Euroblast Ex - Range of Atex Certified Blast Systems

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Guyson International have worked in partnership with a European Nominated Body on their ATEX certification scheme to develop a new range of fully Atex Certified blast systems which incorporate a Manual Blast Cabinet, Cyclone Separator and Dust Collector

The Euroblast Ex Range of Atex Blast Systems have been certified for use in potentially explosive atmospheres, (such as those found in post processing of additive manufactured components), and found to comply with the requirements of Directive 2014/34/EU-Annex VIII (26th Feb 2014)

The Euroblast Ex Range of Atex Blast Systems are available as both Suction Feed (SF) and Pressure Feed (PF), in the following standard range of sizes:

- *** Euroblast 4 Ex**
- **Euroblast 6 Ex**
- **Euroblast 6 Ex Plus** (tumble basket option)
- **Euroblast 8 Ex**
- **Euroblast 8 Ex Plus** (tumble basket option)
- *** Euroblast 10 Ex**

*All except the Euroblast 4 & 10 have flush mounted rotary tables.

Specifically designed for applications that demand ATEX compliance these cabinets include the following safety features:

- Timed electrical door interlocks, (ATEX rated)
- Full Earth bonding, both internally & externally
- ATEX rated electrical equipment and electrical control enclosure
- ATEX rated pneumatic equipment for blast and air wash controls
- Triple sealed bearings (for rotary tumble basket option)
- ATEX rated motor gearbox, (for rotary tumble basket option)
- Conductive internal surfaces

With these safety features the Euroblast Ex Range of Atex Blast cabinets have attained the following **ATEX coding:**

Ⓔx II 2/3 D Ex 60079-46 IIIC T135°C Db/Dc Tamb -15°C to +40°C



Designed for use with the Euroblast Ex Range of Atex Blast Systems the CY 75/16 Ex Cyclone is used to separate and reclaim good media from dust and blast debris. It includes the following safety features;

- Full earth bonding
- Conductive internal surfaces

The CY 75/16 EX Cyclone has attained the following ATEX coding, and is compliant to zone 21 internally & zone 22 externally.

ATEX Coding of this product:

Ⓔx II 2/3 D Ex h IIIC T135°C Db/Dc

The ATEX directive demands compliance with essential health and safety requirements and this has been assured by compliance with:

EN ISO 80079-36:2016 EN ISO 80079-37:2016 EN 60079-0:2012+A11:2013	Euroblast Cabinets, Cyclone and Dust Collector
PD IEC/TS 60079-46:2017	Euroblast Cabinets and Dust Collector (N/A for Cyclone)

Developed to form part of the complete Euroblast Ex Range of Atex Blast Systems the C600 EX Dust Collector is used for filtering out and collecting dust laden air from the blast cabinet and doing so whilst minimising risk during operation in potentially explosive environments, it includes the following safety features;

- ATEX rated fan motor
- Full earth bonding, both internally and externally
- ATEX rated electrical equipment and controls
- ATEX rated pneumatic equipment including an auto pulse valve for filter clearing
- Secondary HEPA 14 filtration to minimise escape of dust to the open atmosphere
- Conductive internal surfaces

The C600 EX Dust Collector has attained the following ATEX coding and dependant on the users' needs the product can be supplied compliant to either zone 21 internally & zone 22 externally, or zone 20 internally and zone 22 externally.

ATEX Coding's of this product:

Ⓔx II 2/3 D Ex 60079-46 IIIC T135°C Db/Dc

Ⓔx II 1/3 D Ex 60079-46 IIIC T135°C Db/Dc

For Further Information or to Request a Quote Contact Guyson International Ltd.

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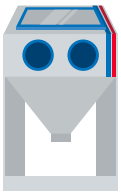
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