September 18, 2019

Vulcano Precision Guided Munition – Qualified and Ready for Fielding

Under the umbrella of the Italian and German governments, Leonardo and Diehl Defence developed and qualified the precision-guided munition family Vulcano 127mm and 155mm.

The STANAG-conforming joint qualification controlled by the Italian and German authorities has been successfully completed. The qualification performed is compatible with all Joint Ballistic MoU gun systems, such as the land-based platforms PzH 2000 and FH-70 as well as 127mm/5inch naval platforms.

The Vulcano ammunition is designed to achieve extended ranges of 70 km for Vulcano 155 and   
80 km for Vulcano 127 in conjunction with unique accuracy against stationary and moving targets.

The ammunition family reaches highest target accuracy through the unique combination of satellite-based navigation with laser- or infrared-sensors for terminal homing. This makes the Vulcano family the most accurate artillery ammunition for land and naval applications worldwide.

The powerful multi-role, insensitive high-explosive (IHE) warhead with pre-fragmented tungsten splinters is most effective against soft targets, vehicles, semi-armored vehicles, infrastructures and all typical infantry command posts.

Vulcano programming kits enable artillery platforms to fire Vulcano ammunition in an easy way. The kits allow either fully integrated or standalone operations. The embedded fire command computation program, NABK-18+, has been officially released.

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**About Leonardo**

Leonardo, a global high-technology company, is among the top ten world players in Aerospace, Defence and Security and Italy’s main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries such as Leonardo DRS (defence electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber Security and Space). Listed on the Milan Stock Exchange (LDO) in 2018 Leonardo recorded consolidated revenues of €12.2 billion and invested €1.4 billion in Research and Development. The Group has been part of the Dow Jones Sustainability index since 2010.

**About Diehl Defence**

Diehl Defence concentrates the Diehl Group’s business activities in the fields of security and defence. As a parent company, Diehl Defence manages numerous subsidiaries, program and affiliated companies. With 2,509 employees\*, the corporate division generates annual sales of € 464 million\* Euros.

(\*Key Business Figures 2018)