

Ex-tec 2G™

INNOVATIVE EXPLOSION PROTECTION

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

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



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FEATURES AND BENEFITS

ADVANCED EXPLOSION PROTECTION CONVERSIONS FOR ZONE 1 (ATEX)

- ✓ Frame leakage monitoring
- ✓ stainless steel cladding of the forks
- ✓ Ex'e' motors
- ✓ Ex'i' intrinsically safe circuits
- ✓ Ex'm' encapsulation and Ex'e' battery fitted with Ex'd' plugs and sockets completes the conversion

APPLICATIONS

Ex-tec (for electric 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 industries.

Pyroban can also offer a wide range of Zone2 certified products as alternative. 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.

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.