



# MTC Industries & Research Ltd.

## Line of Business

Aerospace systems  
for Defense and UAV

## Established

1977

## Leading Executives

Mr. Yechiel Cohen  
President

Mr. Yair Avni, VP  
Operations

Mr. Meir Segal, VP  
Business Development

Ms. Jemy Gershonovich,  
VP Administration

**L**ocated in Karmiel, at the heart of the Galilee, northern district of Israel, MTC has developed over the years into a leading supplier to Defense Industries as well as UAV manufacturers worldwide, for its highly sophisticated, accurate and reliable systems.

## Certifications

- AS 9100/ISO9001:2008 & MIL-STD compliant.
- Ship-to-Stock Supplier to RAFAEL (Rafael Advanced Defense Systems), IAI, IMI, IAF, Israel Navy, Elbit Systems, BAE, EADS etc.



## Production Facilities

- High precision machine-shops
- Laser-cutting, welding & casting shops
- Clean-rooms for electro-mechanical harness and microscopic assembly
- Automatic coil-winding machines etc.

## MIL-STD Testing

- Dimensional Control Lab
- Metallurgical Lab
- Temperature Cells
- Environmental (Shaker)
- All Testing Equipments

## Main Products

(detailed catalogue on website)

- Gyroscopes / MEMS
- Electric servo actuators
- Electric motors
- Resolvers / RVDT / LVDT
- High pressure vessels
- Solenoid valves
- Slip-rings
- Canard actuation steering units
- Fuel system control manifolds
- Gimbal units

## Main Services

### R & D / Experts in:

- Design of electro-mechanical products
- Writing of production files (both build-to-spec & build-to-print)
- Reliability analysis
- Design reviews
- Building of prototypes
- Complete qualification tests

## Thermal coatings

Long-term experience in

- HVOF
- Plasma
- Arc and Flame Spray Technologies
- Used for overhaul of aircraft engine components
- Provide unique solutions in a wide range of applications and industries
- An alternative to hard-chrome plating, thermal coatings are both
  - Resistant to higher temperatures and
  - Environment friendly

## Custom designed products

MTC also manufactures electro-mechanical products according to customer specifications.

## Additional Activities

MTC Dental Division designs and manufactures innovative products for dental practice, such as High Speed Handpieces and Brushless Micromotors.

# mtc

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