

Rebar Tying Tools Revolutionizing Precast Plants

MAX

Precast Concrete Plants can utilize an alternative solution for hand tying to reach maximum potential, meet deadlines and most importantly reduce injuries.

ENGINEERED FOR
PERFORMANCE

MAX is celebrating it's 30 year anniversary for the world's first battery-operated rebar tying tool and its release into the Japanese market in 1993.



RB398



RB441T

Evolution of Rebar Tying Tools

Every generation of MAX rebar tying tools brings greater efficiency and productivity to job sites around the world. From the original rebar tying tool RB262 in 1993 to the TwinTier RB401-E introduced in 2020.

With over 30 years in experience, MAX has raised the bar when it comes to increasing worker efficiency, cutting operating costs for companies and reducing back and musculoskeletal injuries amongst reinforcing ironworkers.

Our newest platform, TwinTier®, features three new innovative mechanisms that has raised the bar. These features have:

- Double the speed of each tie to approximately 1/2 second.
- Increased cost savings by using less wire for each tie made.
- Lower tie height on each tie made.

The TwinTier® RB441T was released in 2018 and is the fastest solution on the market for tying #3 x #3 to #7 x #7* rebar combinations.

The TwinTier® RB611T was released in 2019 and it is still the largest capacity rebar tying tool on the market. It ties #5x#5 to #9x#10* rebar combinations.

The TwinTier® RB401T-E was released in 2020 and is the world's first and only battery powered stand-up solution for tying #3 x #3 to #6 x #6*.

*Depending on rebar manufacturer

TWINTIER™



Precast Plants Adopting Rebar Tying Tools

With the constant innovation of Rebar Tying Tools, Precast Plants across the US have kept up to MAX's newest platform. They have seen the cost savings going up and timelines being met! With the TwinTier® newest mechanisms promoting the lowest possible tie height of approximately 0.43" down from 0.83" you will see less concrete to be used to cover the tie and by having metal ends facing down you can assure employees safety.

To add to the savings MAX has added a Wire Pull Back Mechanism used to feed the exact length of wire to be used. Compared to MAX's older platform they will only wrap once instead of 3 or 4 wraps like a single wire tying tool model. Less wire does not mean weaker ties! This mechanism pulls the wire back after making a loop initiating a stronger tire with a thicker 19Ga. wire compared to the previous 21Ga. wire.

"When making ties with the TwinTier the leftover tie wire is a lot shorter, but when we have the longer wire from the RB518 we have to cut them off or tuck them in by hand. The RB441T leaves the shorter end of the tie wire and it is doubled over so it is not sharp, we don't get guys poked on anymore. The length is perfect. The time saving between the RB398 and RB441T is around 25%, we are making 36 to 40 cages as of today. It has given us the freedom to use those extra three guys into doing layouts. It is faster and uses less tie wire which means less down time in changing out rolls of tie wire"

(Eugene Jensen
Sr. Superintendent, Clark Pacific)

*All MAX products are protected by registered patents and design rights including trademarks. For details, please contact MAX.

30 YEARS OF REBAR TYING TOOLS

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