

Best Practices

SAFETY INSTRUCTIONS

ALWAYS

Wear appropriate protective work clothing and equipment. Cut and puncture resistant gloves, approved safety glasses, face protection and approved hearing protection must be worn while operating the UTILITY AIRSPADE. Eye protection should comply with ANSI Z87.1-1989. Ear protection should provide NRR of at least 20dB.

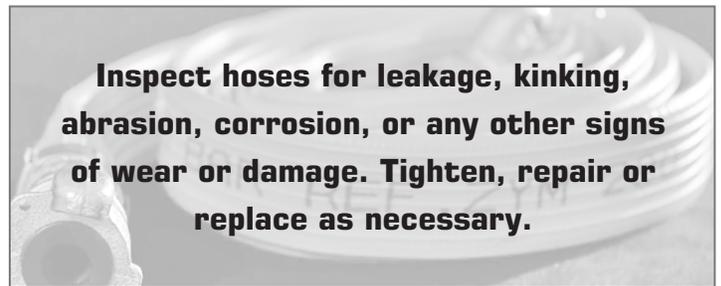
Wear approved, electrically insulated footwear and gloves if working near underground utility lines.

Wear approved respiratory protection when working in extremely dusty conditions.

Ensure that all personnel near the area being excavated are aware that the UTILITY AIRSPADE is being used and that they wear appropriate personal protection as indicated.



Protect surfaces that could be chipped, or damaged by dislodged soil or rock particles adjacent to the excavation work area by using suitable drop cloths, screens or other means.



- **Operate** the UTILITY AIRSPADE until the operating instructions are read and fully understood.
- **Make** any modifications to the UTILITY AIRSPADE.
- **Tie**, Tape, or other wise Lock or Fasten the trigger in the "on" position.
- **Point** or aim the UTILITY AIRSPADE at any person during operation.
- **Allow** hands, feet, or any body parts near the UTILITY AIRSPADE nozzle tip during operation.
- **Use** the UTILITY AIRSPADE as a pry bar.

Best Practices

OPERATING INSTRUCTIONS



Excavation Tips

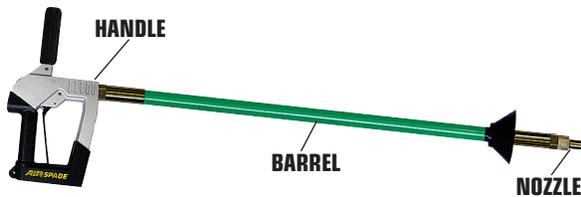
Watering the work area ahead of time can often be helpful. Watering reduces airborne dust if the soil is extremely dry. It also reduces the soil strength making digging easier.

For deeper excavations or trenches loosen the soil in layers of several inches. Remove the soil with a shovel or vacuum. Repeat the procedure until the desired depth is reached.

Except in very hard and compacted clay, dwelling on the same spot tends to reduce the rate at which material is excavated and can increase the amount of material blown away from the excavation site.

For boring small diameter holes, position the UTILITY AIRSPADE barrel perpendicular to the ground with the nozzle close to the surface. Depress the trigger, slowly thrust the tool into the soil. When resistance is met, slowly withdraw the UTILITY AIRSPADE and then reinsert. This procedure allows loose soil at the bottom of the hole to exit upwards. Reinsert the nozzle and repeat the above procedure until the desired depth of hole is reached.

MAINTENANCE



As with any professional grade tool, the UTILITY AIRSPADE requires regular care to ensure proper operation. Prior to each use, inspect the tool for any loose or visibly damaged parts. Tighten or replace worn parts as required. Inspect the fiberglass barrel for cracks, wear, or other damage. Remove dirt or other foreign material from around the trigger and valve stem areas, and from the fiberglass barrel. Periodically apply light oil or lubricant (e.g. WD40) to ensure smooth operation.

COMPRESSOR REQUIREMENTS



AirSpade 150 – 185cfm @90psi
AirSpade 105 – 125cfm @90psi

PARTS AND ACCESSORIES

Part #	Description
ASU4105G4	Utility AirSpade 105 cfm w 4 ft Barrel
ASU4150G4	Utility AirSpade 150 cfm w 4 ft Barrel
ASU4105KT	Utility AirSpade 105 cfm Kit
ASU4150KT	Utility AirSpade 150 cfm Kit
ASU4004BD	Utility AirSpade 4 Ft Barrel w Dirt Shield
ASU4002EX	Utility AirSpade 2 Ft Extension w Coupler
ASU4003EX	Utility AirSpade 3 Ft Extension w Coupler
ASU4004EX	Utility AirSpade 4 Ft Extension w Coupler
ASU4005EX	Utility AirSpade 5 Ft Extension w Coupler
ASU4000CP	Utility AirSpade Barrel/Extension Coupler
ASU4105NZ	Utility AirSpade 105 cfm Nozzle
ASU4150NZ	Utility AirSpade 150 cfm Nozzle
ASU4045AA	Utility AirSpade 45 Degree Angled Adapter
HT133	Sliding Dirt Shield
HT180	Auxiliary Handle
ASU4000HA	Utility AirSpade Handle Assembly
ASU4000HR	Utility AirSpade Handle Repair Kit
HT132	Storage Case with Lock