

# DARE TO COMPARE

## HOW DOES YOUR BUCKET STACK UP?

HD-MAX (MAXI-LIFT)

**1<sup>ST</sup>**



CC-MAX (MAXI-LIFT)

**2<sup>ND</sup>**



PATENT PENDING

Ask about the  
Maxi-Lift  
**3 FOR FREE**  
Sample Program!

CC-HD (TAPCO)\*



### CRITICAL DESIGN FEATURES

<b>1</b> CORNER THICKNESS INCHES	0.372 (+53%) <b>1<sup>ST</sup></b>	0.346 (+42%) <b>2<sup>ND</sup></b>	0.243 (BASELINE) <b>LAST</b>
<b>2</b> FRONT LIP THICKNESS INCHES	0.328 (+36%) <b>1<sup>ST</sup></b>	0.314 (+31%) <b>2<sup>ND</sup></b>	0.240 (BASELINE) <b>LAST</b>
<b>3</b> BUCKET WEIGHT LBS.	1.20 (+16%) <b>1<sup>ST</sup></b>	1.18 (+14%) <b>2<sup>ND</sup></b>	1.03 (BASELINE) <b>LAST</b>
<b>4</b> BUCKET CAPACITY CUBIC INCHES	107.4 (+9.7%) <b>1<sup>ST</sup></b>	101.0 (+3%) <b>2<sup>ND</sup></b>	97.9 (BASELINE) <b>LAST</b>

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Disclaimer: The thickness measurements were taken from 9" x 5" polyethylene elevator buckets. The thickness measurement testing was conducted by GeoTesting Express, an independent testing laboratory. Weight and capacity figures were taken from published literature. Copies of the testing reports are on file at Maxi-Lift. \*Tapco and blue buckets are registered trademarks of Tapco Inc. Percentages are measured gains over the Tapco bucket.

## **1 CORNER THICKNESS**

Front corners wear faster than any other surface, leading to premature failure. Wear eventually weakens the face of the bucket, causing it to be torn away. Maxi-Lift buckets are designed with more material in the corners to fight against this common problem. Compare the HD-MAX and CC-MAX corners to the CC-HD.

# ***WHAT WE MEASURED, AND WHY IT'S IMPORTANT TO YOU...***

## **3 BUCKET WEIGHT**

The weight of a plastic bucket is an excellent indicator of the amount of material built into it. Put this added material into the wear areas, and you get a longer wearing, more efficient bucket. Lighter weight buckets mean thinner, faster wearing buckets.



## **2 FRONT LIP THICKNESS**

Front bucket lips can wear quickly because of continuous abrasion as they pass through the inlet stream. As it wears down, carrying capacity and efficiency are lost. Example: The loss of 1" of lip area on a 14x7 bucket results in a total capacity loss of 25%! To maximize life and maintain capacity, a thicker lip is critical. HD-MAX and CC-MAX were built with that in mind.

## **4 BUCKET CAPACITY**

Every bucket is measured to accurately test its carrying capacity, key to efficient elevator operation. The more bucket capacity, the higher the available throughput. The HD-MAX and CC-MAX were both designed with more capacity to improve throughput over other buckets.

Turn over for the results.