

February 20th, 2023

IDEX 2023: Cockerill® i-X, innovative turrets and simulation in the spotlight of John Cockerill Defense

Abu Dhabi – John Cockerill Defense is proud to present its wide range of products and services. First, exclusively for the Middle East this year, its new product which combines extreme velocity, high firepower and adaptative stealth, the Cockerill® i-X.

John Cockerill Defense is also exhibiting the Cockerill® 1030, the Cockerill CPWS and its training and maintenance simulators marketed under the "Agueris" brand.

IDEX 2023 is the opportunity for John Cockerill Defense to present its new product called **Cockerill® i-X** ("i" for "interceptor" and "X" for "modular-multi-weapons system"). It's the first ever ground interceptor and is a breakthrough combat system for territorial defense interception: engage and defeat incoming threats before they reach their objective.

The Cockerill® i-X is born from the merger of the technological excellence of weapon systems and the expertise of rally raid performance, the Cockerill® i-X represent a break with traditional concepts and imposes a new paradigm of military land operations.

The vehicle is capable of moving at **very high speeds on-road and off-road** (with a thermal or hybrid thermal-electric drive train), **light, stealthy** (appearance management with adaptive camouflage, and modification of IR and acoustic signature), integrating **multi sensor data fusion** technology (Smart Helmet, on-board intelligence AI, cameras, sensors : LWS, Acoustic Gunshot detection and localization) and capable of integrating a suite of **effective weapons** (such as 25mm, 30mm, Missiles, Rockets,...) depending on the threat to be neutralized, as well as to foresee the integration of a new generation of effectors.

Other striking innovative aspects concern the weapon system which will be completely retractable to ensure its stealth and speed. The vehicle will be quickly transportable by Air (plane, helicopter, droppable by parachute), Sea and Land (train, truck).

Over the past few months, the Cockerill i-X has undergone numerous firing and rolling sessions that have demonstrated the power and effectiveness of this weapon system, particularly in terms of speed, stealth and stability when firing.

John Cockerill Defense also presents the **Cockerill® 1030**. Lightweight, precise, multi-mission, including **fully amphibious**, and with high firepower, the Cockerill® 1030 is the answer to the needs of today's and tomorrow's armed forces. Lightweight (<1.5t with level 2 ballistic protection) and compact (1.5m ring diameter) with a capacity of up to 200 rounds, equipped with 2 digital sighting systems, able to elevate to 70°, and with the ability to integrate a wide range of accessories such as AT missiles, rockets, APS, 360° close observation... it is the ideal weapon system for all types of vehicles and missions (APC, IFV, anti-UAV, amphibious, ...). Thanks to more than 1,000 turrets in service around the world today, the John Cockerill Defense team has acquired a unique experience in terms of reliability and performance from which the Cockerill®1030 benefits.

In 2022, the **Cockerill® 1030** successfully completed two customer demonstrations, with **great distinction**. Whether in static or moving mode, the 1030 hit the target with every shot. This again demonstrates the reliability and accuracy of our products, which are the result of our 200 years of experience in manufacturing weapon systems.

The Cockerill® 1030 is presented on our stand and on the Edge booth (Hall 5 – A05).

In addition, John Cockerill Defense also presents the Cockerill® CPWS. This turret is a low profile, lightweight remotely operated turret with a unique hatch opening which can be positioned in three different modes (closed for protection, surveillance while elevated and fully opened for emergency exit or maintenance).

The CPWS is a modular turret that allows to integrate multiple weapons, the 25x137mm gun such as the M242 and the 30x113mm gun such as the M230LF completed with a 7.62mm coax machine gun. The concept of modularity is extended to major components such as sighting systems, rockets, missiles, Smoke Grenade Launcher. The configuration will be based on customer mission objective which could be either an Armored Personnel Carrier (APC) or Reconnaissance Vehicle equipped with a panoramic stabilized sighting system and with extended system capacities for surveillance, identification and engagement up to 2,500m.

The turret weight around 1 ton allows to integrate it on multiple chassis such as 4x4, 6x6 with limited payload while still having a huge firepower.

This turret is also available on our concept of Combat Boat for coastal surveillance and defense.

Thanks to its unique hatch opening, the CPWS were also integrated on unmanned ground vehicle (UGV) from Milrem to be ready for the future of military needs.

The Cockerill® CPWS is presented on our stand and on the Edge booth (Hall 5 – A05).

Also at IDEX, Agueris, a subsidiary of John Cockerill Defense, and a specialist in training and simulation, is presenting its complete range offering simulation solutions (immersive and on-board virtual) and training (in virtual maintenance and UAV piloting). Agueris is present on the John Cockerill stand.

Thierry Renaudin, President of John Cockerill Defense: "*These five days at IDEX are an excellent opportunity for us to demonstrate the consistency, breadth and innovative nature of John Cockerill Defense's offer.*

We are very proud to present our new Cockerill® i-X which embodies the essence of the operational superiority factors to be mastered on the battlespace using higher velocity, firepower, stealth and embedded intelligence. It will change the rules of land engagement.

Our ambition is to remain at the forefront of technological developments and to meet the growing need for versatility of increasingly mobile armies. Therefore, we continue to improve our technology, consisting of modular turrets, coupled with UAVs, capable of firing missiles, connected with simulators, and all associated training and support services".

John Cockerill Defense at IDEX 2023 – Stand: Hall 12 – B14

About John Cockerill Defense:

Member of the bicentennial John Cockerill Group, John Cockerill Defense is the technological leader in multifunctional, high-effect turrets in the 25-120mm range for light and medium weight armoured vehicles. John Cockerill Defense develops and integrates complete and innovative solutions: design, production, integration and upgrade of weapons systems, operational and tactical training, Agueris® simulation systems (virtual immersive, mobile, embedded and inter-connectable), through-life support and innovative functionalities. Marketed under the Cockerill® brand, John Cockerill Defense weapons systems combine superior firepower and lightweight for high mobility armored vehicles, guaranteeing performance and protection. www.johncockerill.com/defense

John Cockerill, enablers of opportunities

Driven since 1817 by its founder's entrepreneurial spirit and thirst for innovation, the John Cockerill Group develops large-scale technological solutions to meet the needs of our time: preserving natural resources, contributing to greener mobility, producing sustainably, combating insecurity and facilitating access to renewable energy.

Its offer to companies, governments and local authorities takes the form of services and associated equipment for the energy, defense, industry, environment, transport and infrastructure sectors.

With more than 5,500 employees, John Cockerill had sales of €947.4 million in 2021 in 23 countries on 5 continents.

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