

Locally produced compressed foam system (CAFS) offers huge advantage to fire fighting efforts



The Anco CAFS300 compressed air foam system (CAFS)

“Traditional CAFS units have been available from the USA and Europe for many years but in our typical South African way we had to respond to continued demands from the local industry to come up with an effective, locally produced and more affordable system. Producing the unit locally not only allows for a reduction in cost compared to imported units but also allows us to offer better after-sales support” says André Scheepers, managing director of Anco Manufacturing and chief designer on the Anco CAFS300 project.

The Anco CAFS300 is a self-contained CAFS generator that can be installed onto almost any fire fighting vehicle platform, even onto a standard LWB bakkie. According to Scheepers, “The benefits of the system lies in the fact that traditional water carrying vehicles can be retro fitted with the system or installed as part of the design and will effectively multiply the usable water load by up to ten times.”

Many hours of development, pre-production experimentation, burn testing and real-life deployments have enabled the Anco team to offer another tried and tested product that will assist the South African fire fighter in dealing with the huge challenges they face every day.

Anco are also suppliers of traditional fire fighting vehicles such as their 10-seater, 4 500-litre, forestry fire fighting vehicle with a wet-end body, bakkie sakkies ranging from high pressure/medium to low volume as well as low pressure/high volume units, fire pumps, fire fighting trailers and fire fighting equipment including hoses, reels, nozzles, couplers, fittings etc. ▲

Locally designed and produced by Anco Manufacturing, the Anco CAFS300 compressed air foam system (CAFS) offers the South African fire fighting fraternity an ideal fire fighting tool in their arsenal to fight forest and wild fires. The team at Anco Manufacturing, a specialist manufacturer and supplier of fire fighting equipment since 2001, adapted existing technology into an easy to use but very effective, 100 percent South African mini CAFS system.

Although the Anco CAFS300 is one of the most recent developments from Anco, the company continues to design, develop and produce a wide range of fire fighting vehicles and equipment based on technology that has been tried, tested and working in harsh African conditions.

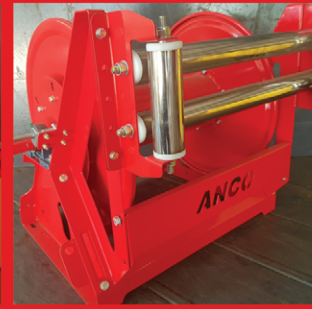
CAFS is a system used in fire fighting to deliver fire retardant foam onto a fire. A CAF system uses a Class A or B foam concentrate combined with water and compressed air to

create a continuous supply of fire extinguishing foam that has greater fire fighting ability than the sum of its parts and has proven to be a superior fire fighting medium compared to water only.

When used as a fire fighting agent, a steady stream of compressed air foam has a very high heat absorption quality, almost ten times that of water that will suppress a fire in a fraction of the time when compared to conventional water.

This is due to the fact that CAFS attack and work on all three elements of the fire-triangle by penetrating carbon based fuel loads, depriving the fire of oxygen and absorbing heat. CAFS is one of the most effective methods to suppress fires and has been in use for many years in fighting virtually all types of fires and is considered an excellent force multiplier in fire fighting situations. Similar systems are currently used by US, European and Australian fire fighting agencies with great success.

Specialist manufacturer and supplier of fire fighting equipment since 2001



What we offer:

- Specialized Fire Fighting truck load bodies
- Fire Fighting Slip-On units / Bakkie Sakkies
- South African manufactured Compressed Air Foam systems (CAFS)
- Fire Fighting trailers
- Silviculture mechanisation equipment
- Wide range of fire fighting equipment

ANCO has been established as a leader in quality innovative products in the forestry and agricultural industries offering products and services specifically designed for harsh African conditions.



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