

Pegson 1000SR has all the right answers!

The Pegson 1000SR closed circuit cone crusher has been proving its versatility solving material problems for aggregate producers at opposite ends of New York State.

Ranco Sand & Stone

As the sand in the Long Island producers pit was becoming finer Ranco Sand & Stone knew they were going to have issues consistently making spec concrete sand. There was simply not enough grit (No 16, No 8 & No 4 material) in the deposit to meet the ASTM C33 specification.

The challenge was to take oversize gravel up to 5" and produce 3/8" stone and a gritty sand while minimizing the amount of fines produced.

A Pegson 1000SR with a medium wear liner configuration proved to be answer.

Ranco now produces a crushed 3/8" aggregate and a grit sand which they blend with the natural sand to produce a spec product. The grit sand produce has 65% plus of the material retained on the No 16 sieve.

The Pegson 1000SR was supplied with the optional side conveyor allowing Ranco to produce 2 finished products on a single unit without an additional screening plant.



Kinsella Quarries

All aggregate producers know the challenge and frustration of trying to balance production of various sized aggregates to meet variations in local demand.

Kinsella Quarries, located in central NY, challenge was to increase their sand production in their quarry and sand & gravel pits and stop producing slow moving #1 and #2 stone.

After consulting with Emerald staff the decision to try a Pegson 1000SR with an auto sand wear metal configuration.

The 1000SR allowed them to crush 5/16 - 1" material to 5/16" minus upping their sand and 1A production by 100TPH. This allowed them to quickly balance their inventory without having to reconfigure their static crushing operations.

Pegson 1000SR

The Pegson 1000 Automax cone at the heart of the 1000SR track unit has a number of unique features that allow it to perform in applications other cones will not:

- The high pressure hydraulic hold down system allows the cone to work at tight settings and adjust itself automatically without the fear of bowl bounce. This allows it to be used in finer applications normally reserved for VSIs.
- The wear metal profile produces better shaped aggregate with better reduction on the first pass.
- A high speed eccentric shaft with a large aggressive throw
- All roller bearing design which minimizes friction losses reducing horse power requirements.

