Discover solutions for PC Factory

- Productivity improvement by automatic rebar tying system -
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.
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

- By Hand -

Protect worker’s health

- By MAX RB441T -

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

Reduce *

50% calorie consumption

* 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

Conventional

Twintier

Save tying time, more production.
Advantages of Twintier over conventional tools

2) Tightness

- Feeding
- Pulling back
- Light rebar
- Heavy rebar

3) Wire consumption

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

50% Stronger

More applicable application by the stronger tightness.

Maximum 70% Shorter

Advantages of **TWINTIER** over conventional tools

4) Lower Ear & Without Tail

Minimize the risk of corrosion, improve quality of manufactured element.
Contact: sales@max-europe.com
Stand#48

Thank you for your kind attention.