

# MAX

# TYNTIER



## 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



TYNTIER

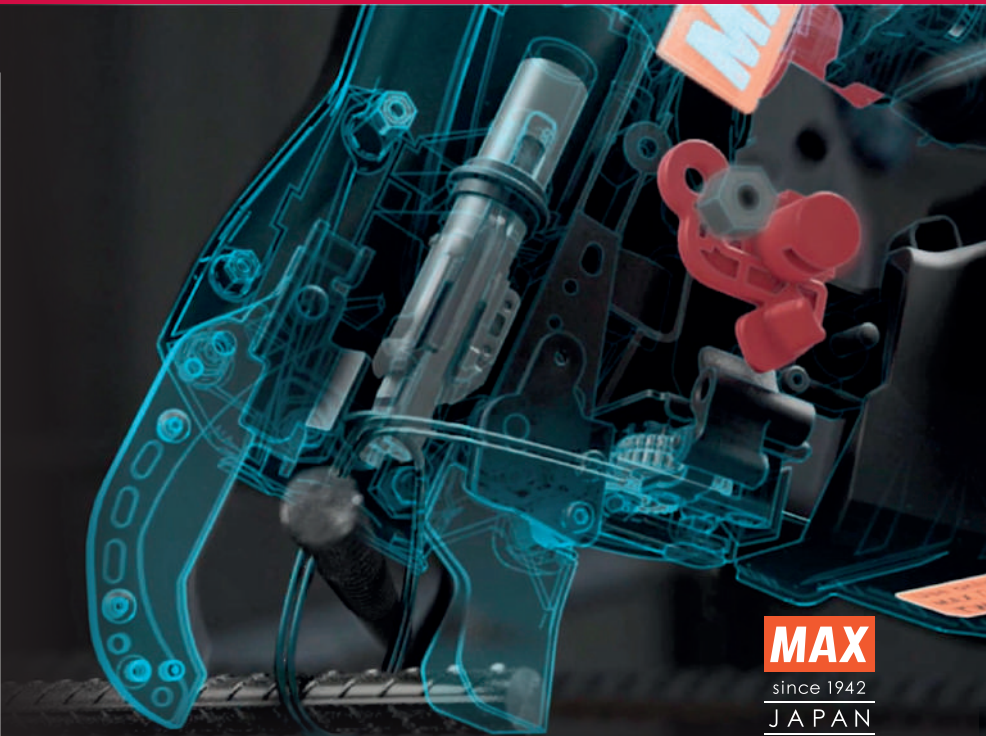
TYNTIER

TYNTIER

## 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 is revolutionizing rebar tying applications all around the world.



## 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 to 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



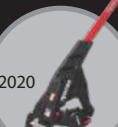
2020

RB398S, RE BAR TIER



2020

RB611T, Bigger Jaw of Twintier series



2020

Stand-Up TWINTIER RB401T-E launched

**MAX****ENGINEERED FOR PERFORMANCE**

## Making work life easier and more enjoyable worldwide

Working to create new standards, we have developed a deep familiarity with the people who use our products. This encourages us to think boldly, as we aim to bring the world a unique style of convenience. Our products are designed around a simple idea: Making work life easier and more enjoyable worldwide, reducing stress and maximizing performance. That's how we enhance the work environment. That is why we keep challenging ourselves to make lives better.

**MAX****ENGINEERED FOR  
PERFORMANCE**

## MAX HSE POLICY



**MAX HSE means that you can trust that our tools are engineered with your health, safety and environmentally friendly in mind.**



### **INCREASE YOUR SAFETY**

Reduces your health problems such as back pain and musculoskeletal disorder.



### **INCREASE YOUR PRODUCTIVITY**

5 times faster than hand tying. The speed and one hand operation leads to a higher productivity.



### **FOR BETTER QUALITY JOB**

Reduces the risk of concrete cracks on low decking, due to shorter tie knots.



### **COST SAVINGS THROUGH LESS WIRE USAGE**

The unique wire pullback mechanism, uses only the wire length needed, and pulls the wire efficiently to strengthen the tying force.

