WELCOME AT AEROTECH

AEROTECH PEISSENBERG GMBH & CO. KG
The Aerotech Group at a glance

Originally founded as a production facility for MTU Aero Engines, the Aerotech Group has grown and diversified, achieving international reputation

Aerotech Group’s history and company milestones

- **1970**: Founded as a production site for aero engine parts by MTU Aero Engines Munich
- **1997**: Carve out from MTU Aero Engines, Acquisition by INDRO Holding
- **2003**: Start of international marketing activities
- **2005**: 98% of revenue generated with MTU at this time
- **2011**: Founding of Aerotech Czech as advanced production facility in order to benefit from better factor cost structures
- **2013**: Acquisition of Aerotech Group by MT Aerospace Holding / OHB
- **2016**: Founding of ATFIN GmbH
- **2018**: Founding of ATC Space
- **2018**: Founding of AT Engine Mexico S.A.P.I. de C.V.
  - Ramp-up of high volume programs

ATP has earned its globally renowned position in more than 40 years of precise manufacturing of high technology products.
WELCOME TO AEROTECH

Aerotech Peissenberg GmbH & Co. KG
- Headquarters of the Aerotech Group
- Founded in 1970

ATFIN GmbH
- Founded in 2013

ATC Space
- Founded in 2018

Aerotech Czech s.r.o.
- Best-cost production site
- Founded in 2005

AT Engine Mexico S.A.P.I. de C.V.
- Founded in 2016
AEROTECH PEISSENBERG
PEISSENBERG, GERMANY

Employees (April 2019) 470
Indirect 153
Indirect production support 53
Direct 234
Trainee 30

Equipment
- Turning Centers 51
- Milling Centers (5-axis mainly) 31
- Integrated Turning-Milling / Milling-Turning 6
- Grinding Machines 13
- Broaching Machines 3
- CMM 8
- Plasma Coating, HVOF 2
- FPI, Cleaning, Laboratory (NADCAP) 2

The average age of machines is < 6 years.

Main Products & Services
Finish machined Compressor and Turbine Disks, Rotating Rings, Casings and other complex machined parts with sizes up to diameter 1250 mm including Special Processes and Supply Chain Management; Engineering hub for Aerotech group.
Aerotech Process Center & ATFIN
Opened in June 2007

Thermal Coating
Two Coating Centers are installed

Material Laboratory

NDT (FPI, Cleaning)

Chemical Treatment and Shot-Peening (planned)

Certified by NADCAP and our Aerospace customers
Main Products & Services
Pre-machined, semi-finished as well as finish machined disks and rings with sizes up to diameter 1000 mm to support production of Aerotech Peissenberg, pre-machined (ultrasonic shape and near-net shape) parts directly delivered to customers including ultrasonic testing.
Main Products & Services

Finish machined HP Compressor Blisks, Spools and HP Turbine Disks including all Special Processes and Supply Chain Management.

Engineering support by Aerotech Peissenberg.
PROJECT STATUS - BUILDING
DATE: 20. MAY 2019
PROJECT STATUS - BUILDING
DATE: 03. JUNE 2019
Main shop floor – epoxy coating
PROJECT STATUS – MACHINE INSTALLATION

DATE: 25. JUNE 2019

Inertia Welder

DMC100FD

CTX2000
PROJECT STATUS - BUILDING
DATE: 26. JUNE 2019

Open space office

Meeting room
PROJECT STATUS - BUILDING

DATE: 26. June 2019

Reception area
The Group

Aerotech Peißenberg GmbH & Co. KG

ATFIN
Peißenberg, Germany (49%)

Aerotech Czech s.r.o.
Klatovy, Czech (100%)

ATC Space
Klatovy, Czech (100%)

AT Engine Mexico S.A.P.I de C.V.
Hermosillo, Sonora, Mexico (51%)

AT Aero Manufakturas S.A de C.V.
Hermosillo, Sonora, Mexico (51%)
THE SHAREHOLDER STRUCTURE AND AEROTECH GROUP

MT Aerospace Holding GmbH

100% 100%

MT Aerospace AG
Augsburg, Germany (100%)

MT Mechatronics GmbH
Mainz, Germany (100%)

MT Aerospace Guyane S.A.S.
French Guiana (100%)

MT Management Service GmbH
Augsburg, Germany (100%)

Apollo Capital Partners GmbH (51%)

49%

Aerotech Peissenberg GmbH & Co. KG
Peißenberg, Germany (100%)

