



CMI Defence,
the authority for weapons systems integrated on
high-mobility armoured vehicles

COCKERILL®



CMI, an international growing group

CMI, solutions for every market

CMI designs, installs, upgrades and services equipment for energy, defense, steel-making, the environment and other industries in general. CMI assists clients throughout the whole of the life-cycle of their equipment in order to improve the economic, technical and environmental performance of this equipment.

When technology inspires people

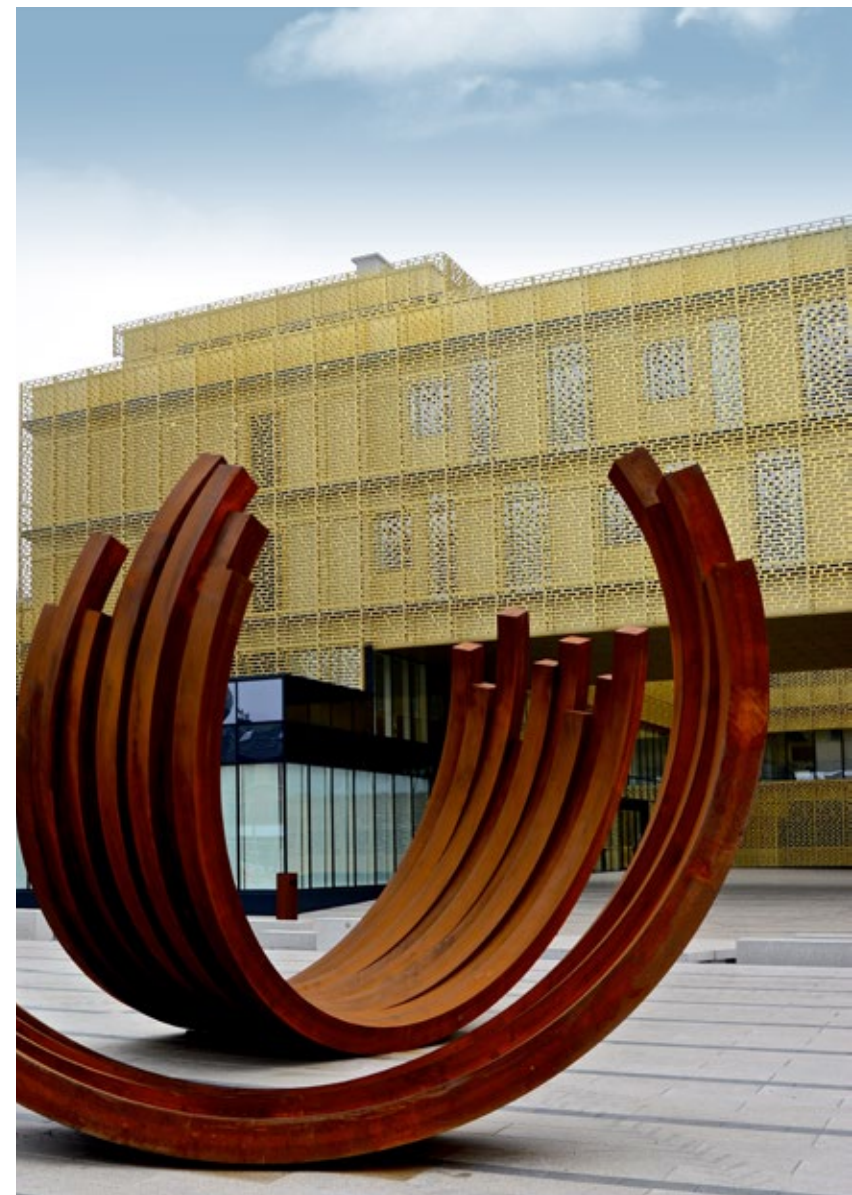
CMI has numerous assets: a unique combination of expertise in engineering, maintenance and the management of international technical projects, a vast geographic and technological scope, and an ability to innovate in accordance with the concrete needs of its customers.

CMI counts 5 500 experienced employees in Africa, Brazil, China, Europe, India, New Caledonia, Mexico, Middle East, Russia and the United States.

Designing the equipment of the future

Proud of its past and aware of its own capacities to invent the processes of the future, CMI intends to contribute to meeting the challenges of today's society and to generate sustainable industrial progress for the benefit of its customers, employees, the communities in which it is established, and the planet.

- » CMI: ever more reliable and efficient equipment, more respectful of the environment.





CMI DEFENCE

The authority for weapons systems integrated on high-mobility armoured vehicles

CMI Defence is a member of the CMI Group. Innovative and visionary for 200 years, CMI Defence is an undisputed world leader in multifunctional high-power weapons systems for light and medium armoured vehicles.

