

AEROSPACE, MISSILE & NAVAL SYSTEMS

**N**  
**NUCON**  
**Aerospace**



## Company Profile

The field of Aerospace is one of the most sought-after and revered domains largely because of the tremendous value it brings to commercial, industrial and military applications. It's therefore pivotal to have a company which specializes thoroughly in a domain which is as rare and precious as aerospace. From the past three decades, an efficient team with invaluable work experience and technical expertise has been working relentlessly to make Nucon a global brand. Today at Nucon, we can hold our heads high as we have earned our credibility and reputation thanks to the quality products we have delivered over the years.

At Nucon, we are proud to be the leaders in control actuation systems and guidance, as we have executed projects with great success therefore meeting the requirement of aerospace and defence systems integration. And it doesn't stop there our innovative bent of mind has prompted us to leap beyond the said and done with a belief to contribute to the world with our passion.

## Our Vision

To become a Global Top 10 company in Motion Control Systems focusing primarily on Aerospace and Defense

## Our Mission

To achieve Stakeholder Satisfaction through, Technological Innovation, Consistent Quality and Motivated Employees with the highest levels of Ethics & Values

## Chairman Message

First and foremost, I extend my gratitude to all the clients, partners and team at Nucon who've been a part of the extensive progress that Nucon had witnessed since its inception. What started as a small firm many years ago has today achieved a prominent place as a high technology company with firm focus on R&D. We are evolving every day, at every level with a dedicated team fuelled by commitment towards making Nucon, one of the leading technology companies in the country.

We take utmost pride in having clients around the world who believed in our work. We are privileged to be associated with some of the leading organizations in the country along with a strong presence at the global front. With our long term goal of being one of the top defense systems manufacturers, we have very recently stepped into a new manufacturing facility. We at Nucon work towards achieving the impossible by constantly pushing the boundaries and dreaming beyond the expected.

With high aspirations and hopes, I wish that Nucon will continue its great work in delivering quality technology solutions to customers at optimized costs reaching wider markets.

Hemant Jalan  
Chairman & Managing Director



## QC Certification

- ISO 9001 : 2015
- AS 9100 : 2016
- Cemilac Certified for Design and Development of Airborne Systems For R&D Facility

We are confident and proud of our quality assurance in design, development, production, installation and servicing and hence the certification is a welcome value-addition.



