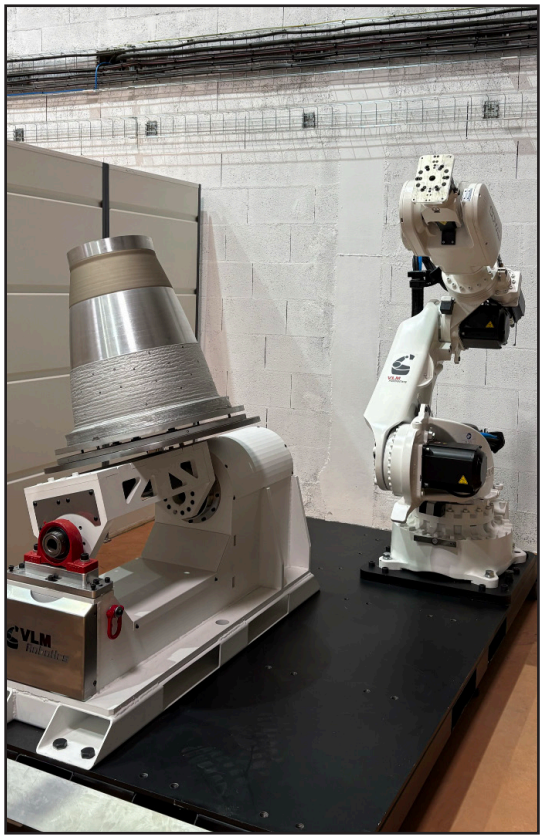
MACHINE TOOL BUILDER
FOR XXL HYBRID
MANUFACTURING

COMPAQT HYBRIDE MCO-OFFSHORE



Compaqt machine from VLM Robotics

COMPAQT STANDARD FOR METAL ADDITIVE MANUFACTURING

Designed for industry: ASD, Railway, Naval, Energy, Foundry, Tooling ...

COMPAQT FEATURES

- Machine : **transportable** and **adaptable** size (part volume in mm)
- **8 - axis machine :** Robot + rotary table + CN + CMT advanced system
- Robotic cell preconfigured to be **scalable, designed for multifunction**
- **Easy way of appropriation.** No specific knowledge of the robot is necessary to be able to pilot it !
- **Discriminatory expertise** of VLM in motion control certified by the Siemens Solution Partner label

AND ITS MCO / OFF-SHORE VERSION

- Combined with **WAAM** (Wire Arc Additive Manufacturing) technology
- Other technologies : **SCAN and MACHINING**
- For **Operational Condition Maintenance and Off-Shore work**
- On maintenance operations : **part repair or manufacturing of spare parts**

MCO / OFF-SHORE at AM VILLAGE

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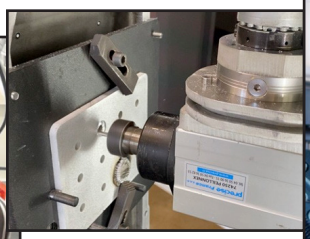
THE TECHNOLGIES ON BOARD HYBRID MACHINES

In addition to FRONIUS' WAAM cold CMT metal additive manufacturing technology, the machine integrates its complementary effectors (scanning and machining) to finish the metal part in situ. Also available as an option: an FDM pellet effector for polymer parts and the Industrial Edge for traceability and qualification of produced parts.

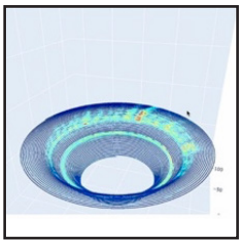
SCAN



BROCHE USINAGE

TORSHE WAAM

Option : Industrial EDGE

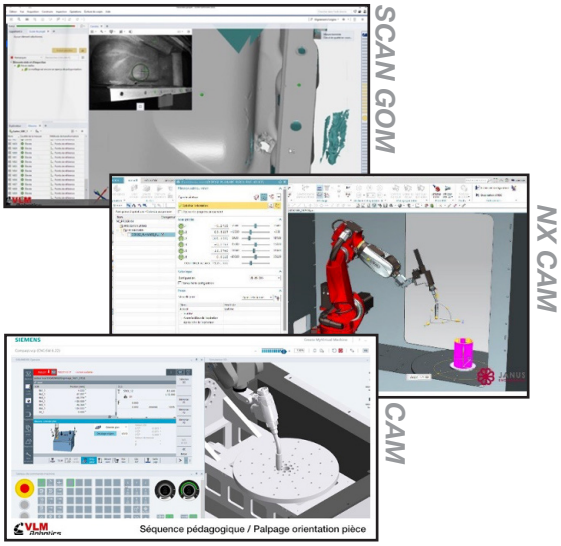


Option : Effecteur FDM polymere

LINK WITH THE PROGRAMMING PC

The digital continuity of the cell allows remote programming. SIEMENS NX software and its reference suite for **additive manufacturing and machining** which ensures the complete development of the part :

- From its CAD redesign with **NX which connects to SCAN GOM.**
- Programming with **NX CAM Robotics.**
- To simulate the machine on its **RMVM** Digital Twin.



PACKAGABLE CONTAINER SOLUTION

- Customizable offer **but complete turnkey solution**
- **Connected, secure machine…** local operation in "press button" mode with remote PC support

- **Remote maintenance :** digital twin + remote diagnosis + remote maintenance
- Option : **part traceability and qualification via part digital twin**
- Option : **polymer additive manufacturing head**