

Paris, 16 June 2021

PRESSE RELEASE**ADVANCED INDUSTRIAL MANUFACTURING**

CNIM Systèmes Industriels is strengthening its metrology division with the acquisition of a very large, very high-precision ZEISS machine.

Made to measure for CNIM, the ZEISS MMZ-G is the largest very high-precision metrology machine in France. It complements CNIM's measurement instrument line-up for three-dimensional inspection of industrial parts intended for private and public customers operating in strategic markets.

At its industrial site in La Seyne-sur-Mer in the Var region (83), CNIM Systèmes Industriels (CSI), a CNIM Group company, designs and manufactures high value-added systems and equipment that are characterized by their very large dimensions and very high precision. These mechanically welded assemblies are intended for particularly demanding industrial sectors such as defence, nuclear, large scientific instruments, space, aeronautics, semiconductors, etc.

With the acquisition of this machine, CNIM is acquiring new inspection means to match its production resources and is extending its Measurement offer to very large and thick parts requiring extreme precision. Additionally, this new measurement means may also be made available to other French or European industrialists. Following the investment, a COFFMET level 3 metrology expert was recruited and staff were trained in the Calypso software by ZEISS.

The industrial parts manufactured by CNIM are subjected to strict dimensional inspection to ensure the high level of quality and performance demanded by customers. The advanced certifications accompanying all the on-site inspection means associated with the CNIM teams mean that very demanding manufacturing tolerances of just a few μm can be checked on parts measuring several metres.



© Gilles Perbal



Seeing beyond

With its large dimensions (8m x 4m x 2m), the ZEISS MMZ-G is the largest high-precision machine available in France. The machine delivered to CNIM was built using an existing ZEISS model, whose length and gantry were adapted to the industrialist's needs. Three months were needed to produce the plans for the ZEISS MMZ-G and 10 months for its manufacture. With commissioning carried out in mid-April, this made-to-measure machine received its conformity certificate from APAVE on 22 April. Its direct proximity to the port of Brégaillon - only a few metres away - adds to the exclusivity of the studies related to this unique construction in France.

About CNIM

Founded in 1856, CNIM is a French equipment manufacturer and industrial contractor operating on a worldwide basis. The Group provides its products and services to major public and private sector organizations, local authorities and national governments in Environment, Energy, Defense, and High Technology markets. Technological innovation is at the core of equipment and services designed and manufactured by the Group. They contribute to produce cleaner and more competitive energy, to limit environmental impacts of industrial activities, to secure sensitive facilities and infrastructures, and to protect individuals and nation states. CNIM is listed on the Euronext exchange in Paris. It relies on a stable family-based majority shareholding structure committed to its development. The Group employs 2,706 people and had revenues of €632.9 million in 2020, 47.8% of which was from exports. www.cnim.com

About ZEISS

ZEISS is one of the leaders in industrial metrology. A major player in optics for more than 150 years and industrial metrology since 1972 with the launch of the first continuous three-dimensional measurement machine, equipped with ZEISS Scanning, the company has continued to progress and innovate since then, dedicating nearly 10% of its turnover to Research & Development each year.

Today, ZEISS is the only player to provide such a complete range of innovative solutions and systems in three-dimensional metrology, for the metrology room or production workshop, in optics, X-ray tomography and optical and electronic microscopy, all within a single organisation. ZEISS also offers 3D metrology and tomography services.

Press contacts

Agence Gen-GCNIM | CNIM

Laurence Colin

laurence.colin@gen-g.com

33 (0)6 49 75 47 11

Frédérique Vigezzi

frederique.vigezzi@gen-g.com

33 (0)7 88 32 05 87

CNIM SYSTEMES INDUSTRIELS

Marine Cavillon

marine.cavillon@cnim.com

33 (0)6 79 37 45 96

ZEISS

Marie-France Pioche

marie-france.pioche@zeiss.com

+33 (0)6 48 29 51 07