

WHY JT28 + JT20?



Scalable, Precise, and Reliable Directional Drilling Solutions

Joseph Engineering operates both Ditch Witch JT28 and JT20 horizontal directional drills, allowing us to match the right equipment to each project for maximum efficiency, safety, and precision.

JT28

High-Performance Backbone & Larger-Diameter HDD

- Long-distance bores (5,000+ ft)
- Larger-diameter pipe installations
- Major water, sewer, and fiber backbone projects
- Challenging soil conditions and critical crossings

JT20

Precision HDD for Tight Corridors & Medium-Scale Work

- Short to mid-length bores
- Urban or constrained sites
- Service laterals and distribution lines
- Dense utility environments requiring accuracy

Why the Combination Matters

- Right-sized drilling improves accuracy and lowers risk
- Increased schedule reliability with flexible equipment deployment
- Reduced surface disruption when paired with hydro excavation
- One contractor handling potholing, HDD, utilities, and restoration

Our JE Core Values

Innovation: Modern HDD and hydro excavation technology

Quality: Precision work through proper equipment selection

Safety: Reduced utility strikes and controlled drilling methods

Collaboration: Clear communication and partnership from start to finish

What This Means for You

From tight urban corridors to long-distance backbone installations, Joseph Engineering delivers reliable, precise, and worry-free trenchless solutions using the JT28 and JT20.