## Infrastructure



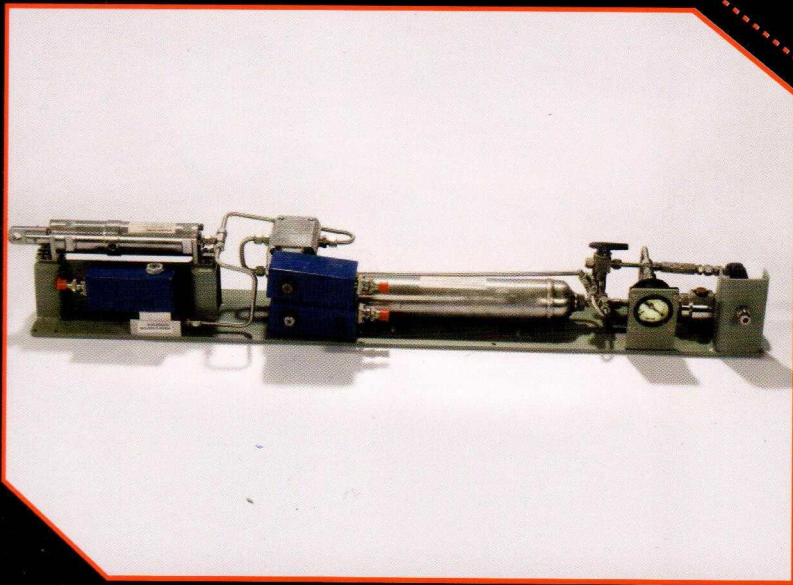


# AEROSPACE SYSTEMS

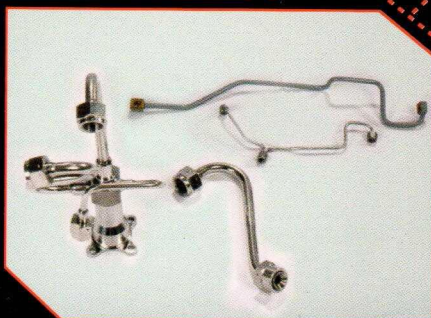
Antenna System Cables



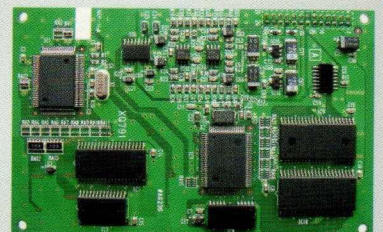
Pneumatic Missile Ejection system



Precision Pipe Assemblies



Electronic LRU's

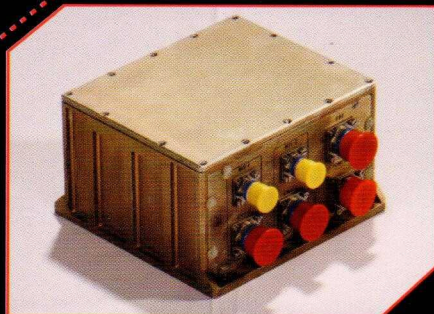




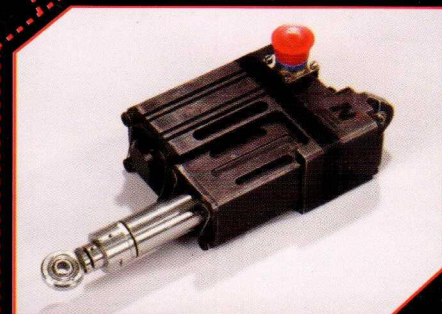
Engine Control  
Actuator



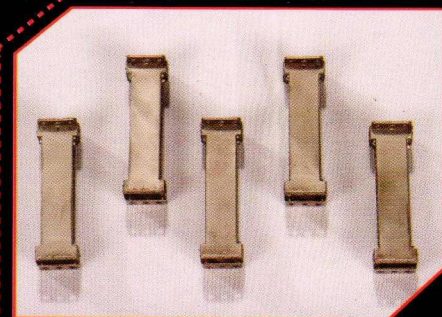
Digital Controller



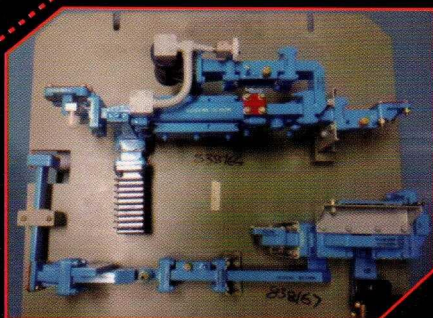
Electro-  
mechanical  
Actuator



Titanium Wave Guides



Wave Guides



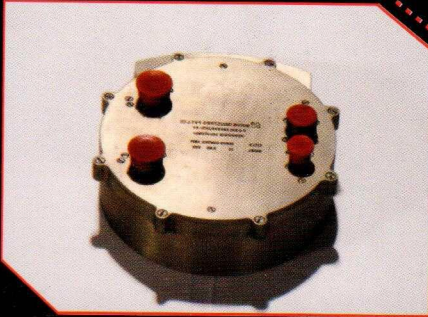