CMI Defence is independent of any vehicle manufacturer. Its offering is based on four pillars:



Weapons Systems 25-120 mm

- DEVELOPMENT
- DESIGN
- ILS
- PRODUCTION
- INTEGRATION
- UPGRADE



Training & Simulation

- MISSION PREPARATION & TRAINING
- OPERATOR & MAINTAINER TRAINING
- SIMULATION SOLUTIONS
- TRAINING CENTER



Through-Life Support

- TECHNICAL ASSISTANCE
- MAINTENANCE (ON-SITE AND REMOTE)
- TECHNICAL DOCUMENTATION
- OBSOLESCENCE MANAGEMENT
- SPARE PARTS & SUPPLY CHAIN OPTIMIZATION
- SPECIAL TOOLS & TEST EQUIPMENT
- MID-LIFE UPGRADE



Innovative Enhancements

- INDIRECT FIRING
- ENHANCED SITUATIONAL AWARENESS
- MISSILE INTEGRATION
- COMPOSITE MATERIALS
- DRONE PAIRING
- TANK BOAT

» This entire line benefits from the cutting-edge skills of CMI Defence in software engineering, ballistics and mechatronics, and from its high-level system of production and assistance, both technical and human. CMI Defence is present close to customers and users – it has locations in Belgium, France, Saudi Arabia, Brazil, Poland, United Arab Emirates, Singapore, Indonesia and the United States.

25-120 mm weapons systems

CMI Defence designs, manufactures, integrates and upgrades weapons systems for the full range of 25 to 120 mm calibres. Embodying the essence of the Cockerill® brand, CMI Defence weapons systems combine great firepower and light weight, guaranteeing performance and protection on the one hand and air transportability on the other hand. They are modular and designed to evolve at moderate cost according to the needs of their users.



COCKERILL® CPWS 25-30



COCKERILL® 3030



COCKERILL® CSE 90LP



COCKERILL® LCTS 90MP



COCKERILL® 3105



COCKERILL® XC-8 105-120HP

- » Light weight and high firepower for high-mobility armoured vehicles.
- » Cockerill®: excellence in high impact light weapons systems.

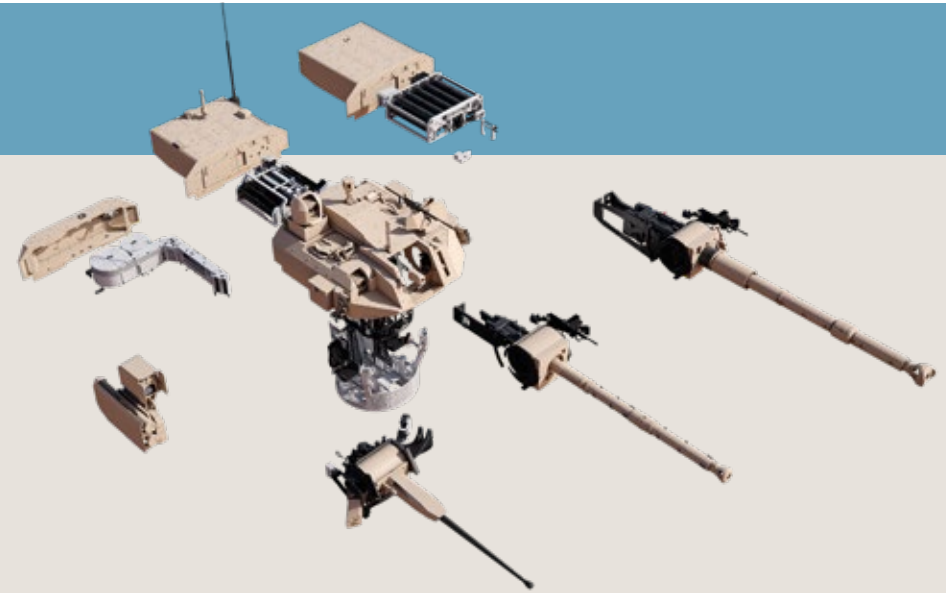
Innovative Enhancements

CMI Defence is constantly innovating in order to anticipate the growing and evolving requirements of land armies in terms of versatility and mobility. These innovations are all undertaken with a common objective: to develop the capabilities of Cockerill® weapons systems, whether they are new or already in operation, in line with the evolution of the operational constraints of their users.

It is a fundamental element of the DNA of CMI Defence to offer new and thought-provoking concepts and solutions which lead to debate, or even to calling into question

classical doctrines. This strength in innovation is notably based on the cutting-edge skills of CMI Defence in software, ballistic and mechatronic engineering.

