

NEWSPACE MARKET · COMPANY PROFILE



VENG S.A.

Argentina · founded 2007 · veng.com.ar

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as of 20 August 2026

VENG S.A.

VENG S.A. is an Argentine engineering and manufacturing company founded in 2007 that provides high-value technological services and development for the national space activity. It is the principal industrial contractor to CONAE, Argentina's National Space Activities Commission, and leads development of the Tronador II satellite launch vehicle programme, covering the full value chain from requirements definition through design, simulation, manufacturing, testing, qualification and vehicle integration. The company's engineering scope spans liquid-propellant rocket engines (including the MCA2, MCA3, MES3K, MT-B, 4TR4, M150, MR500KB2 and RS-2 motor families), friction-stir-welded aluminum structural/propellant tanks and carbon-fibre composite pressure vessels (COPV) for gas storage, avionics such as the Antartix FPGA-based onboard computer and the SVD digital video system for launch vehicles, and RF/ground-segment infrastructure. VENG operates the Mission Control Centre for the SAOCOM Earth-observation satellite constellation and runs ground stations in Córdoba and Tierra del Fuego. VENG's heritage traces through Argentina's sounding-rocket and experimental-vehicle programme: the VS-30 sounding rocket (2007), the Tronador I 1B vehicle (2008), and the VEx experimental vehicle series (VEx-1A/1B in 2014, VEx-5A in 2017) that validated navigation, guidance and control, and propulsion technologies later used on Tronador II. The company also supported the SAC-D/Aquarius (2011) and SAOCOM 1A/1B (2018/2020) satellite missions built for CONAE. VENG holds ISO 9001:2015 certification and partners with international organisations including ESA, Telespazio, MDA and satellite operators such as Satellogic and Viasat.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

IPC Regional Training Center

VENG S.A. operates an IPC Regional Training Center, offering certification for operators based on IPC standards.

Satellite Information Solutions

VENG S.A. provides customized solutions by combining satellite information (SAR, Optical, etc.) for applications in various sectors like agriculture, hydrology, health, and general business.

Satellite Project Engineering and Integration

VENG S.A. provides high added value in hardware and software for satellite projects, covering design, conceptual and detailed engineering, manufacturing, assembly, integration, and testing.

Product catalogue



VENG S.A.

Antartix – Computadora OBC

The Antartix v2.0 OBC is a high-performance, easy-to-integrate on-board computer and FPGA development board built on the AMD Xilinx Artix-7 FPGA, optimized for MicroBlaze and PetaL

FACTOR DE FORMA	PCI/104-Express totalmente compatible
FPGA	AMD Artix-7 XC7A200T-1FBG484IHz
MEMORIA	DDR3L SDRAM 4Gb 933 MHz20 ns MT41J128M16HA-125:K
MEMORIA FLASH	A bordo – NOR Memory IC 128 Mbit SPI – Quad I/O 104 MHz
MEMORIA ADICIONAL	BPI a bordo – NOR Memory IC 512 Mbit Paralela 133 MHz – 96 ns
INTERFAZ PCIE	x1 lane PCie Gen1.0(2.5GT/s)
PCI BUS	Local Bus

price on request [datasheet](#)



VENG S.A.

MOTOR MT-B

The MT-B is a bipropellant liquid rocket engine with a single regeneratively cooled thrust chamber, designed for the second stage of the Tronador TII-250 launch vehicle.

USO	Segunda etapa (óptima) o clúster de primera etapa
EMPUJE EN VAC	4280 Kgf
PROPELENTES	LOX/RP1
IMPULSO ESPECÍFICO EN VAC	330 S
SISTEMA DE ALIMENTACIÓN	CICLO GENERADOR DE GASES

price on request [datasheet](#)



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price on request datasheet



VENG S.A.

Tanques soldados por Friction Stir Welding (FSW)

Friction Stir Welded (FSW) pressurized aluminum 2219 propellant tank structures developed by VENG for the first stage of the Tronador II-250 space launch vehicle.

Prototype tank length	3.5 m
Prototype tank diameter	2.5 m
Prototype tank wall thickness	3.2 mm
Tank material	Aluminum 2219 (space grade)
Welding standard	American Welding Society (AWS) international standards
Final LOX tank length	8 m
Final kerosene tank length	6 m

price on request datasheet

Contact VENG S.A.

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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