

The logo for MAX, consisting of the letters 'MAX' in a bold, white, sans-serif font, centered within a solid orange rectangular background.

Discover solutions for PC Factory

- Productivity improvement by automatic rebar tying system -

BIBM Congress, Sep. 2023

MAX CO., LTD.

Sander van Harn

Sales Manager for Europe

at MAX Europe B.V.

Who is MAX

Since 1942
From JAPAN

MAX is a Japanese manufacture established in 1942.

We have been developing & manufacturing functionally differentiated unique tools, the world 1st products over several decades.

Today, MAX products are recognized as highly innovative and durable products for professionals in a variety of industries.



Introduction – MAX Rebar tying tool -

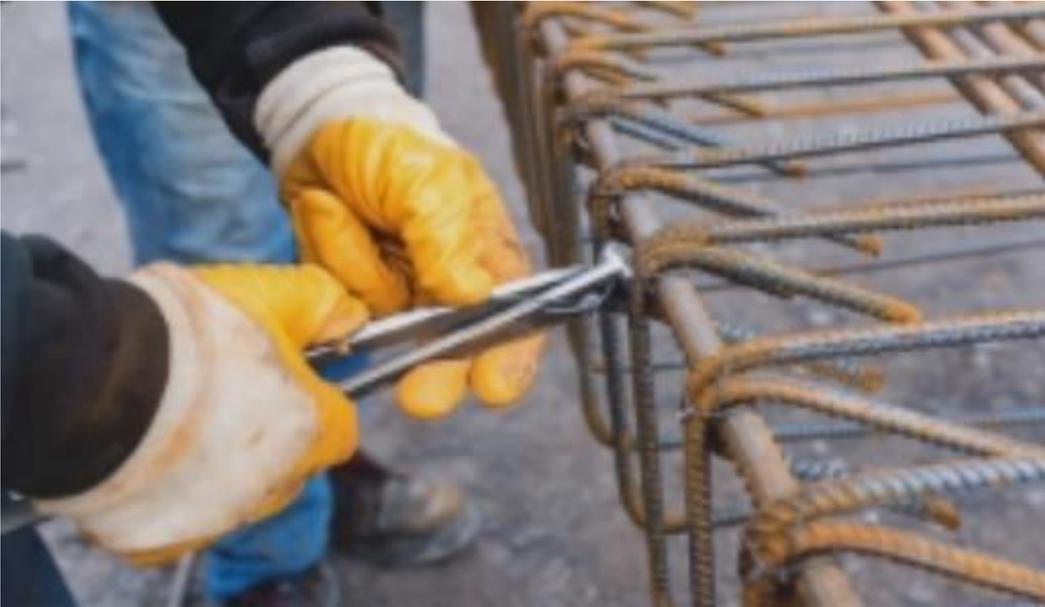
The World's First Battery Operated Rebar Tying Machine



Solution proposal – MAX Rebar tying tool -

Increase your Productivity

5 times faster
than hand tying

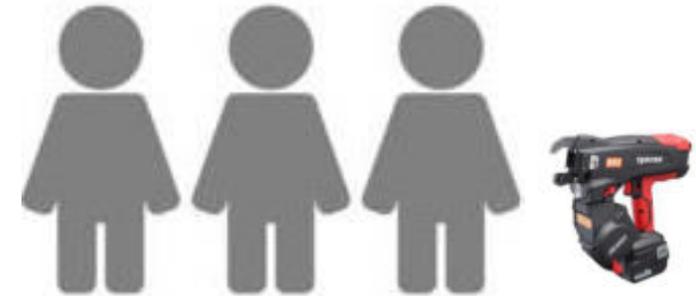


Operating it with just one hand leads to heightened productivity.

Solution proposal – MAX Rebar tying tool -

Addressing Labor Shortages

Labor Reduction through High Productivity



Efficient tying work can be performed by anyone.
Reducing training costs and time for unskilled workers.

