

MAX

TWINTIER



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



TWINTIER

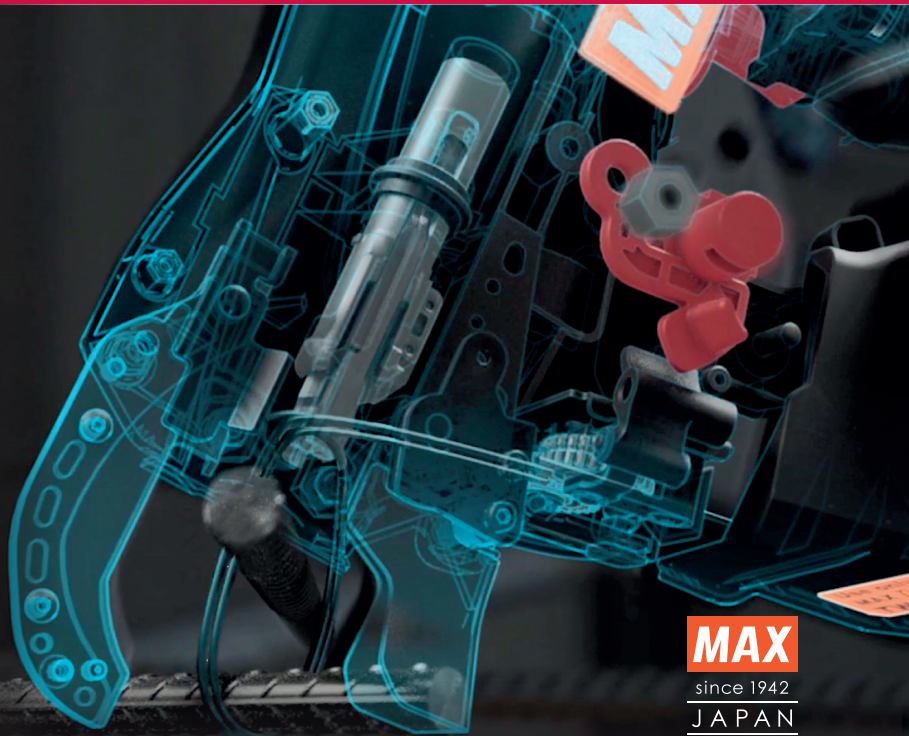
TWINTIER

TWINTIER

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 7th 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 7th 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



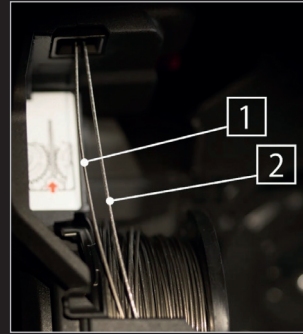
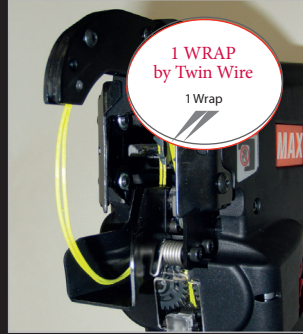
30 COILS / BOX

