

Euromech 2G™

INNOVATIVE EXPLOSION PROTECTION

Euromech 2G is a zone 1 solution for all types of diesel equipment, combining various explosion protection methods. The system does not detect a gas or vapour but works by modifying all ignition sources so that the equipment is safe to operate in the presence of a flammable atmosphere.

Euromech 2G includes explosion proof Ex'd' enclosures for arcing and sparking components, cladding of forks and surface temperature limitation to ensure the engine, motors, brakes, electrics and other components remain below the auto-ignition temperatures (T Class) of flammable materials.



FEATURES AND BENEFITS

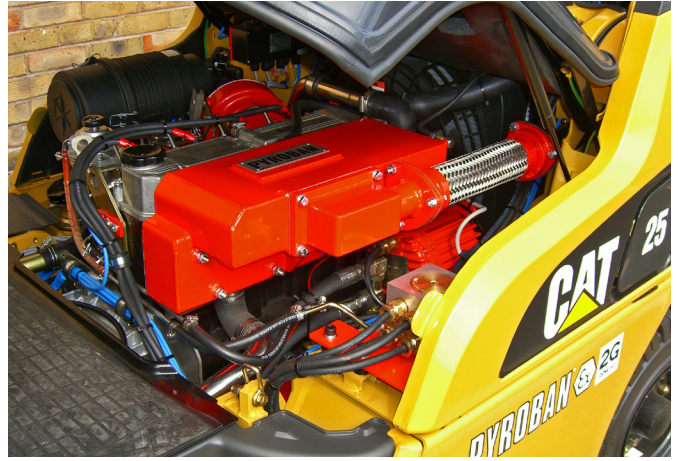
ADVANCED EXPLOSION PROTECTION CONVERSIONS FOR ZONE 1 (ATEX)

- ✓ An inlet shutdown valve for automatic and manual shutdown and a water cooled exhaust gas cooler to limit surface and exhaust temperatures
- ✓ Ex'i' intrinsically safe circuits
- ✓ Frame leakage monitoring
- ✓ Ex'm' encapsulation
- ✓ Ex'e' components
- ✓ Ex'e' battery

APPLICATIONS

Euromech (for diesel equipment) conversions combine leading explosion protection technology, offering workers and sites the latest safety when used in the chemical, pharmaceutical, food, flavours, paints, coatings, cosmetics, defence and other manufacturing

For Zone2 applications, Pyroban can also offer a wide range of Zone2 certified Diesel products. A 3G (zone 2) alternative is also available.



CERTIFICATION

All trucks are ATEX 2014/34/EU compliant and refer to:

EN1755:2015

Safety of industrial trucks. Operation in potentially explosive atmospheres. Use in flammable gas, vapour, mist and dust

BS EN 1834-1:2000

Reciprocating internal combustion engines. Safety requirements for design and construction of engines for use in potentially explosive atmospheres. Group II engines for use in flammable gas and vapour atmospheres.

Conversion, testing and certification takes place at Pyroban factories.



ABOUT PYROBAN

Pyroban provide explosion protection solutions for materials handling equipment and diesel engines.

For over 50 years we have been at the forefront of the industry developing products to protect your people, your site and equipment when operating in hazardous & added safety areas.

QUALITY

Additional to the ISO9001:2015 quality standard certification, each Pyroban Group company attains the required level of 3rd party certification for the business markets it serves including ATEX, IECEx, GB and NEC.