Surface Mining Applications
Terrain Leveler SEM advantages

- Single-side direct drive
- Convenient and ergonomic access to change teeth
Surface Mining Applications
Terrain Leveler SEM advantages

- Uniform product size
- Can bypass the primary crusher
Surface Mining Applications
Terrain Leveler SEM advantages

• Vertical high wall possible
• Square corners possible
• Single-side direct drive attachment can cut 80° high wall
• Chain drive attachment can cut 90° high wall
Surface Mining Applications
Terrain Leveler SEM advantages

- Produces flat mine floor
- Utilizes over-the-road haul trucks
- Manages water drainage
Surface Mining Applications
Terrain Leveler SEM advantages

Terrain Leveler SEM tilting head
Surface Mining Applications
Terrain Leveler SEM advantages

Terrain Leveler SEM – Top-down cutting

- Reduces fines
- Consistent product size
- Reduced wear on cutting teeth
- Requires less horsepower; cuts in direction of travel
Surface Mining Applications
Terrain Leveler SEM GNSS guidance

- Mine-by-line: GNSS system will cut 3D to mine plan
- Slope mine, create ramps, pit sumps, roads, waterways, etc. while mining
- Chase specific seams
- GNSS control helps reduce risk of human error and enables minimal cutting head overlap
- Optimizes productivity by minimizing steering corrections
Surface Mining Applications
Terrain Leveler SEM GNSS AutoSteer
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