Solution proposal – MAX Rebar tying tool -

Improve
working environment

Protect worker's health

- By Hand -



- By MAX RB441T -

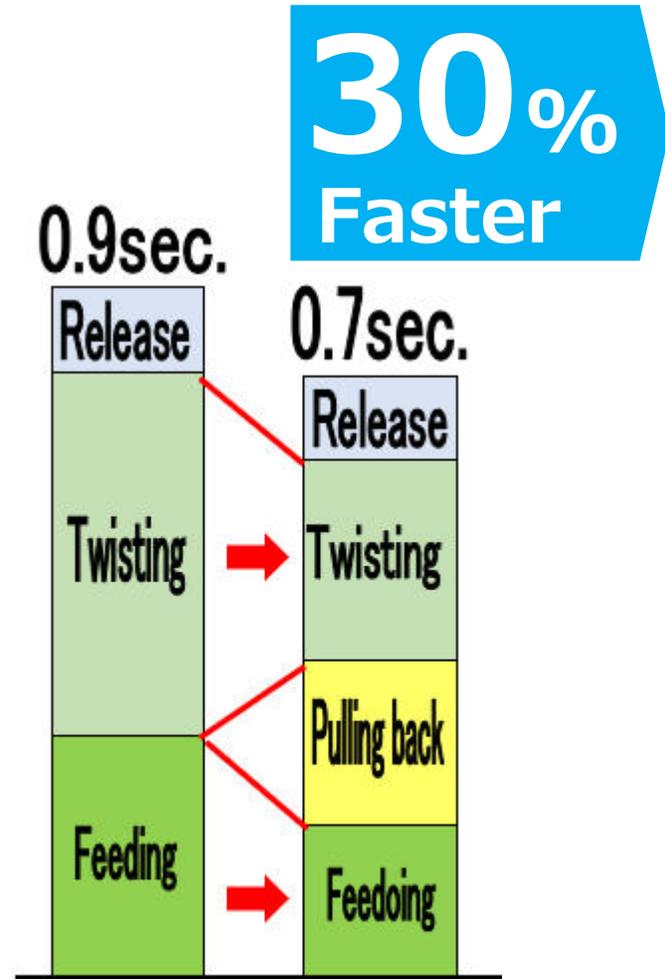
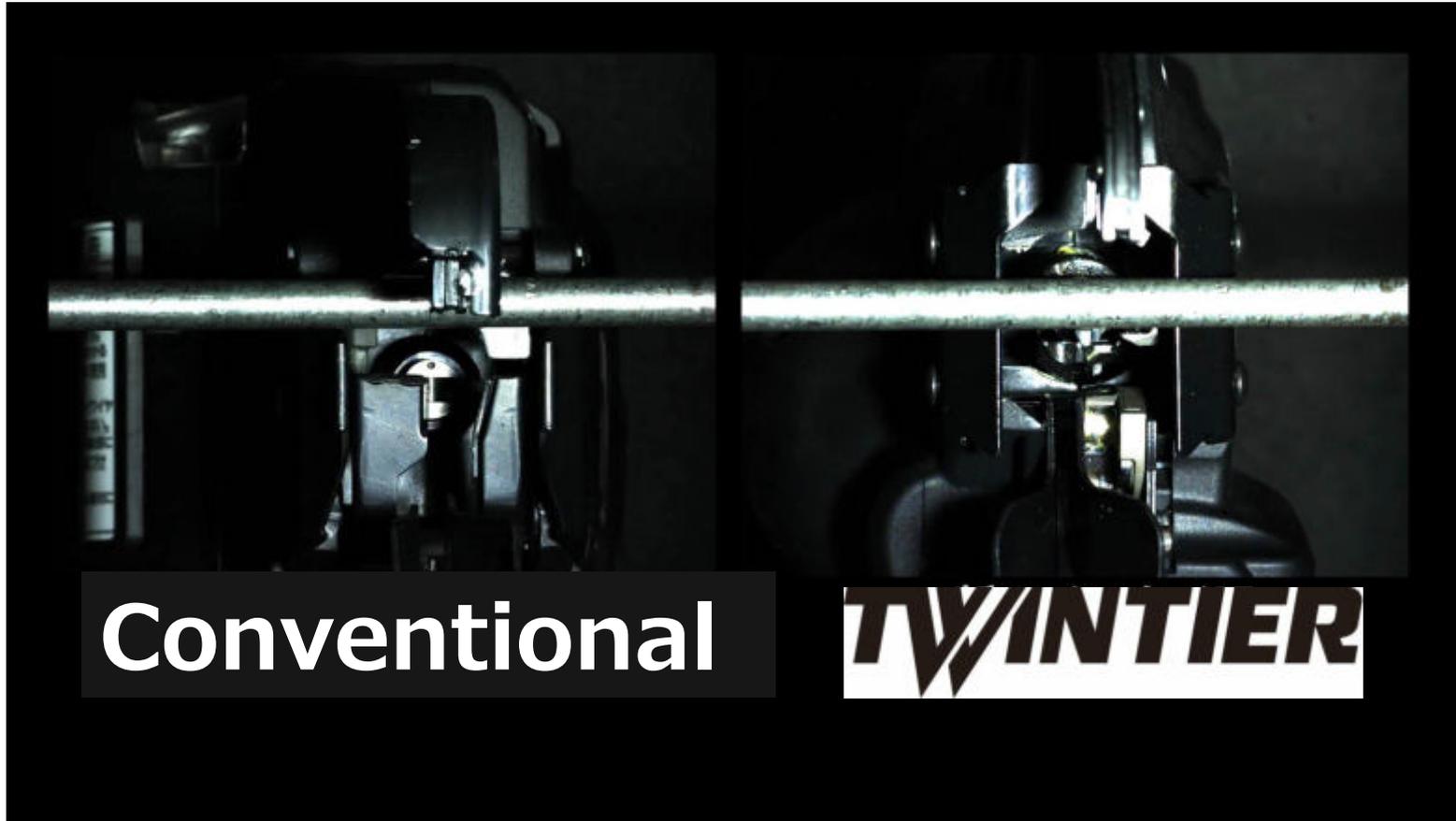


