

TITAN EXPRESS



First Look: V-Floor Asphalt Trailer Earns High Marks For Large Paving Jobs

With its level unloading system and more load capacity than traditional dumps, Titan's 48 ft. asphalt trailer allows significantly faster duty cycles, lower project costs and improved safety on the jobsite.

Application/Loads:

- Paving: Hot mat asphalt

Custom features:

- Heat resistant V-Floor unloader
- Shortside body height
- V-Flow clean-out system

John Pursely, the owner of a small southern Ontario paving company, believes he found a new competitive edge to help him win bids on larger contracts in the region.

"The V-Floor unloader lets you control the flow rate completely. You could unload 40 ton in 10 minutes...so it will keep up with any paver!"

Pursley Paving (est. 1947) was among the first paving contractors to test out the new V-Floor asphalt trailer by Titan Trailers Inc., of Delhi, Ontario. Pursely put it to work and now looks forward to saving costs with the unique unloader system in the coming year.

According to John Pursely, the new 48 ft. 5-axle trailer pays off for pavers by providing excellent load control, improved safety, bigger payloads and faster duty cycles than traditional dump trailers.

Titan introduced the world's first V-Floor trailer in 2003, adapting the steel-slatted live floor system from KEITH® WALKING FLOOR® to Titan's aluminum body THINWALL trailers for extreme-duty applications. Combining durability, high bulk capacity and a level loading floor, the Titan V-Floor trailers has received an enthusiastic welcome from scrap metal haulers and in mining and forestry

applications. The newest version of the V-Floor trailer has been modified to handle the high heat of hot mat and to simplify clean-out. The height of the trailer was also shortened to reduce its weight and to help it retain heat in the asphalt.

Because the V-Floor unloads without dumping, says Pursely, the trailer delivers a better result for less cost. "On larger projects, you'll see trucks dumping into a buggy to remix the asphalt before it feeds into the paver," Pursely says. "With the V-Floor unloader, you don't get segregation in the material. The asphalt walks off evenly. It drops maybe a foot of the load at a time, and you get a complete cross-section of the material. The hot mat basically remixes as it falls into the paver's hopper."



Control + Safety = Savings!

Pursely also appreciates the flow control and safety the trailer provides by unloading without having to elevate the body.

"With a dump body, once the load starts, it's coming! The V-Floor lets you control the flow rate completely. It comes with a remote control, too, so you could even run the unloader from the paver! You could unload 40 ton in 10 minutes if you wanted to so it will keep up with any paver! The V-Floor trailer can also drive along on the shoulders of the road, where the slope might be too steep for a dump to raise a full load without tipping. And when you're working around bridges or overhead wires, you don't need an extra flagman on the job because there's no danger cutting any lines."

Fewer and faster duty cycles

The strong but light extruded aluminum sidewalls and coupler plate of Titan's patented THINWALL body allow significantly larger payloads than steel dumps, while the V-Floor design eliminates the weight of the dump's subframe. With the larger payloads and the efficiency of the Titan trailer, Pursely predicts that by using one of these trailers, he could have completed more shifts on his paver with fewer trucks. "If



Keeping the trailer level as it unloads eliminates segregation of the material, so there's no need to remix before paving.



Titan's V-Plow system automatically cleans up the solid steel floor as the asphalt is walked off into the paver.

you have less trucks doing the same work in every shift, by the end of the season, that's a huge competitive edge" he notes. "Plus, with its lighter weight, you save on fuel for the return side of every duty cycle. For some of the bigger jobs I did earlier this summer, I could have blown my competition right out of the water if I'd had this trailer."

Titan also equips its asphalt trailer with a new V-Plow clean-out system, another Titan innovation that follows the load off and cleans up behind automatically, saving even more time between cycles. "I bet a guy couldn't sweep up a handful of material from what was left inside. Saving maybe a half-hour a day, that could add up to \$1000 savings a month all on its own."

Titan President and founder Mike Kloepper says he is very pleased with the response this trailer is getting from pavers, and expects that more advantages will prove out as they go into more widespread service. "One reason our V-Floor trailer has caught on so well, is its incredible versatility. It's what you need for abrasive bulk materials and heavy demolition or scrap loads. But then you can load it with anything you might put in a dry van or flatbed or hopper trailer, from aggregate to palletted products," he explains. "Paving companies in the south can run these units as asphalt haulers and earn more with them all year. But our customers in colder climates can now look at different contracts too, to keep their trailers running when paving is in its off-season."

"It's all about finding more ways to help our customers operate their businesses more profitably."

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