

APPLICATION NOTE:

CONTROLLING FEED CONVEYORS IN AGGREGATE INDUSTRY

Per "Rock Products" magazine - August 1990: "Fixed costs represent at least 50% of the bottom line at most aggregate operations and a slight change in productivity has a tremendous effect on profits." They also say that 10% variations in feed rates are typically undetectable. **Controlling mix proportions accurately can save big dollars at:**

CONCRETE PLANTS

ASPHALT PLANTS

AGGREGATE CONVEYORS

SOLUTION:

A. MicroDrives can be used to precisely set and maintain exact mix ratios. The precision of the MicroDrive closed loop control will maximize the savings as well as having the advantage of being a set and forget system.

B. If the drives must be larger than 2 H.P., as in asphalt blending, AccuSets can be used with larger H.P. speed controls (AC or DC).

C. If jam detect is required, substitute the MicroDrive II as the control. The stall detect feature conveniently preforms the shut down protection. In addition, the standard serial interface provides remote monitoring and set up in more automated plants.