The recent innovation efforts of CMI Defence in particular involve the modularity of weapons systems, their situational awareness and indirect firing capabilities, their ability to integrate data received from drones, the development of simulation and training solutions, the integration of anti-tank missiles and the use of light and robust composite materials.



» Meeting the evolving needs of armed forces.

» Developing capabilities of systems already in operation, whether or not of Cockerill® design.

Training and Simulation

With the objective of enhancing operator and maintainer readiness, CMI Defence designs and conducts training for its customers and partners on Cockerill® equipment and weapons systems. The range of theory and practice lessons – including simulation and live fire – is delivered in a modern training area (the Cockerill® Campus of the CMI Group at Commercy, France) and in an instruction and development area (IDA) on the Suijpes military camp (France). It can also be deployed elsewhere, as needed.

Virtual immersive, mobile, embedded or interconnected, the Agueris® simulators of

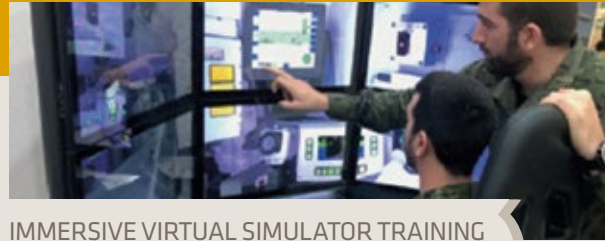
CMI Defence provide customized training solutions for the entire range of military requirements, ranging from basic exercises to various operational and tactical levels. Interconnected, they cover at a lower cost the full range of military training for personnel, sections and platoons.

Applicable to the full range of weapons systems, the Agueris® simulators provide such a level of realism that they constitute the ideal training tool to prepare armed forces for intervening in operations. CMI Defence simulation solutions are developed within Agueris.

Operator Readiness



CLASSROOM TRAINING



IMMERSIVE VIRTUAL SIMULATOR TRAINING



EMBEDDED SIMULATOR TRAINING

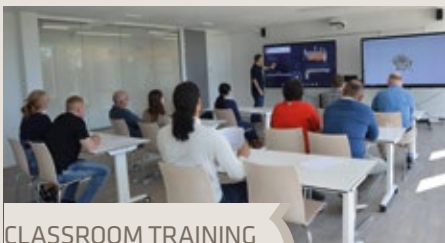


LIVE FIRE TRAINING

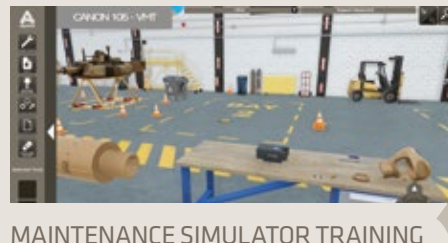


MOBILE SIMULATOR TRAINING

Maintainer Readiness



CLASSROOM TRAINING



MAINTENANCE SIMULATOR TRAINING



WORKSHOP TRAINING



RECURRENT TRAINING

- » CMI Defence's commitment: to support and to train.
- » CMI Defence: simulation at the forefront of technology.

Through-life support

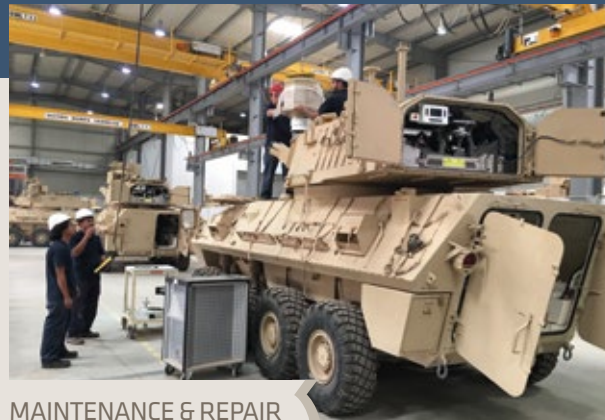
With the objective of enhancing system readiness, CMI Defence supports its customers throughout all stages of operation of their systems. It therefore deploys capabilities to maintain land-based military equipment in operational conditions: refurbishing, obsolescence management and spare parts for turrets and armament, reconditioning, modernization and surface treatment for armoured vehicles.

This support throughout the systems' life-cycle includes provision of technical documentation and specific tools. It is based on an assistance network around the world. It takes into account customers' operational objectives and budgetary constraints.

