

MUFFLER & EXHAUST SYSTEMS



Delivering Specialised Engineering Solutions

Mufflers offer long-term solutions to most exhaust noise problems that arise from diesel generators, compressors, earthmoving equipment, trucks, tractors and other machinery powered by internal combustion engines.

Barclay Engineering manufactures a range of absorptive and reactive mufflers. Our entire range of mufflers are fabricated to GL (Germanischer Lloyd AG) certification (ISO 3834) standards. GL welding certification is one of the highest, globally recognised welding standards and we are proud to have achieved this level of fabrication quality throughout our range of exhausts.



KEY ATTRIBUTES

- All mufflers are fabricated to GL (Germanischer Lloyd AG) certification standards (ISO 3834).
- We can produce mufflers to suit virtually any combustion engine.
- Exhaust systems and pipe work are tailored to our customers specific requirement, including oil & gas, power stations, genset enclosures, plant room, generation halls and in building options.
- Standard connections on all Barclay mufflers are Australian Standard Table "D" pattern flanges. Other flange patterns are available as requested.
- We offer a range of exhaust bellows to suit a myriad of applications.



BAS SERIES

BAS series units are efficient absorptive mufflers designed for maximum acoustic performance and minimal backpressure. Their high acoustic performance and lightweight construction makes them suitable for most industrial situations. These mufflers can be utilised on all types of Reciprocating Engines.

BCS SERIES

BCS series mufflers provide the highest attenuation for all critical situations. These mufflers are multi chamber reactive units that combine the performance of absorptive and reactive mufflers. These mufflers can be utilised on all gas exhaust applications, where acoustics and airflow require maximum performance.

BIS SERIES

BIS series units are multi-chamber reactive units with good broad band performance. The main characteristic of this range is their low pressure drop figures, whilst still achieving an acceptable acoustic result. BIS mufflers are suitable for use on the exhausts of diesel engines and the control of plant noise. With good low frequency performance, these units can be used in most industrial situations.

BRS SERIES

BRS series mufflers are multi chamber reactive units, for use where better than average acoustic performance is required for residential or industrial situations. This range is designed for maximum all round performance and can be utilised on all types of Reciprocating Engines, Inlet and Outlets of Blowers, Vacuum Pumps, Compressors and Gas Handling Systems.

CONSTRUCTION

All Barclay mufflers are manufactured from high quality 250Mpa steel plate and fabricated using welding techniques to AS1554. BAS units are made to heavy duty specifications in accordance with our ISO 9000 quality accreditation, to ensure the product meets with the most demanding installations.

FINISH

Standard finish on all mufflers is a High Temperature Black Enamel or Aluminium Heat-Cote applied over a grit blasted surface.



For further information and a quote to suit your application, please contact us