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

## RB441T

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



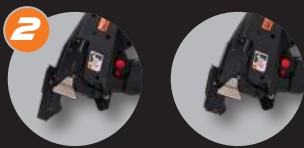
Weight Only 2.5kg

## RB401T-E

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



2 Position Handle



2 Nose attachments available for different distance from ground



Contact Switch



## RB611T

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



## TW1061T SERIES

Ø 1.0mm wire RB441T/RB611T/RB401T-E



EP3326949  
RU2675942



**TW1061T**  
Regular Steel



**TW1061T-EG**  
Electro-Galvanized



**TW1061T-PC**  
Polyester-Coated



**TW1061T-S**  
Stainless steel wire

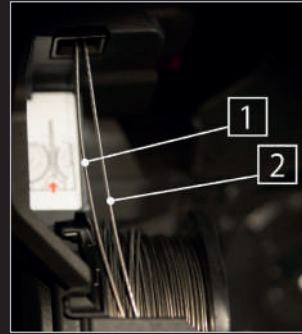
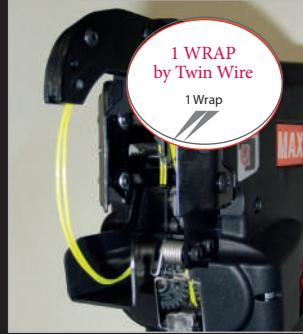


**MAX TW1061T Series Tie Wire is patented.**

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

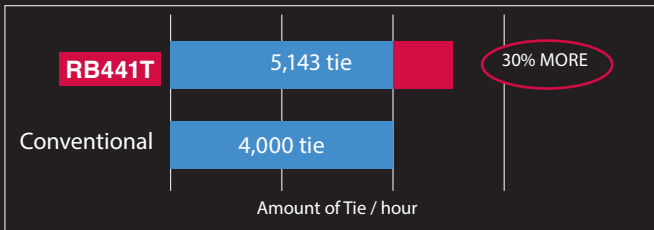


**LESS WIRE BUT STRONGER TENSILE**

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

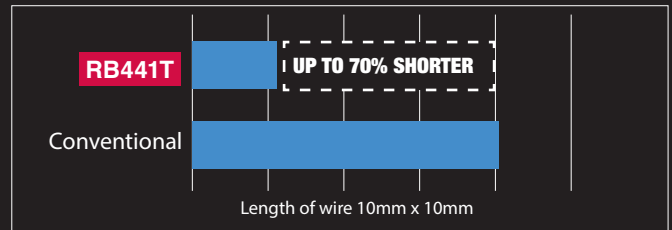
## 30% Faster Tying Speed

Saves time & Increases your productivity



## Less Wire Consumption

Shorter Wire = Save you money



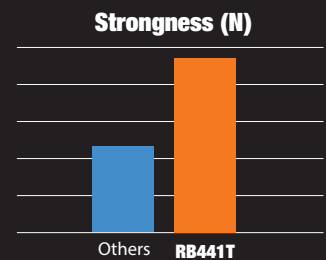
## More Tie Capacity

200% more ties per coil



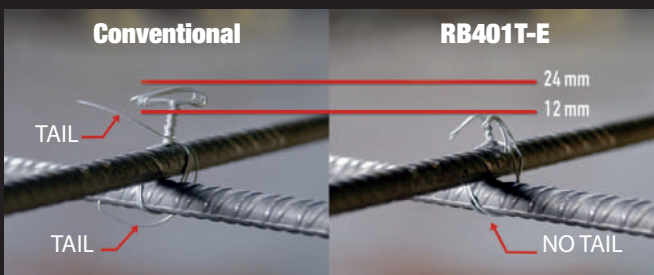
## Stronger Tightness

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><br>20 to 44 mm combination   | <b>TWINTIER</b><br>32 to 61 mm combination  | <b>TWINTIER</b><br>20 to 40 mm combination  |
| WEIGHT /kg<br>Battery included | 2.4   | 2.3   | 2.4   | 2.5  | 2.5   | 4.6   |
| DIMENSIONS /mm<br>(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 14.4V JPL91450A   |   |   |  |   |   |
| CHARGER                        | JC925A 50min (80% capacity) / 65min (100% capacity)                               |   |   |  |   |   |
| TIES PER COIL                  | 150~210 ties  | 120 ties  | 3 wraps: 90 ties<br>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<br>4 wraps: 2,900 ties  | 5,000 ties   | 5,000 ties  | 4,600 ties  |
| APPLICABLE RE-BAR<br>Ø mm      | Mesh x Mesh - 10x10   | 10x10 - 16x19<br>Up to 13x13x13x13  | 16x16 - 22 x 25   | 10x10 - 22x22<br>Up to 13x13x16x16   | 16x16 - 32x29<br>Up to 19x19x19x19  | 10x10 - 20x20<br>Up to 13x13x13x13  |

