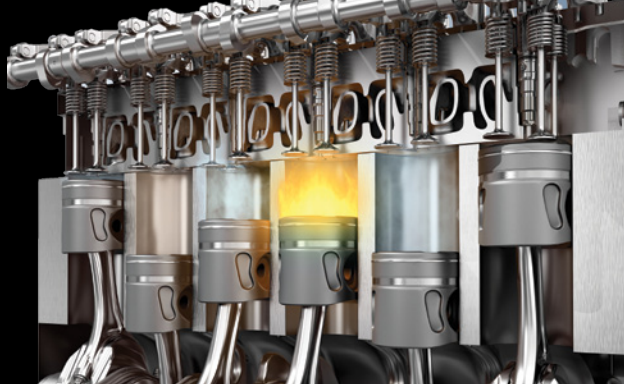
THE 35th Annual Engine YEARBOOK



ARROW ENGINE CO.

Arrow Engine Co.
2301 East Independence Street
Tulsa, OK 74110-4900
Tel: (918) 583-5711
Fax: (918) 699-2202

Contacts

Sales and Marketing: Kevin Boucher, Kavas Mistry

Parts, Service and Warranty: David Johnson

Power Range

Gaseous Fuels: 6 to 175 hp

New Engines

Arrow Engine said it is now in full production of its newly released A90 NA and A90 TA gas engines. The NA is naturally aspirated and rated 110 bhp at 1800 rpm for continuous duty, while the TA is turbocharged and aftercooled with a rating of 150 hp at 1800 rpm. Both new engines are inline, six-cylinder, 8.9 L units that have water-cooled exhaust manifolds and air-to-air aftercooling. They are designed for continuous power generation, compressor drive, irrigation, oil lift and cogeneration applications, Arrow said.

The engines are also available with optional cooling systems and controls that allow them to operate in extremely cold climates to -22°F, Arrow said.

The A90 NA and A90 TA engines also power the VRC and VRS compressor frames that Arrow manufactures and packages in its compressor division.

Arrow said that a new 16 L, six-cylinder engine is in the final development phase and is slated for release this year. The engine will be rated 225 hp at 1800 rpm naturally aspirated and 300 hp in its turbocharged and aftercooled version.

Arrow's range will then be extended to 300 hp, allowing the engines to be applied in the shale drilling and deep-well irrigation applications where horsepower demands are steadily on the rise, Arrow said.

All of the new engines will incorporate the Arrow Engine Control System (AECS). The fully interactive and diagnostic system is designed to manage all fuel and ignition functions on the engine, the company said.

Emissions

All Arrow multicylinder engines will meet current EPA standards with the use of three-way catalytic systems, the company said.

More information on Arrow engines can be found in the 2014 Diesel & Gas Turbine Sourcing Guide and at Dieselandgasturbineguide.net

REPRINTED FROM JUNE 2014 DIESEL PROGRESS North American Edition