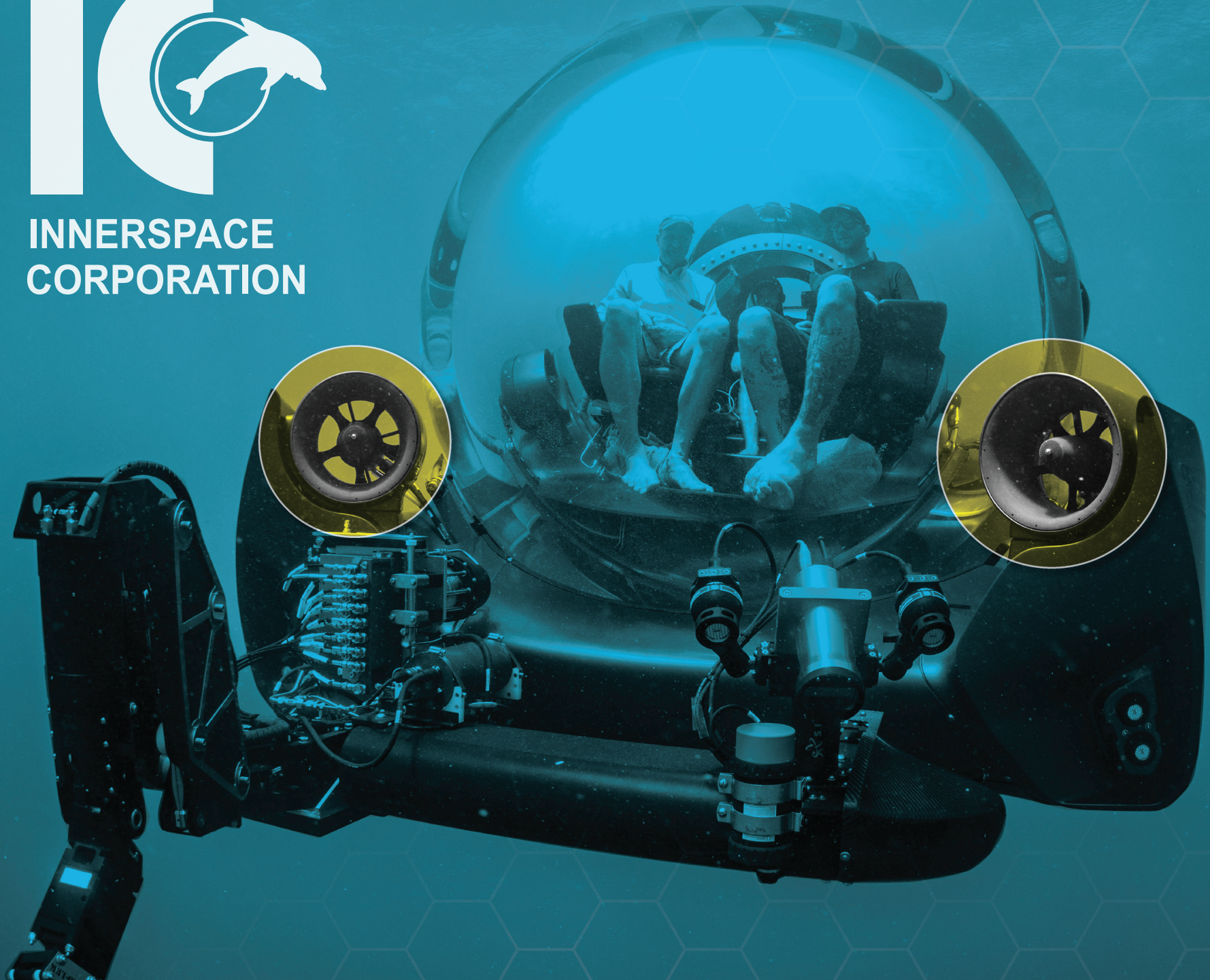




**INNERSPACE  
CORPORATION**



# Innerspace Thrusters

## PROPELLING THE INDUSTRY FORWARD

Since the 1960s, Innerspace Corporation has been a pioneer in underwater propulsion systems. Innerspace engineers and manufactures cutting-edge thrusters for marine vehicles, including remotely operated vehicles (ROVs), autonomous underwater vehicles (AUVs) and submarines. The company's unwavering commitment to innovation and quality has marked it as a global leader in subsea propulsion technology.

