

HYMANCO

HYBRID MOC/OFF SHORE UNIT

- With WAAM (Wire Arc Additive Manufacturing) technology
- With other technologies : SCAN and MACHINING
- For Maintenance in Operational & Off-Shore work or Manufacturing on field
- On operations like : part repair or manufacturing of parts



HYMANCO unit from VLM Robotics

CONTAINERIZATION AVAILABLE IN 2 DIFFERENTS VERSIONS



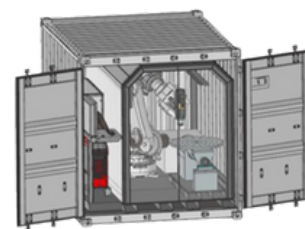
20 feet version



20 feet version

The HYMANCO unit is delivered in 10-feet or 20-feet container formats. In space-constrained environments, each component can be unloaded from the container before use.

- 10-feet container: version optimized for transport only.

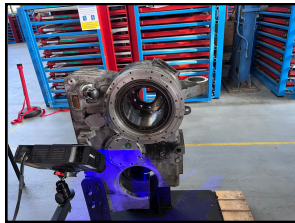


- 20-feet container: fully equipped workshop, ready for on-site manufacturing and direct operation

TECHNOLOGIES ON BOARD

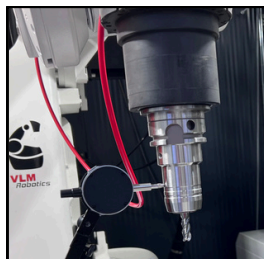
In addition to Fronius' WAAM CMT metal additive manufacturing technology, the machine integrates its complementary effectors (scanning and machining) to finish the metal part in situ.

Also available as an option: an FDM pellet effector for polymer parts and the Monitoring and Edge solutions for traceability and qualification of produced parts.



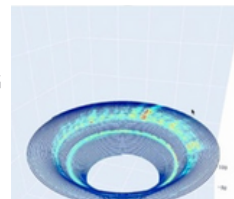
SCAN

MILLING
EFFECTOR



WAAM
EFFECTOR

OPTION:
EDGE AND
MONITORING
SOLUTIONS



OPTION :
POLYMER
EFFECTOR

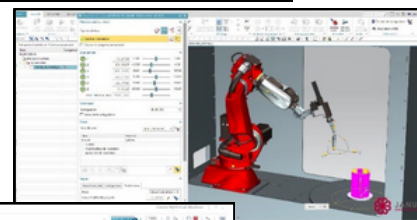
REMOTE CONTROL TECHNOLOGIES

The machine's Digital Continuity enables remote programming.

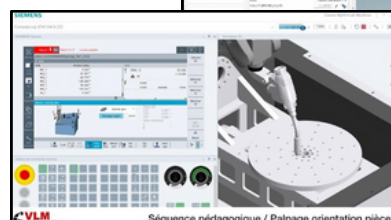
SIEMENS NX software and its reference suite for additive manufacturing and machining ensure complete part development:

- CAD design connected with NX to the scanner.
- Programming with NX CAM Robotics.
- Machine simulation using its RMVM digital twin.
- Monitoring via the dashboard

SCAN GOM



NX CAM



NX CAM

YOUR TURNKEY AND SECURE SOLUTION

Customizable offer but complete turnkey solution

- Container Size
- Container Digital Continuity
- Options :
 - Edge and Monitoring Solutions / part traceability and qualification thanks to Part Digital Twin
 - Polymer effector / Polymer additive manufacturing head + its environment

Connected, secure unit... local operation in "press button" mode with remote expert support

Digital Continuity for remote maintenance or production but also useful in different cases

- Events which require diagnosis, operational assistance to adapt production
- Complete remote control of the production / maintenance
- Operator training