- Musculoskeletal disorders (MSD)
- Carpal tunnel syndrome (CTS)
- Repetitive strain injury (RSI)

* Visualizing tying works using skeletal analysis & modeling system.
Calculating calorie consumption by estimating muscle strength and muscle activity throughout the entire body.
Research conducted by TERRABYTE CO., LTD.

Advantages of **TWINTIER** over conventional tools

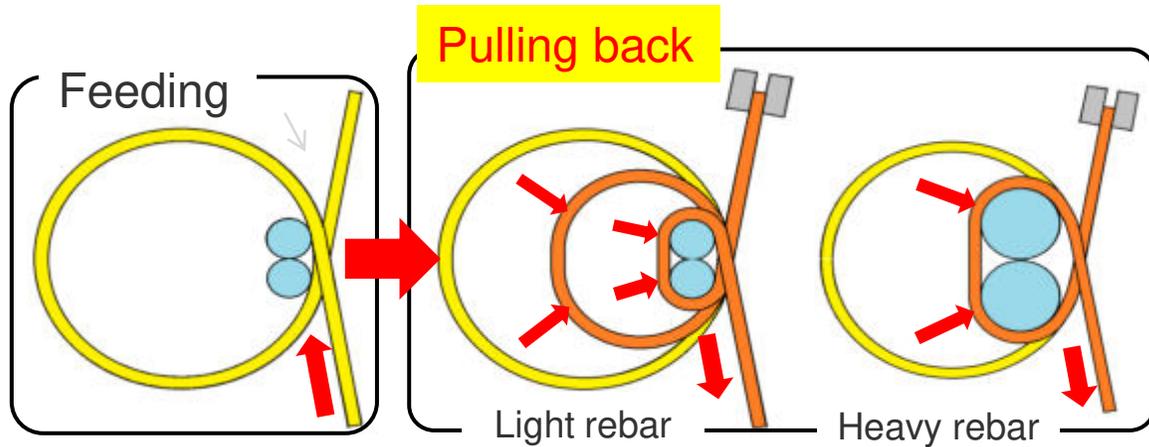
1) Tying speed



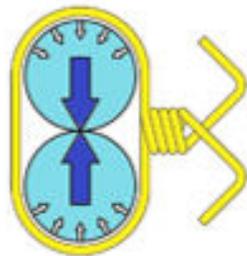
Save tying time, more production.

Advantages of **TWINTIER** over conventional tools

2) Tightness



**50%
Stronger**



More applicable application
by the stronger tightness.