PA Systems Cables





# MISSILE SYSTEMS

Servo Control Unit



Pyro Valve



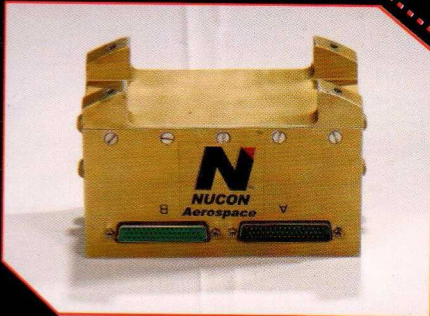
Power Distribution Unit



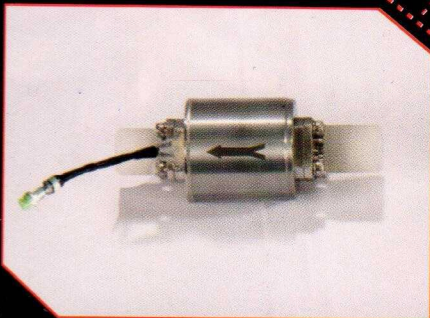
Pressure Regulator



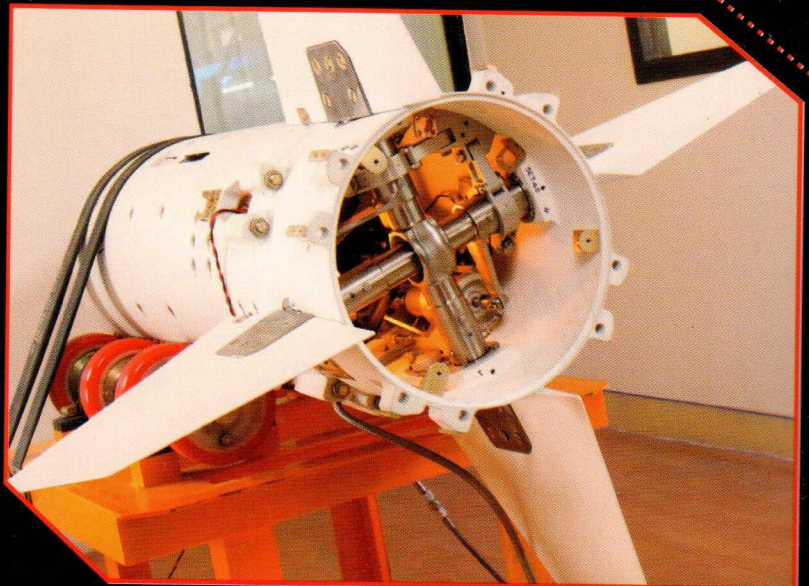
Pyro Relay Unit



Solenoid Valve

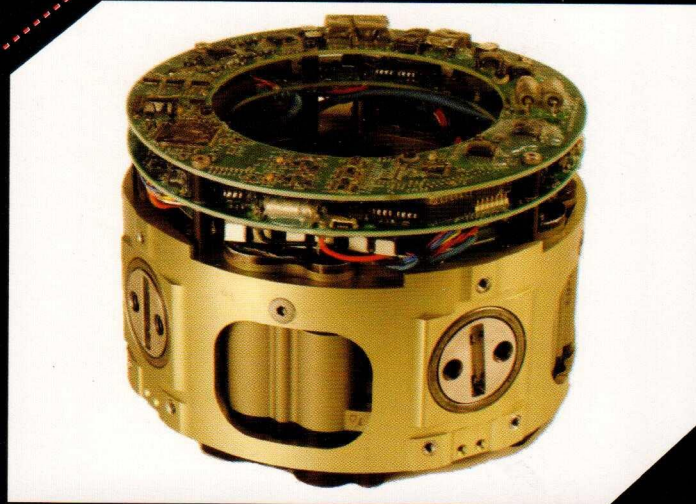


System Integration

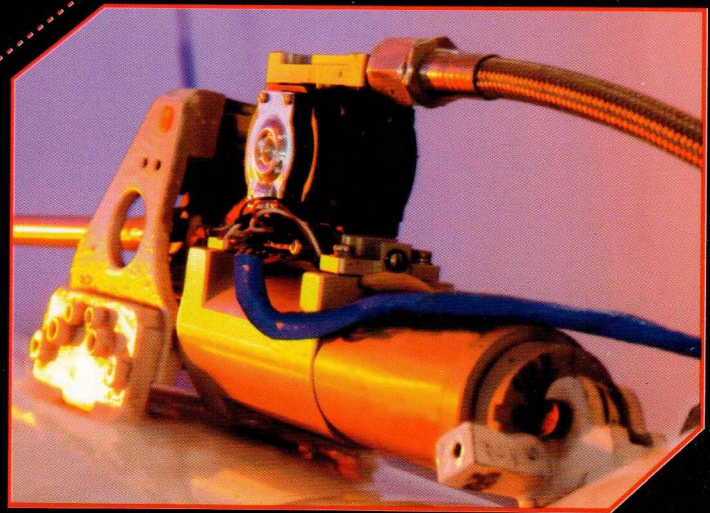




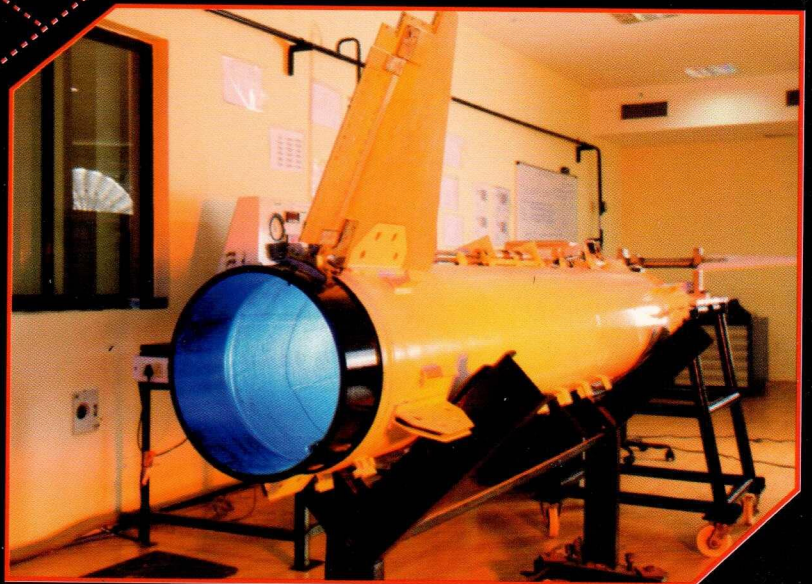
Integrated Rear Servo System



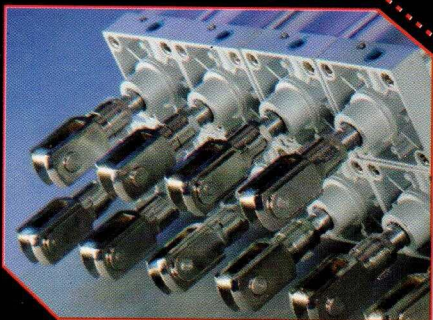
Electro Pneumatic Servo Actuators



Rocket Motor



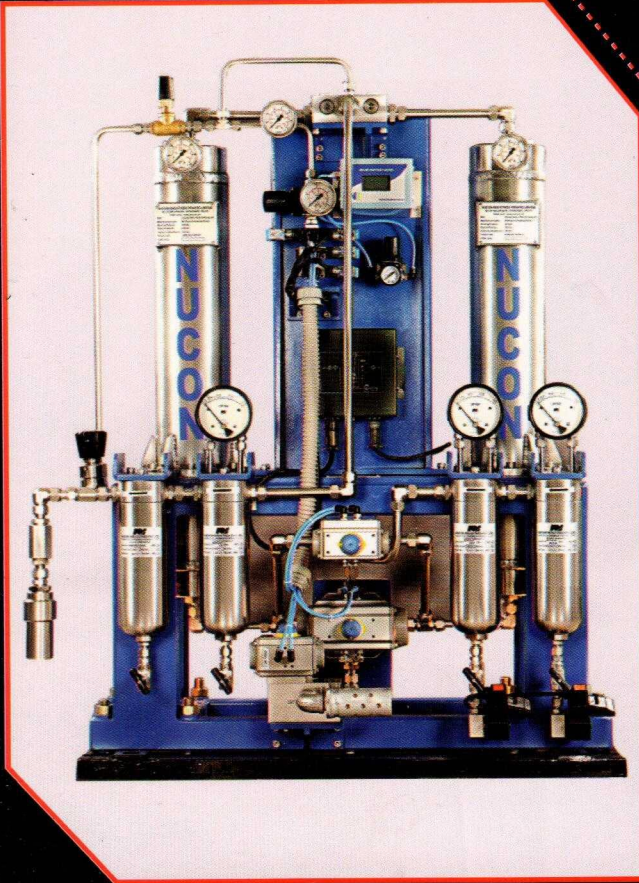
