



Circular Solutions

A case study from Algood Caster Innovations

Re-tooling with RollX™



Sometimes you have to look beyond short term considerations to see long term value. That's why MacTools made the switch to Algood's trademarked RollX wheel.

Phenolic wheels have been a mainstay of the caster business for years. They are durable, have high weight capacity, are available in a variety of configurations and have a wide range of applications. Phenolic wheels also have some environmental benefits because they are made from macerated denim. On top of all that, they are a budget-friendly choice.

MacTools had been using Algood casters with Phenolic wheels for years. But here's the problem. Tool boxes are used in really demanding environments. Surfaces are uneven and made of varying material. You can find anything from battery acid to grease to

transmission fluid on shop floors. Boxes get moved frequently and some of them need to hold thousands of pounds of tools.

Tom Jech, senior product manager at MacTools, says they were seeing lots of wheels chipping, cracking and degrading. The people at Algood noticed the same thing and began thinking about the best option. It became clear that Algood's RollX™ wheel was an ideal long term solution.

Before MacTools would make the switch they had to be certain that RollX could meet the challenge. With the same conditions that are used for tool boxes, RollX was put to the test. Casters were mounted on a unit and rolled on a test track with varying surfaces including diamond plate, steel, grate and epoxy. In all, the wheel had to maintain its integrity through a minimum of 5,000 cycles. It passed with flying colours.

The nylon filled RollX wheel is virtually maintenance free. It resists water and almost all chemicals and can accommodate the most demanding of surfaces. Its slightly higher unit price is balanced by lighter weights and reduced shipping costs. More importantly, the RollX wheel lasts five or tens time longer than a Phenolic wheel making it more cost effective in the long run.

For MacTools the switch to RollX has, as Tom says, “worked out great.” They have fewer complaints, they are not replacing casters and “life is good if you’re not getting calls.” Beyond that, Tom has been impressed with Algood’s ability to develop other solutions. When they needed a caster that could handle bigger boxes, Algood developed one with a precision bearing that can not only handle the weight but is also 30% easier to move. Algood also custom designed a braking solution for particular boxes.

The switch to RollX is just part of the value that Tom sees in the relationship with Algood. “They are very responsive and always come to the table with a number of solutions,” he says.

If you’re as sophisticated and customer-oriented as MacTools or just concerned about longer term cost effectiveness, maybe you should consider a RollX re-tool.

For more information on how Algood Caster Innovations can provide solutions for your wheel and caster needs, call 1-800-254-6633 or email service@algood.com. Visit our website at www.algood.com.