3) Wire consumption

	Combination	Length of Wire	vs Conventional
20mm	10×10	118×2=236 mm	71% shorter
26mm	13×13	132×2=264 mm	68% shorter
32mm	16×16	147×2=294 mm	64% shorter
38mm	19×19	169×2=338 mm	59% shorter
44mm	22×22	185×2=370 mm	55% shorter

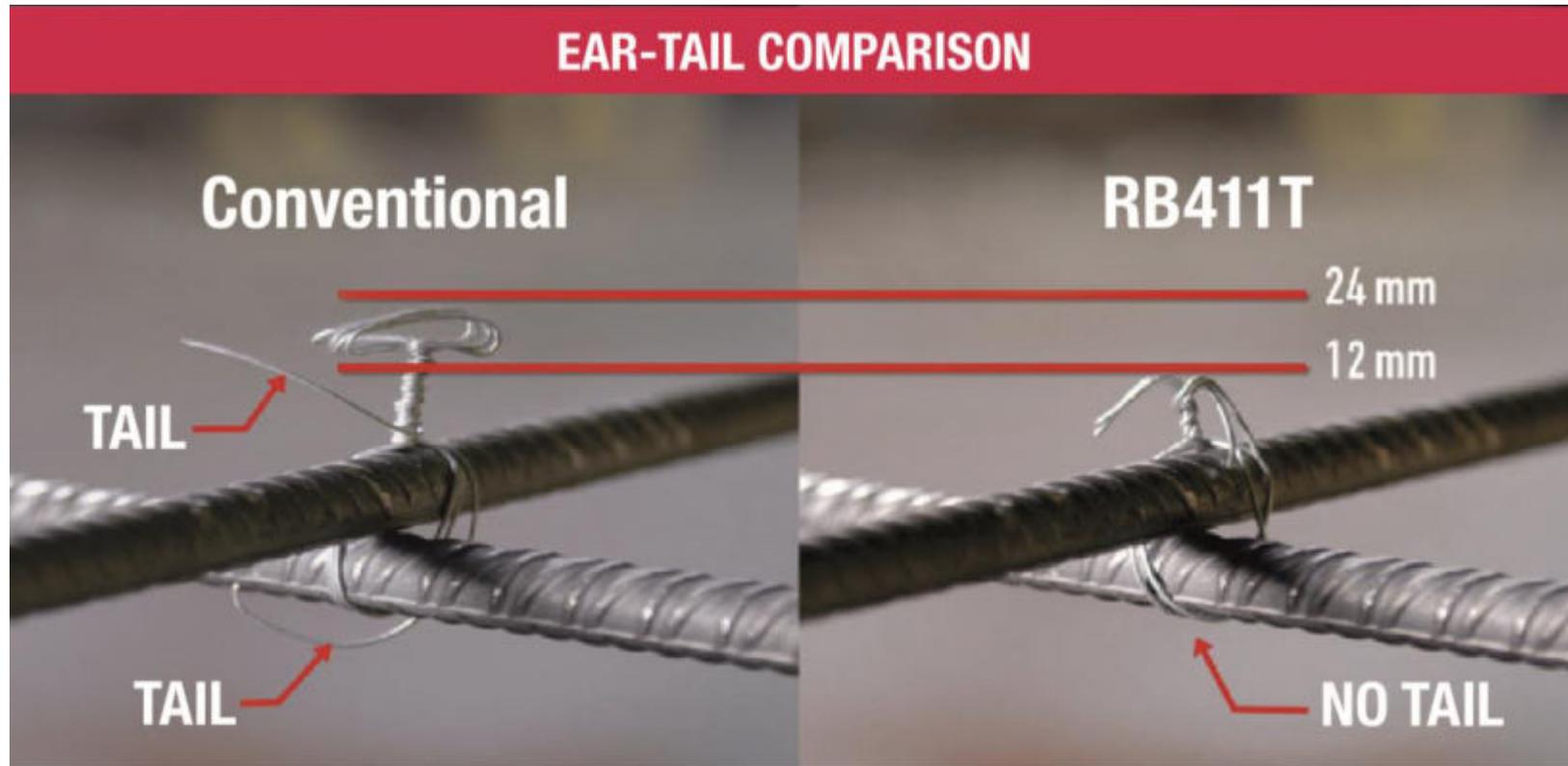
Maximum
**70%
Shorter**

More eco-friendly
and cost-effective.

Advantages of **TWINTIER** over conventional tools

4) Lower Ear & Without Tail

50%
Shorter



Minimize the risk of corrosion, improve quality of manufactured element.

Contact: sales@max-europe.com

Stand#48



Thank you for your kind attention.