Electro Mechanical Servo Actuators



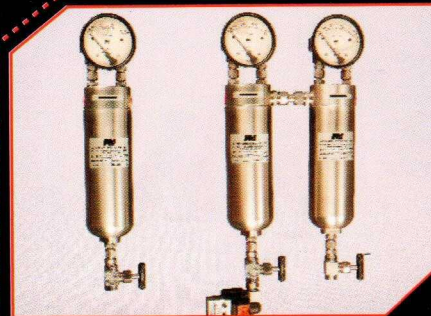


# NAVAL SYSTEMS

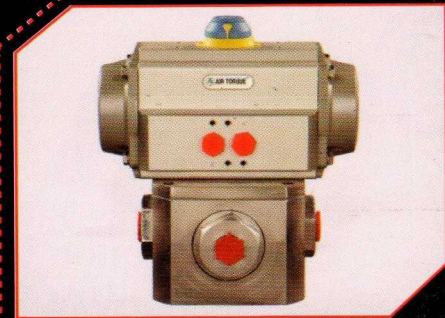
High Pressure Dryer



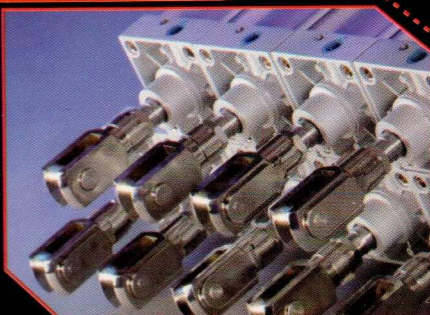
High Pressure Micro Filters



Rotary Actuators



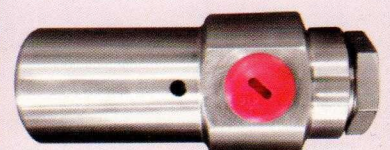
Electro Mechanical Servo Actuator




Pressure Reducers



Pressure Maintaining Valve







Manufacturing Facilities

TITANIUM, ALUMINIUM  
& STEEL WELDING &  
BRAZING

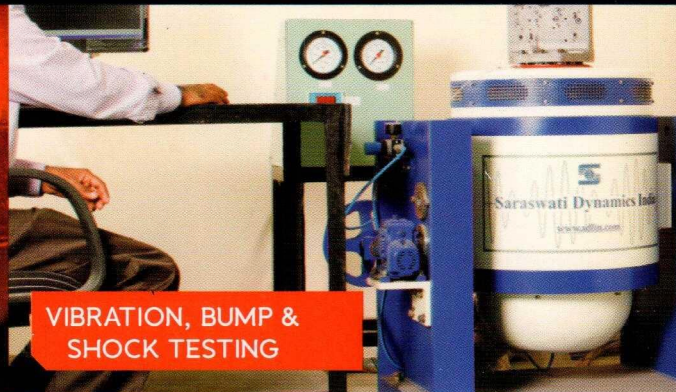


# Manufacturing Facilities

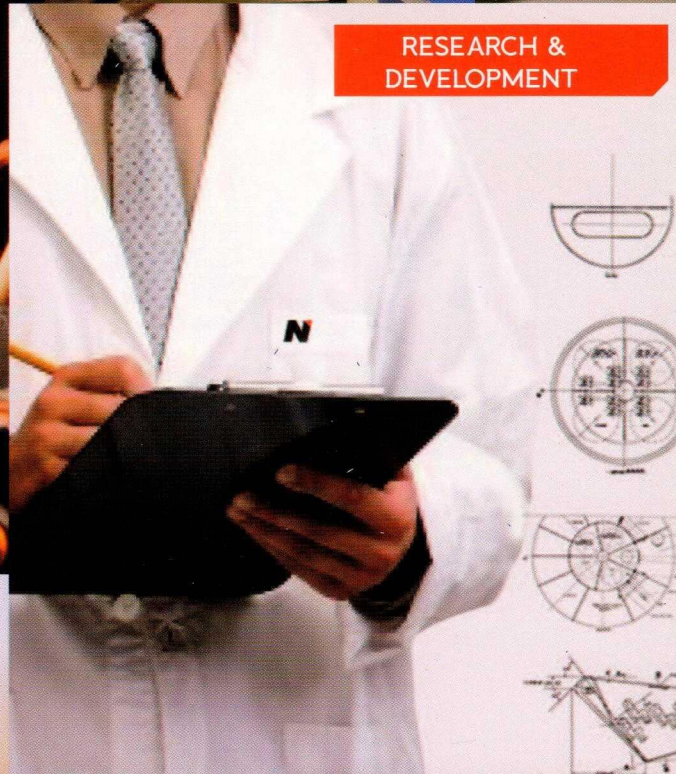
CNC MACHINING



VIBRATION, BUMP & SHOCK TESTING



RESEARCH & DEVELOPMENT



CMM



MECHANICAL ASSEMBLY  
CLEAN ROOM



ACCEPTANCE TESTING



ESS



ELECTRONICS ASSEMBLY  
CLEAN ROOM





## Clients



Bharat Dynamics Limited



Research Centre Imarat



Hindustan Aeronautics Limited



BrahMos



Isro



Ministry of Defence



Department of Navy



Bharat Electronics



Rafael Defence Systems Ltd.



Thales Group



MBDA Missile Systems



UTC Aerospace Systems



Bharat Earth Movers Limited



KSI, Germany



ECIL



Indian Institute of Astrophysics

## JV PARTNERS







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