System Readiness



TECHNICAL ASSISTANCE



MAINTENANCE & REPAIR



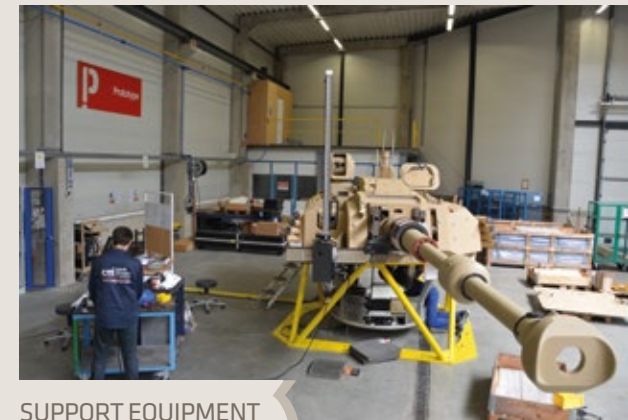
TECHNICAL DATA



UPGRADE



SUPPLY SUPPORT

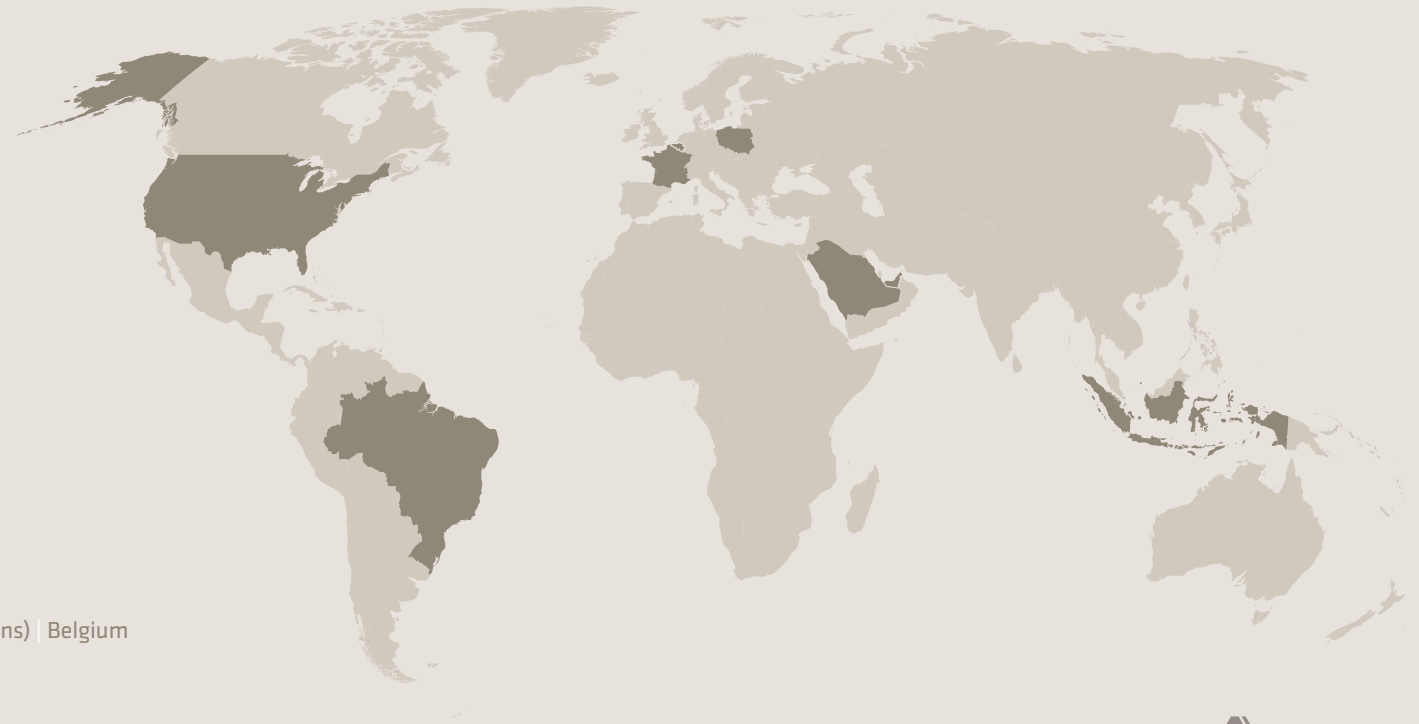


SUPPORT EQUIPMENT

- » CMI Defence, trusted partner of modern armed forces.
- » For land-based military equipment in operational conditions.



CMI DEFENCE



CMI Defence

Rue Alfred Deponthière, 44 | B-4431 Loncin (Ans) | Belgium
Tel.: +32 4 330 20 01 | Fax: +32 4 361 14 57

CMI Defence Worldwide:

Belgium | Brazil | France | Indonesia | Poland | Saudi Arabia | Singapore | United Arab Emirates | USA

defence@cmigroupe.com | www.cmigroupe.com/defence

COCKERILL®

 **agueris®**