

SuperTow Carriage Loading

During your ownership, you may notice reduced capacity or failure to load aircraft into the SuperTow carriage. This issue is readily solved.

We recommend all loading and unloading operations to include chocking the mains.

In most cases you will experience a failure to load when the drawing below left happens. The carriage roller contacts the ground. This negates the tug's ability to lift the aircraft and continue the loading process. This situation equates to the tug being chocked and the drive tires will often spin.

In a situation where the tug has previously serviced an aircraft untroubled, this indicates the tug's drive tires are low. Intervention #1 should remedy the issue. With a new aircraft the indication can be the tug's drive tires are low or the nose gear of the new aircraft is heavier than expected. Start with intervention #1 first and retest the tug, proceed with #2 if necessary.

1. Inflate the tug's drive tires to 24 – 30 PSI, check and inflate aircraft tire to recommended PSI
2. Contact PowerTow to acquire a lift kit for your specific tug.

Overly smooth or painted floors may present this issue as well.

Please contact PowerTow for a tech to discuss mitigation options.

The correct operation of the carriage is depicted by the drawing below and right.

