



Air Knife Capabilities

Microseeps' Field and Consulting Services

The air knife penetrates soil, without harming buried pipes or cables.



The air knife is used for utility clearance prior to any ground intrusion, such as drilling, direct push, back hoe, and other heavy equipment. This is an important tool in ensuring there are no surprises during subsurface work. The air knife is particularly useful when public utility maps show lines extending on to a site, but private records cannot confirm onsite locations.

The air knife is the best alternative to conventional hand clearing, such as the hand auger, post hole digger or spud bar and hammer. Any of these methods can result in damage to unknown utilities. The air knife is

capable of penetrating soil and exposing utility lines without causing damage to the lines.



Air knives are so safe that they are also used by arborists to expose delicate root systems for treatment. Yet, they dig up to 50% faster than other air based excavation equipment.

In addition, the air knife can be used to install shallow vapor points for vapor intrusion studies. Using the air knife for this purpose reduces the cost of the actual vapor point used, greatly reducing the cost of the project.

