

UNIVERSAL AUTODUAL LEAD/LAG CONTROLLER

Modernized Garage/Body Shop Compressor System, Eliminated Compressor Cycling and Reduced Compressor Operating Costs



Installation Overview

Garage/Service/Body Shop used three 5-hp compressors operating in start/stop mode to meet various demand on air tools, tire machines, lifts, grinders, and their paint shop. Cost of operation and maintenance was very high due to excessive compressor operation and start stop cycles (as much as 30 times per hour) causing the breakers to trip on many occasions).

Installation of the Universal AutoDual Lead/Lag Control eliminated the constant start stop cycling, breaker failures, and modernized the system into an intelligent lead/lag control system at minimal cost. Efficiency was increased to the point of eliminating the third compressor.

The shop now runs efficiently on the lead compressor, with the selected lag compressor picking up load only when needed during high air volume demand.



Benefits and Features of the Autodual Controller to Your Garage and Body Shop:

- Eliminates constant compressor start/stop cycles resulting in stress free compressor operation, reducing maintenance and electrical costs.
- Eliminates breaker trips and compressor motor failures. Emergency shutdown system detects low oil level and stops compressor before damage.
- Exclusive Lead/Lag Control reduces the use of an entire compressor on multiple compressor systems. Backup compressor starts automatically ONLY ON DEMAND, shutting off when demand is met.
- Ends electrical startup peaks and surges on your compressor motor. Compressor ALWAYS starts unloaded for energy and compressor wear savings. Controller typically pays for itself in 6 months.
- Automatic tank drain system is fail safe.
- Simple installation by any mechanic.

