

TRENCHING



Grinder heads have consistent dimensions. Trench walls are smooth and vertical and the surrounding rock mass is not disturbed. Because trench walls are vertical, regardless of depth, the volume of material excavated is minimized.

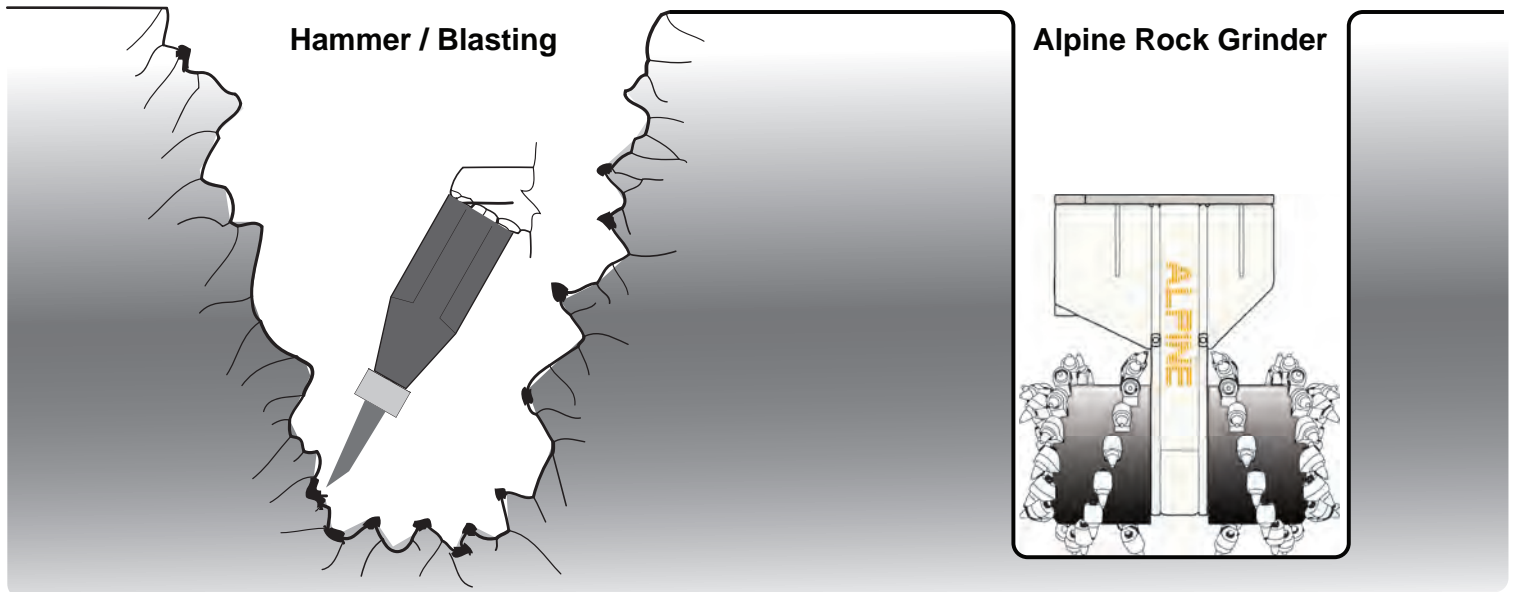


A grinder head can cut through several layers of rock, pavement, concrete and soil.

If a **cutter-bucket combination** is used the spoil from the grinder can be removed without use of a second machine or switching attachments.



Precision cutting provides for a flat bottomed trench and the ability to control grade. Precision cutting also allows safely working around existing utilities.



- ✓ Shock forces fracture surrounding rock
- ✓ Unstable trench walls
- ✓ Rough non-vertical trench walls
- ✓ Excess material is excavated
- ✓ Greater backfill costs
- ✓ Greater surface patching costs

- ✓ Higher Production
- ✓ Narrower Trench
- ✓ Smooth, Safe Walls
- ✓ 50% less excavation Volume
- ✓ Cut material used for pipe bedding / backfill
- ✓ Lower vibrations / shock waves
- ✓ Lower Noise