



COMPANY PROFILE

ENGINEERED FOR THE APPLICATION.

Powertrain, severe-duty off-highway and distributed energy technologies - supported by engineering, manufacturing and specialist international resources.



ABOUT AMT POWER SYSTEMS

ONE GROUP. THREE TECHNOLOGY WORLDS.

AMT Power Systems is an international automotive, powertrain and energy systems group combining engineering, manufacturing and specialist global resources across established and emerging technologies.

ESTABLISHED POWERTRAIN

AMT Turbo and DECA deliver turbocharging and diesel injection products for passenger, commercial and industrial applications.

SEVERE-DUTY OFF-HIGHWAY

Kensho and Akira apply a dedicated engineering philosophy to construction, mining, agriculture and industrial equipment.

DISTRIBUTED ENERGY

NeoCore brings together proven technologies and specialist resources for application-specific distributed energy systems.



ESTABLISHED POWERTRAIN EXPERTISE

BUILT ON TURBOCHARGING AND DIESEL INJECTION.

Our established ICE portfolio is built around two specialist brands with many years of experience in turbocharging and diesel fuel injection.



AMT TURBO

Turbochargers, CHRAs and turbocharger components for passenger, commercial and industrial applications.



DECA DIESEL INJECTION

Diesel injection systems, injectors, pumps and associated components for passenger, commercial and industrial applications.

APPLICATION-APPROPRIATE ENGINEERING

Quality is not achieved by applying the most extreme specification to every product. It comes from understanding the duty cycle, operating environment and performance requirement - and engineering the product accordingly.

That principle is also why our severe-duty off-highway products have their own dedicated brands.

HEAVY-DUTY & OFF-HIGHWAY

WHEN THE ENVIRONMENT DEMANDS MORE.

Construction, mining, agricultural and industrial equipment operates under exceptional loads, temperatures, duty cycles, vibration, contamination and environmental conditions.

Kensho Turbo Technologies and Akira Diesel Systems therefore follow a dedicated engineering philosophy with particular emphasis on precision, metallurgy, advanced materials, durability and controlled manufacturing for severe-duty operation.



WHY SEPARATE SPECIALIST BRANDS?

The enhanced material, precision and manufacturing requirements of severe-duty products are neither necessary nor commercially practical for every everyday application. Kensho and Akira allow AMT Power Systems to apply those exceptional specifications precisely where the operating environment requires them.

INTEGRATED CAPABILITY

ENGINEERING CONNECTED TO MANUFACTURING.

Our vertically integrated structure connects product development, manufacturing and specialist international resources.

CHINA

CHANGZHOU 4 POINT ENGINEERING

Specialising in turbocharger and diesel injection engineering and manufacturing.

JAPAN

SHINSHEI

Our Japanese resources company supporting specialist engineering, technology and supplier relationships.

ENGINEERING NETWORK

Across our businesses, experienced engineers specialise in reverse engineering, product development, manufacturing and production engineering. They collaborate closely with supplier engineering teams and specialist and OEM supply networks.

This combination of in-house expertise and external technical collaboration provides access to advanced technologies, materials and manufacturing capabilities from initial product analysis through validation and production.



DISTRIBUTED ENERGY SYSTEMS

ENERGY SYSTEMS. ENGINEERED AROUND THE APPLICATION.

NeoCore extends AMT Power Systems beyond the conventional powertrain into distributed energy systems and electrification.

Focused on industrial, mining, construction, agricultural, fleet, commercial and remote applications, NeoCore brings together proven technologies and specialist engineering resources to create application-specific energy solutions.

UPTIME | POWER STABILITY | EFFICIENCY

REDUCED DIESEL DEPENDENCY | LIFECYCLE THINKING

NeoCore is not tied to a single hardware platform. Its role is to understand the application, assemble the appropriate specialist resources and manage the solution as technologies evolve.

AMT POWER SYSTEMS PORTFOLIO

ENGINEERED FOR THE APPLICATION.

Five specialist brands, supported by engineering, manufacturing and international resources - each focused on the requirements of its own market.



POWERTRAIN • OFF-HIGHWAY • DISTRIBUTED ENERGY

From conventional powertrains to severe-duty equipment and the energy systems of tomorrow, AMT Power Systems applies the right engineering philosophy to the demands of each application.