

"We Thought 50 mm Grout Tubes Had to Be Tied by Hand — Until the RB823T."

MAX

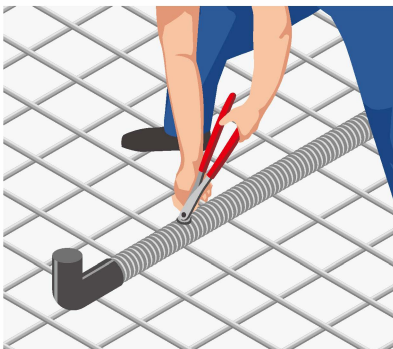
ENGINEERED FOR
PERFORMANCE

During market research in Australia, the MAX rebar tying tool "TWINTIER" RB823T was tested at a precast concrete factory and proved it could easily tie 50mm grout tubes to 12mm rebar — a task previously done by hand.

Impressed by the efficiency gain, the factory became the first in Australia to adopt the tool, showcasing its potential for similar facilities.



50 mm grout tube



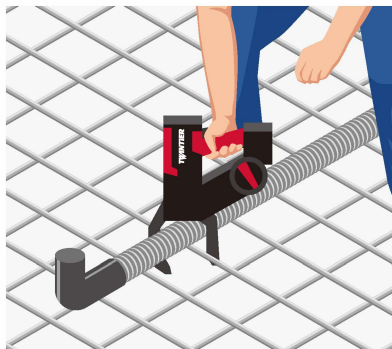
170 sec

170 seconds per operation
(6 tubes × 2 tying points)

14 sec

14 seconds per tie

Manual tying



47 sec

47 seconds per operation
(6 tubes × 2 tying points)

3.9 sec

3.9 seconds per tie*¹

-72%

RB823T

*¹ including the time spent inserting the tool's jaws into, and removing them from, the tying objects.

How much faster did it feel with the machine?

"It definitely felt at least 3 to 4 times faster."

*Individual results may vary.



*Actual results may vary depending on the site conditions. Please see the detailed test conditions for reference

41×41

Large-Diameter 41×41mm

Capable of tying rebar up to 41×41 mm.

0.7 sec

High Speed Tying 0.7 sec*²

Achieves tying in just 0.7 seconds a tie.

Tight

Wire pulling back mechanism

The wire pull-back mechanism creates a firm tie around various combinations of rebar sizes.

-10 mm

Reduced Wire Tie Height -10mm

Reduces wire height (24mm → 14mm) compared to conventional single-wire models*³.

*² time between pulling the trigger and completion of the tie

*³ A single-wire model refers to a battery-powered rebartying tool, such as the MAX RB518, which feeds a single wire strand to tie rebar.

The test conditions




Place	Precast concrete factory in Australia
Product	Concrete panels
Number of operator	1 person
Application	50mm grout tube x 12mm rebar, 9mm mesh
Condition	Grout tube tying performed under identical conditions: 6 tubes × 2 tying points 1) Manual tying 2) Tying with RB823T

Note: Results may vary under actual site conditions.

RB823T

TVINTIER

Applicable rebar size

Minimum	Maximum
 2 rebars combination	
22mm x 22mm	41mm x 41mm 51mm x 32mm
 3 rebars combination	
22mm x 16mm x 16mm	35mm x 32mm x 32mm 51mm x 22mm x 22mm
 4 rebars combination	
16mm x 16mm x 16mm x 16mm	25mm x 25mm x 25mm x 25mm



Features



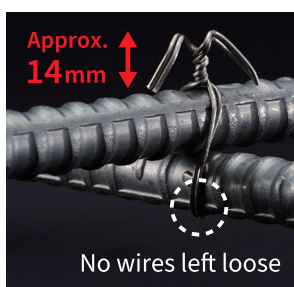
Up to 41 x 41mm

Suits up to 41 x 41mm rebar combination. It can also tie 25 x 25 x 25 x 25mm.



Wire loading assistance

Easily load the dual wires with the new wire loading assist mechanism.



Product name	RB823T
Item code	RB94019
Dimensions	H315 x W120 x L382mm
Item weight	2.7kg
Tie speed	0.7 sec
Ties per coil	85 - 165 ties
Ties per charge	Approx. 4100 ties
Ties / carton	Approx. 2550 - 4950 ties
Tie wrap	1 wrap with double wire
Battery	JPL91450A
Charger	JC925A
Battery charging time	80% charged in 60 min 100% charged in 80 min
Applicable rebar size	22 x 22 - 41 x 41, up to 25 x 25 x 25 x 25
Applicable Wire Product	TW1061T series
Standard accessories	2 x JPL91450A battery 1 x JC925A charger 1 x Carrying case 1 x Belt hook kit
Tension adjustment	6 levels
Country of origin	Japan

Applicable wires



TW1061T

Bright annealed steel



TW1061T-EG

Electro-galvanized steel



TW1061T-PC

Polyester-coated steel



TW1061T-S

Stainless steel



MAX CO., LTD.

Scan QR code to see details, ask quotation

https://www.max-ltd.com.au/rebar_tying_tools/products/rb823t/

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