

TERMINUS

2026



Terminus is a truck-mounted boring platform that drives ready-built hardened modules into undisturbed ground, emplacing a protective position under earth cover with no open excavation.

CAPABILITIES

- **RAPID CONCEALMENT OF CRITICAL ASSETS:** buries mission-critical assets, using surrounding earth for blast protection and signature reduction.

TRASAR

Performance Snapshot

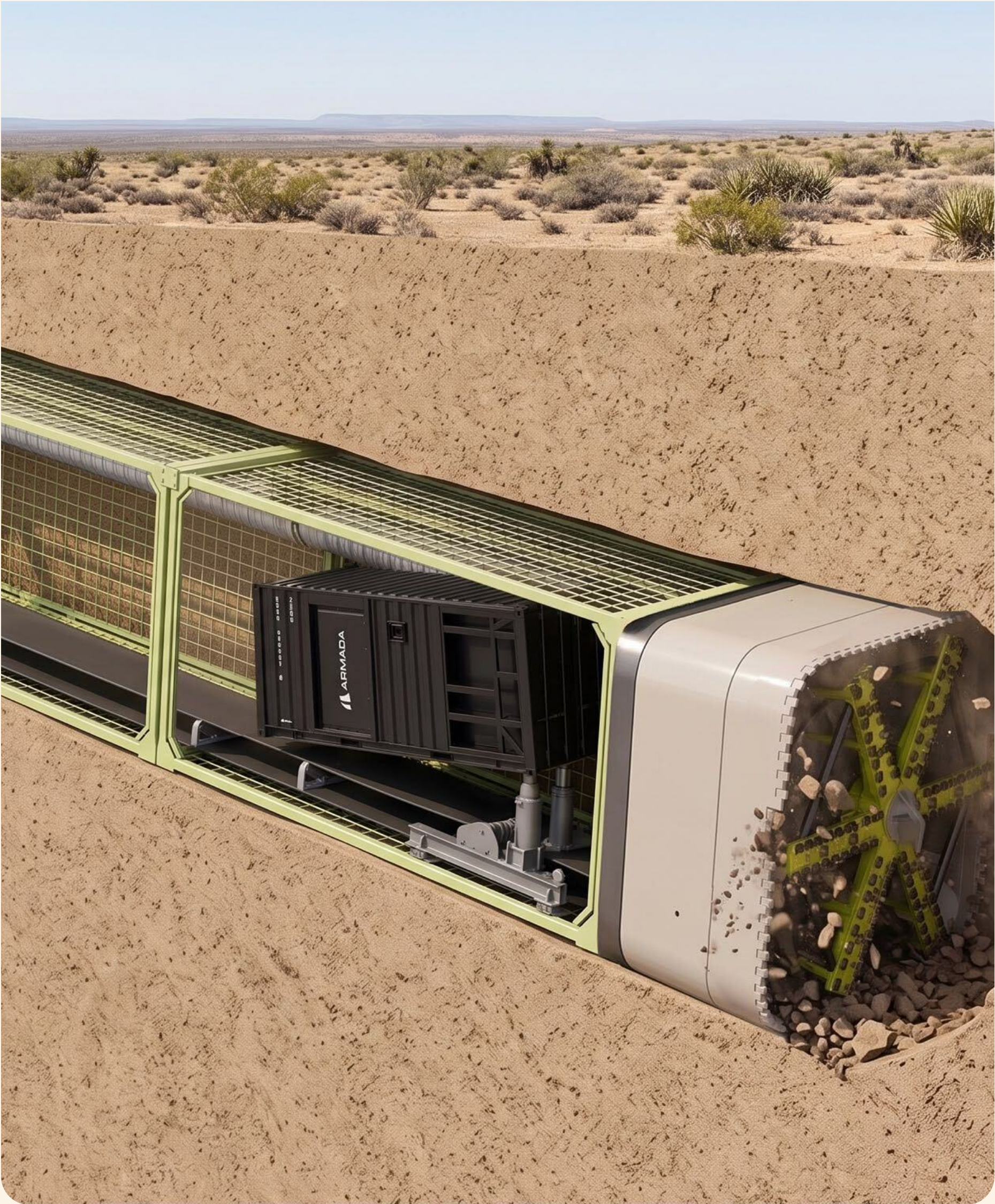


Parameter	Specification
Protected space dimensions	13' × 11'5" square profile; open-ended length in 10 ft modules
Advance rate	15 ft/hr
Excavation method	Square-profile frame jacking
Deployment	Heavy truck; launches from the trailer; no launch pit
Trailer dimensions	49'3" × 8'2" × 11'10"
Geology	Clay, silt, sand, gravel, mixed ground, hard rock
Control & Autonomy	Autonomous excavation under human supervision
Crew	2
Power and endurance	Diesel; battery option
Time to operational	1 hr

TRAYSAR

TERMINUS: Capability Brief

Rapid Underground Emplacement of
Critical Assets



Terminus is a boring platform that rapidly emplaces critical assets, either buried beneath the surface or tunneled into a hillside. Each facility integrates ventilation and utility lines to sustain operations underground.

Operational gap

- Emplacing critical assets underground relies on cut-and-cover construction, which demands significant engineering support and extended exposed construction periods.

How it works

1. Deploys from a single 49’ road-legal trailer towed by a heavy truck. A second vehicle carries the collapsable HESCO caging and the critical assets, minimizing the logistical footprint
2. Raises the launch bed, and drives the first cage into undisturbed earth by square-profile frame jacking. Unlike cut-and-cover, no trench is opened and none has to be backfilled, and the surface signature stays minimal throughout.
3. Advances cage by cage. As each cage reaches full depth, the launch system loads the next foldable cage and jacks it in behind, extending the protected space in 10 ft modules for as long as the mission requires.
4. Executes the full excavation cycle autonomously under remote human supervision, with a crew of two.

Applications

- Protected subterranean space for mission-critical assets:
- Emplacing containerized command posts and communications nodes under earth cover.
 - Hardening tactical data centers and mission command systems against precision strike.
 - Sheltering HIMARS and other launchers in hardened drive-in hide sites between fire missions.
 - Protecting interceptor reloads and munitions in hardened magazines.
 - Prepositioning war reserve materiel and airfield damage repair sets at dispersed operating locations.