

440 RPM UPGRADE

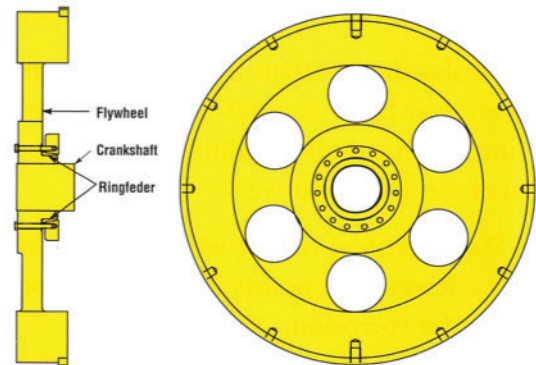
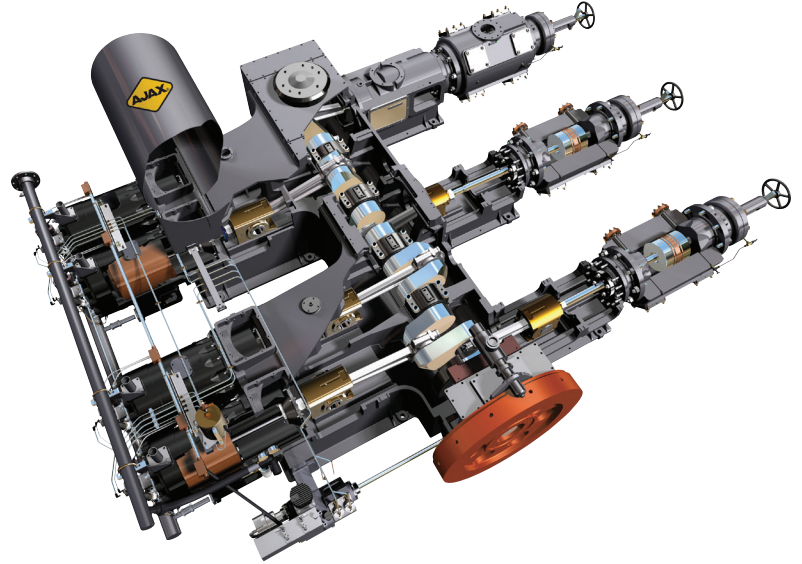
AJAX™ 360 & 400 RPM TWO-CYCLE INTEGRAL ENGINE-COMPRESSORS

Overview

This upgrade increases the speed of large-bore Ajax units from 360 and 400 rpm to 440 rpm, increasing horsepower ratings while maintaining emissions ratings. The most significant change from the current lower speed design is eliminating the wedged flywheel design to use an external Ringfeder™ design, which allows for higher inertial forces at the increased operating speeds. This also greatly increases ease of flywheel installation.

Benefits

- › **Increased horsepower** while maintaining same size footprint
- › **Increased gas flow** (MMcfd) with higher horsepower ratings
- › **Common flywheel** on singles – common flywheel on twins
- › **Simple flywheel** attachment to crankshaft, safer than wedge design
- › **Dry type air filter** system is required to provide additional air for the increase in horsepower. This system (standard on 2803s and 2804s) offers lower maintenance costs. (See Dry Type Air Intake upgrade) offers reed valve access doors on DPC-2202 and 2802
- › **Field installed** in less than one day



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