Innerspace's thrusters are renowned for their exceptional efficiency, reliability and versatility. The company offers a comprehensive range of hydraulic and electric thrusters, catering to diverse underwater applications. The flagship 1002HL Thruster, equipped with revolutionary Hexjet Technology, delivers unparalleled thrust and maneuverability.

Beyond their off-the-shelf solutions, Innerspace excels in crafting customized propulsion systems tailored to specific R&D programs and prototype underwater vehicles. Their expertise spans across various industries, including public sector, military, exploration and commercial enterprises.

## CUSTOMER-ORIENTED SUPPORT

Innerspace's dedication to excellence extends beyond their products. The company provides comprehensive customer support, ensuring the highest level of service throughout projects. With a team of experienced engineers and technicians, Innerspace is committed to empowering their clients to achieve their underwater exploration and research goals.

*A commitment to excellence and only the highest standards of quality and service have been maintained throughout our 65-year history.*



# Thrusters & Related Products

Innerspace offers a variety of thrusters ranging from 50 lbf thrust at 4.7" up to 8,000 lbf of thrust at 45" prop diameter. The company's products have been used aboard the Alvin submarine and Pisces IV in 1970s to today's modern vehicles, such as the second-generation CURV 21 and the SEAmagine submarines. All Innerspace products are domestically assembled with U.S.-sourced materials.

## ELECTRIC THRUSTERS

Innerspace's electric thrusters are known for their high efficiency, reliability, and versatility. The company offers a wide range of electric thrusters, including the 1002 Series, 1004B Series and H106 Series. These thrusters are used in a variety of applications, including remotely operated vehicles (ROVs), autonomous underwater vehicles (AUVs) and submarines.

## HYDRAULIC THRUSTERS

Innerspace's hydraulic thrusters are known for their high thrust-to-weight ratio, efficiency, and reliability. They are designed to withstand the harsh conditions of the underwater environment and are backed by a comprehensive warranty.

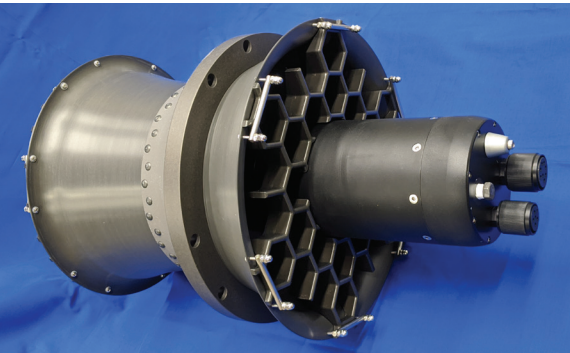
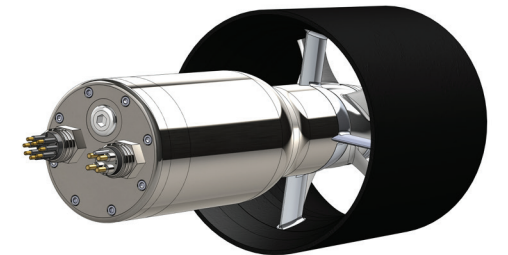
Innerspace's hydraulic thrusters include the 1002 Series, 1004B Series and H17-8400 Series. These

