack



Plastic carrying case

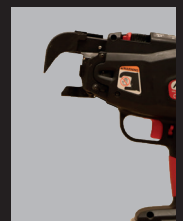


JC925A charger

## Optional Accessories



Extension bar



Lift Up Nose

## PJRC160 CORDLESS REBAR CUTTER

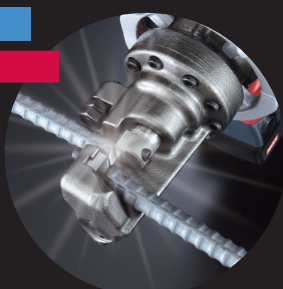
- Cutting speed: 3.3 sec (16mm rebar)
- 314 cut/charge for D16 rebar

MAX PJRC160 3.3 (sec)

A Company 4.9 (sec)

B Company 5.5 (sec)

(Ø16 mm RE-BAR)



Reversible cutter  
for longer time

Cut up to  
16mm rebar

25.2V Lithium ion battery



Durable DC  
Brushless motor

Weight 7.6kg



# TWINTIER



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Dealer:

# ATILA®

*Dá vida aos seus projetos*

RB TT G Ver.6 EN

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