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

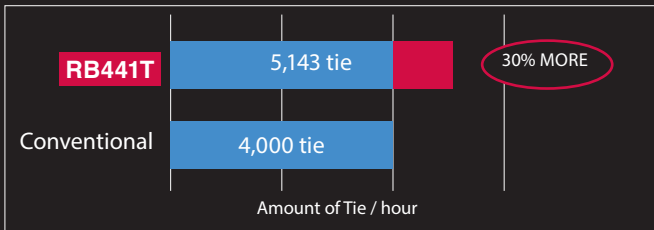


LESS WIRE BUT STRONGER TENSILE

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

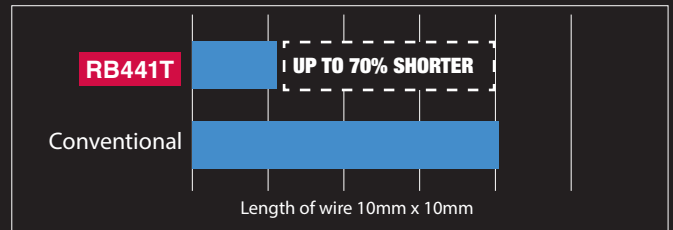
30% Faster Tying Speed

Saves time & Increases your productivity



Less Wire Consumption

Shorter Wire = Save you money



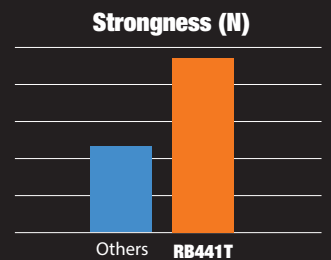
More Tie Capacity

200% more ties per coil



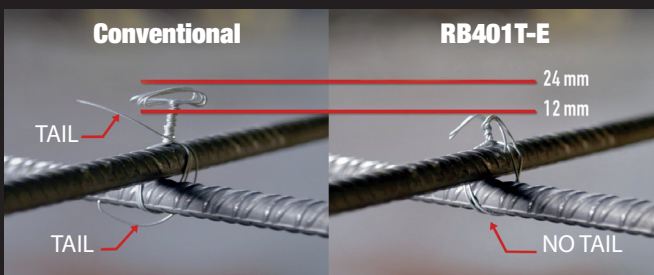
Stronger Tightness

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	RB218	RB398S	RB518	RB441T	RB611T	RB401T-E
	9 to 21 mm combination	20 to 39 mm combination	32 to 51 mm combination	TWINTIER 20 to 44 mm combination	TWINTIER 32 to 61 mm combination	TWINTIER 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 14.4V 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

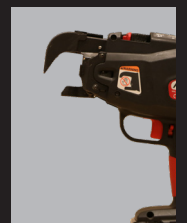


JC925A charger

Optional Accessories



Extension bar



Lift Up Nose

PJRC160 CORDLESS REBAR CUTTER

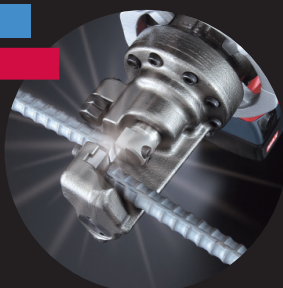
- Cutting speed: 3.3 sec (16mm rebar)
- 314 cut/charge for D16 rebar

MAX PJRC160 3.3 (sec)

A Company 4.9 (sec)

B Company 5.5 (sec)

(Ø16 mm RE-BAR)



