



EQUIPPED FOR *MORE* AutoTension Feature

As the need for long or large diameter crossings continues to grow and evolve, Vermeer is equipping you with more features to get the job done. The latest optional feature is AutoTension, available on the Vermeer D220x500 S3 horizontal directional drill (HDD).

If connecting two drills to the same drill string to ream back and forth is a common occurrence on your jobsites, then the AutoTension option can help maximize your crew's productivity and time.



Make exit-side connections

Maximize jobsite efficiency with the ability to pull the reamer from entry side or exit side. With AutoTension, contractors can connect directly to the HDD on the exit side and set back the tension needed to centralize the reamer without having to manually engage the joystick.



MORE ways to install longer distances

AutoTension optimizes the process of connecting two HDDs to the drill string, helps maximize jobsite efficiency and eases the experience of exit-side personnel.





Fluid logistics become easier

Being able to pump from the exit side significantly minimizes the need for vacuum excavators or trucks to transport fluid back and forth.

Reaming flexibility

The ability to pull ream from either side, with the capability to apply tension to the tail string to optimize the reamer position in the bore without the use of a swivel, can significantly expedite the process.

More efficient tail string operations

AutoTension eliminates the need for locking swivels, which are cumbersome and maintenance intensive.

Designed for operator productivity

AutoTension allows the HDD on the exit side to stay connected to the drill string, while the HDD on entry side is rotating the drill string. It also allows the exit-side operator to preset the tension applied to the tail string, which can optimize operator comfort and training.



Learn more at vermeer.com or contact your local dealer.



FREQUENTLY ASKED QUESTIONS

How does AutoTension work?

While the details of the system are still patent pending, AutoTension provides a constant back-pressure on the tail string through a system that was developed specifically to increase reamer penetration. Drill one bores out, connects with drill two and AutoTension is then put to work. The drill running AutoTension applies back-pressure while the other drill drives the drill string forward.

If purchasing a new D220x500 S3, will AutoTension be included?

AutoTension is listed as an available option.

How does this compare to a locking swivel?

AutoTension is unique in that it can keep the reamer centralized compared to a locking swivel. With AutoTension a swivel is not required, which would eliminate any need to change the state of the swivel.

What is the benefit of AutoTension?

This feature can increase reamer penetration and has the potential to increase reamer life when used properly. This increase is due to reduced pressure and swivel on the reamer and drill string, because the reamer is centralized in the bore, which has the potential to reduce “walking” or “bouncing”.

Can you retrofit a Vermeer D220x500 S3 with AutoTension?

Yes, the D220x500 S3 can be retrofitted with AutoTension only by an authorized Vermeer dealer. Reach out to your local Vermeer dealer to get started.

Do both HDDs on a jobsite need to be D220x500 S3 models equipped with AutoTension to utilize the feature?

A variety of Vermeer HDD machines can be paired with the D220x500 S3 and equipping both with AutoTension will maximize performance.

