

TRACTION

Quick Read

Drive Tire Traction – HD Dually’s or No Dually’s

Dual drive tires on both sides (4) total tires vs. just one drive tire on each side (2) total tires.

Competitors have been saying that more tires are bad for traction. (I disagree)

Here’s been my experience over the past 21 years: basically it all depends...

Weight distribution - equal effort applied more PSI less tire vs. more tire contact surface on the ground yielding less PSI.

Yes, for equal effort exerted – the more tire you have on the ground the less PSI you have for traction. However the larger the “contact patch” of rubber you have works as well. So what do you do...? *Keep reading*

Drag Racing – for instance in the wider the tire the more traction but only to a point. If the tire is too wide it works against you, not wide enough and it works against you. There is a happy medium in that equation and that industry has it figured out.

TUGS – The big drive tires on the 24v Nose-PICKER are nice, they work well, and you can play with the air pressure for more or less bite. However, I suggest purchasing the HD dually with 2 big drive tires on each side (total of 4) because in some cases with heavier aircraft as in light twins like Baron’s, C337 etc. the actual “CONTACT” foot print of the tires on the ground will likely be needed. As in drag racing sometimes wider is better.

Nose-PICKER vs. Others – with ours the physical advantage is a “longer” & “stronger” handle bar than some of my close competitors. This is important to understand. The longer & stronger the handle is the further away from the drive tires you are and the more physical force you can apply onto the drive tires using the “same effort”. Some customers have already noticed this and reported back to me about it because they had my competitor’s tug for a while then purchased ours when searching for a replacement.

At the end of the day – I recommend the dual drive tires on each side if: you have a twin, or if you have a single and you are pushing back “uphill” against more than the average slope..., or pushing over those stubborn door tracks or lips and need more bite on the concrete.

FACTS are FACTS:

- You the operator have a “definite advantage” using the HD model with Dual drive tires.