Reversible cutter,
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

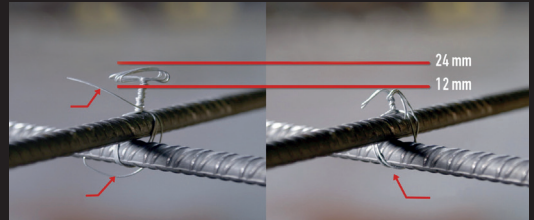


3 Contact Switch



RB401T-E

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



5 STANDARD INCLUDED

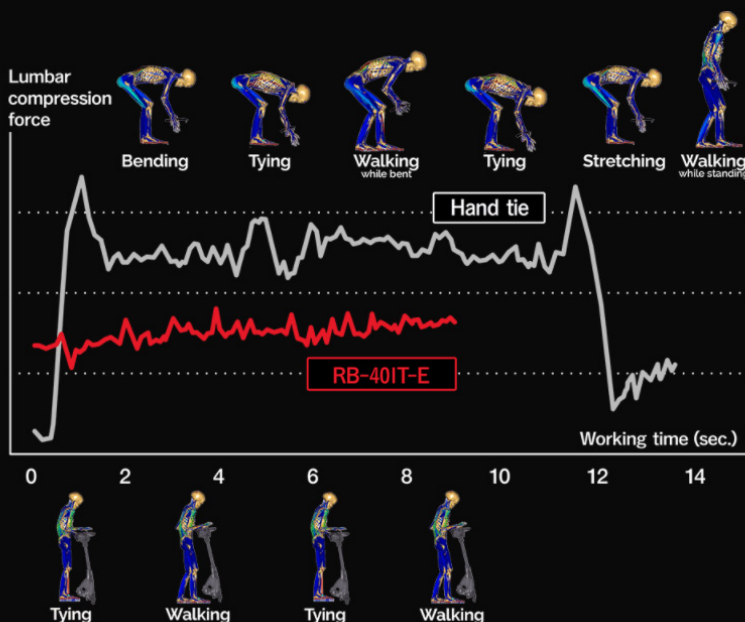


Plastic carrying case

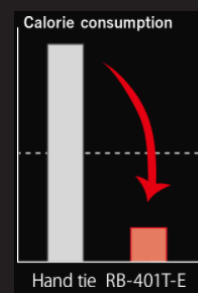
JC925A charger

REDUCES BACK STRAIN

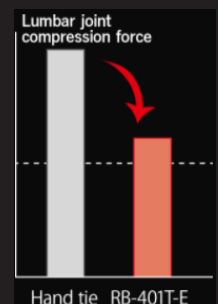
Changes in lumbar compression force during tying motion



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

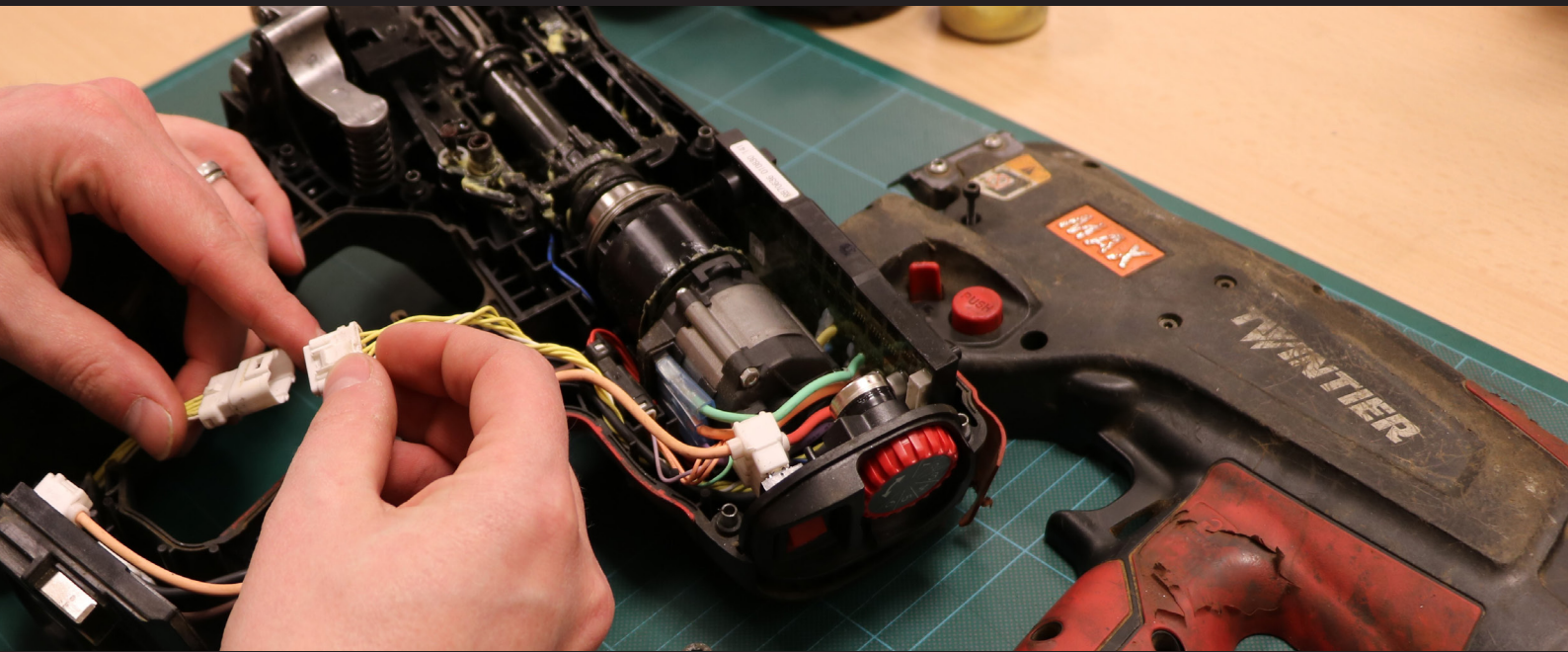


Windmill Construction



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

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PATENTED

EP3326949
RU2675942



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RB TT G Ver.7 EN