## Standard Equipment



2x JPL91450A battery pack



Plastic carrying case

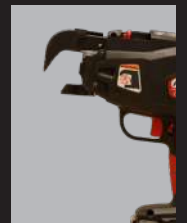


JC925A charger

## 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,  
double the number  
of cuts possible

Cut up to  
16mm rebar

25.2V Lithium ion battery

Durable DC  
Brushless motor

Weight 7.6kg



# STAND-UP TWINTIER

# MAX

## RB401T-E



**1** 2 Position Handle



**2** 2 Nose attachments available for different distance from ground

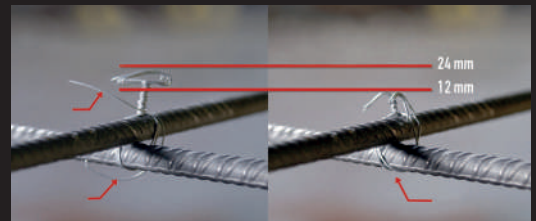


**3** Contact Switch



**RB401T-E**

**4** Height of tied wire is only 12mm  
Lower ear and no tail

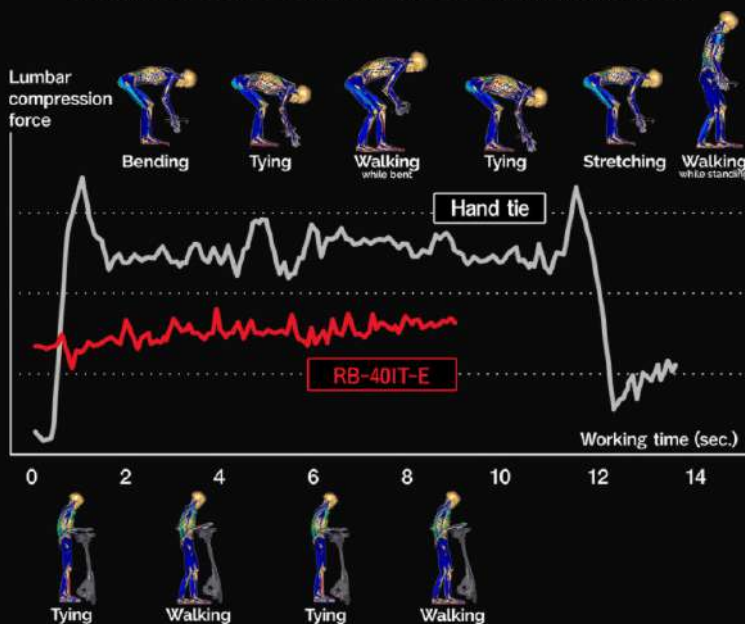


**5** STANDARD INCLUDED

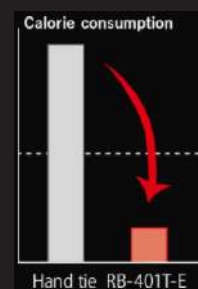


## REDUCES BACK STRAIN

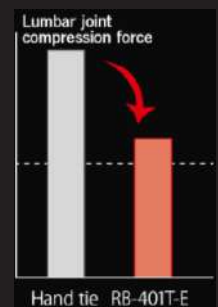
Changes in lumbar compression force during tying motion



Up to **88%**  
Less Effort



Up to **48%**  
Less Compression



Calorie consumption has been reduced by 50% because the tool enables you to tie rebar without bending over.

Extended Frame makes it possible to tie rebar cross sections without bending over. Eliminates the hassle of bending over to tie rebar and alleviate painful lumbar compression.



# Strong Tightness to fit Civil Engineering

Large rebar/bridge



Large rebar/subway



Cage building



Multiple rebar tying



Precast factory



Electrical and plumbing piping



Windmill Construction



Slab tying/Road





## “Authorized repair centre for whole of Europe”

We have authorized repair centers for the whole of Europe. We and our dealers are not only content with selling a tool, but we also provide quality service to maintain the end-user's work. We have experience from our own repair company in Japan and have accumulated knowledge since the 1950s. This experience enables us to provide the quality service the end-user wants.

Quality service is one of the most important ways of ensuring that customers remain satisfied. We promise to continuously update our skills and knowledge in order to ensure this satisfaction.

Members of Max Group

### TOPICS

#### **MAXTW1061T Series Tie Wire is patented.**

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**PATENTED**

EP3326949  
RU2675942



## Business Locations in Europe



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**MAX EUROPE B.V.**  
GERMAN OFFICE



**MAX EUROPE B.V.**  
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# TVINTIER



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RB TT G Ver.7 EN