

# Product Spotlight



## Mattei Compressors Incorporated

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OPTIMA by Mattei Air Compressors uses VSD (Variable Speed Drive) technology to adapt to varying air demands, providing maximum energy cost savings. OPTIMA can save up to 35% of the compressor's annual operating costs over traditional rotary compressors. Mattei compressors are designed for industrial use and can operate continuously 24 hours a day, 12 months a year. The life of a Mattei compressor often exceeds 100,000 working hours!

### Recently Patented Vane Technology

The volumetric efficiency of the new generation of Mattei vane compressors is approximately 90%, a very high mechanical efficiency number compared to typical rotary compressors. In vane compressors, the blades don't wear. They ride on a thin film of oil, creating a near perfect air seal and thus delivering the maximum usable air.

### Slow Rotational Speed for Long Life

Mattei's advanced technology allows the direct-driven OPTIMA to run at only 1,800 revolutions per minute, extending the life of the compressor over typical rotary compressors. In addition to the reliability and efficiency enhancement from the extremely reduced rotational speed, the absence



of roller bearings and advanced lubrication and cooling systems makes OPTIMA the optimum choice for automotive applications.

### Simple and Economical Maintenance

Maintenance operations include only changing the oil at predetermined intervals, cleaning or replacing the air filter and cleaning the radiator. The separator filters can reach up to 10,000 working hours for remarkable savings. The absence of roller bearings helps reduce the overall maintenance cost.

Use Mattei ROTOROIL 8000 F2 to guarantee high performance, long life and low maintenance costs.

### Clean, Quiet and Easy to Install

Available with integrated refrigerated air dryer, OPTIMA offers you everything inside a quiet (less than 69dB(A) average), easy-to-install compact cabinet. Buy your last air compressor first.