

FLEX-MAT®

HIGH VIBRATION WIRE SCREEN

APPLICATION CASE STUDY MINE AGGREGATE > Sweden

SITUATION:

The contractor producing rock for the road network of a large mine faced major investment to keep up with the demand.

PROBLEM:

The screens were limited in capacity and often blinded on the bottom decks.

- Facing capital investment to increase production.
- Daily cleaning shutdowns.
- Screen replacement every 10 days due to abrasion.

SOLUTION:

Switched to **FLEX-MAT Type D** on top and middle decks and Type S on bottom decks.

- Eliminated blinding.
- Extended screen media wear life by 70%.
- Increased production rate by 60%.



BENEFITS:

- > Labor and downtime for cleaning reduced.
- > More efficient production with less wasted rock.

THE SCREENS AMORTIZED IN LESS THAN 30 HOURS AND ADDED \$160_{US} OF PROFIT PER HOUR OF PRODUCTION.