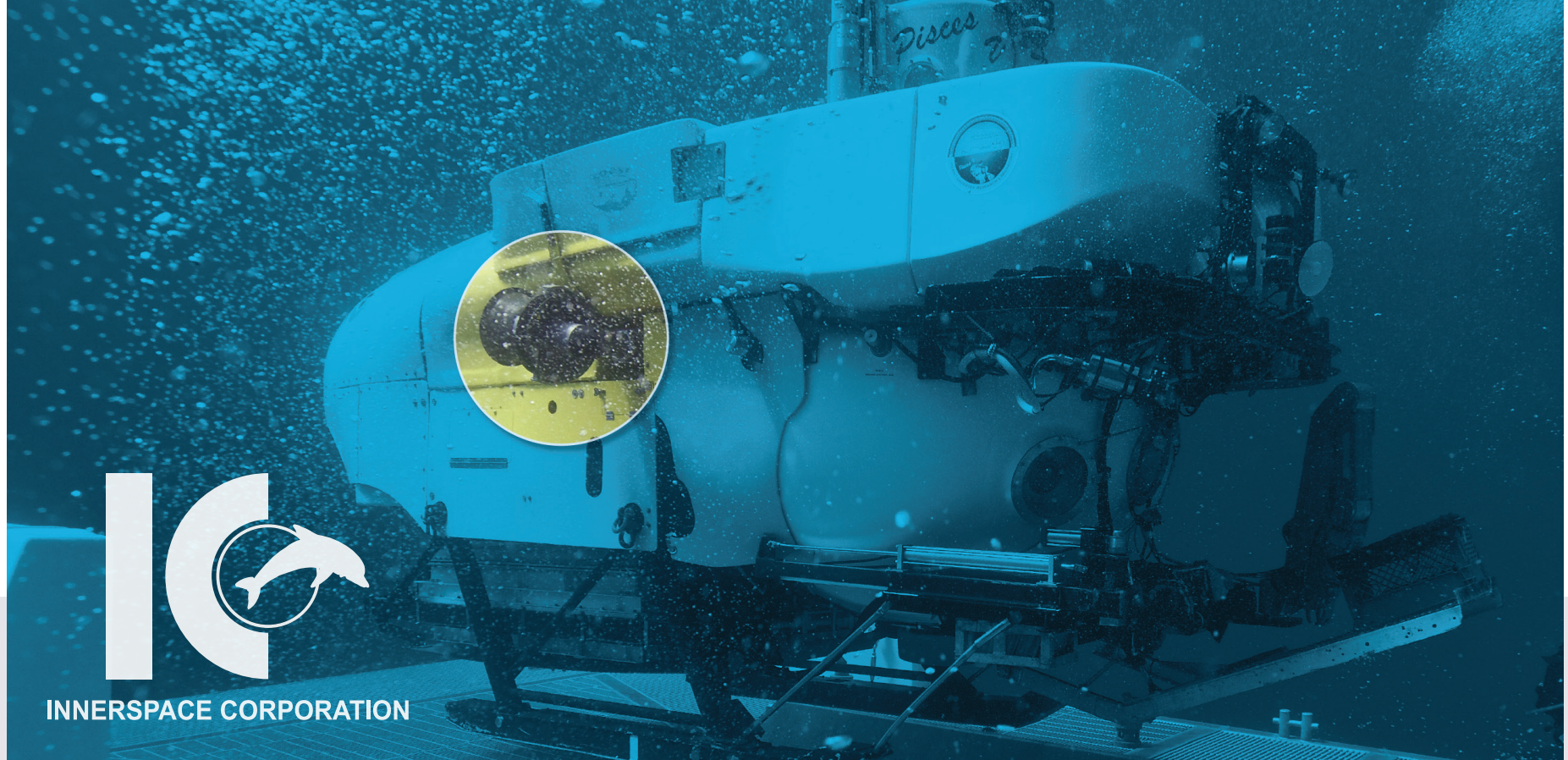
thrusters are used in a variety of applications, including remotely operated vehicles (ROVs), autonomous underwater vehicles (AUVs), and submarines.

## OTHER PRODUCTS

In addition to offering electric and hydraulic thrusters, Innerspace also designs and manufactures motor controllers (for electric thrusters), available in a 1 atm stand-alone housing. The company also offers heat-treated, hard-anodized aluminum honeycomb (hex) screens that increase efficiency and come in a variety of sizes. Additionally, Innerspace supports a wide variety of special projects requiring custom products.

*Owners can expect motor efficiencies of 92-96% percent.*





**INNERSPACE CORPORATION**

# **A Targeted Approach to Underwater Propulsion**

Since our founding, Innerspace has had the great honor of working with countless organizations from the public sector, military, exploration industry and private companies. Worldwide, we've supplied subsea thrusters for science, underwater exploration projects, commercial and private industries.

Innerspace's entire focus is on creating the most advanced and reliable commercial underwater thrusters for underwater vehicles. Our staff has many years of experience and knowledge of all types of subsea propulsion systems and seeks to exceed the requirements of each client.

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