

Maine Sawmill Saves \$40,000 A Year with Two AD115 NEMA 4 Lead/Lag Autodual Controllers on Two 250 HP Rotary Compressors



**AD115 NEMA 4
Controller**

Installation of two AD115 Autoduals in lead/lag configuration in a Maine sawmill required NEMA 4 enclosures due to high dust environment.

Controllers operating two Quincy Northwest 250HP constant run screw machines on a lead lag basis. Large load demand for short periods of time required 2 compressors, one of which spent most of 3 shifts idling. The Lead/Lag Autodual Control shut off the lag machine for as much as 19 hours per day, resulting in power savings of approximately \$40,000.00 per year. The payback on the installed cost of the Lead/Lag Autoduals was approximately 6 weeks.

20 min idle-to-time-out cools the compressor motor before shutdown. Automatic restarting to meet increased load demands is accomplished with a cooled motor and the standard 5-second automatic initial unload delay, resulting in a stress free start.



Lead/Lag Configuration