Aerotech Czech s.r.o.
Klatovy, Czech (100%)

AT Engine Mexico S.A.P.I de C.V.
Hermosillo, Sonora, Mexico (51%)

ATFIN
Peißenberg, Germany (49%)

ATC Space
Klatovy, Czech (100%)
AEROTECH GROUP
SALES ORGANIZATION 2018

Michael Kern
CEO

GV
VP Sales
Bernd Kretschmer

Bernd Kretschmer
Key Account Special Projects

Andrea Valentin
Key Account Manager

Georg Federspieler
Key Account Manager

Arne Muncke
Key Account Manager

UK Support
Paul Raymond

USA / Canada Support
Russ Frazier

GVM
Marketing
Bernd Kretschmer

Dr. Thomas Heß
Head of Programmes Rolls-Royce / Head of Export Control

Markus Meier
Head of Programmes

Export control

Internal Sales:
Tatiana Derke
Andrea Reinhardt
Michaela Welz
Sabine Schröder
### COMPANY OVERVIEW

#### Key facts of ATP’s legal entities

<table>
<thead>
<tr>
<th>Legal Entity</th>
<th>Aerotech Peissenberg</th>
<th>Aerotech Klatovy</th>
<th>ATC Space Klatovy</th>
<th>AT Engine Mexico</th>
<th>Aerotech Group total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area total</td>
<td>28.500 m²</td>
<td>4.800 m²</td>
<td>32.000 m²</td>
<td>100.000 m²</td>
<td>165.300 m²</td>
</tr>
<tr>
<td>Production space</td>
<td>15.500 m²</td>
<td>2.900 m²</td>
<td>3.400 m²</td>
<td>30.000 m²</td>
<td>51.800 m²</td>
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<tr>
<td>Roofed space</td>
<td>18.500 m²</td>
<td>3.300 m²</td>
<td>4.200 m²</td>
<td>34.000 m²</td>
<td>60.000 m²</td>
</tr>
<tr>
<td>Employees</td>
<td>470</td>
<td>140</td>
<td>26</td>
<td>430</td>
<td>636 (1.066)</td>
</tr>
<tr>
<td>Installed machine capacity</td>
<td>350.000h</td>
<td>150.000h</td>
<td>25.000h</td>
<td>400.000h</td>
<td>525.000h (925.000h)</td>
</tr>
</tbody>
</table>
| Key processes      | • Sales & Administration  
• Engineering  
• Purchasing  
• Manufacturing  
• Special Processes  
• CMM  
| Machining  
• CMM  
| • 5-axis Milling  
• Riveting Method  
• Engineering  
• Purchasing  
| • Manufacturing  
• Purchasing  
• Special Processes  
• CMM  

MANUFACTURING OF COMPONENTS FOR ALL SECTIONS OF AIRCRAFT ENGINES

- **Turbine Disk**: Inconel 718, Diameter up to 800 mm
- **Turbine Case**: Jethete, Diameter up to 1200 mm
- **Seal Ring**: Waspaloy, Diameter up to 1200 mm
- **Turbine Discs, Seal Rings, Casings**
- **Compressor Discs, Seal Rings, Casings**
- **Stub-Disk**: Titanium, Diameter 600 mm
- **High Pressure Compressor Blisk**: Titanium, Diameter 450 mm
- **Comp. Vane Locating Ring**: Inconel 718, Diameter 350 mm
- **Vane Ring**: Inconel 718, Diameter 700 mm
- **Compressor Spool**: Titanium, Diameter 800 mm
- **Spinner, Fan Discs, Shafts**
WE ARE USING STATE-OF-THE-ART MACHINERY IN A LEAN PRODUCTION
AEROTECH CLIENTS & CUSTOMERS
Certifications of Aerotech Peissenberg

- DIN EN ISO 9100:2018
- DIN EN ISO 14001:2015
- Conventional Machining as a Special Process
- Non Destructive Testing
- Chemical Processing
- Coatings
IN VOL V EM ENT IN AL M OST AL L NEW AER O EN GINE PR O GR A MS
CONTACT

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D-82380 Peißenberg
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Telefon: +49 (0) 8803 491 236
www.aerotechfinishing.com

Aerotech Czech s.r.o.
Dr. Sedláka 763
339 01 Klatovy
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Telefon: +420 376 339 910
Telefax: +420 376 339 919
www.aerotech-czech.cz

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Dr. Sedláka 763
339 01 Klatovy
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www.aerotech-czech.cz

AT Engine Mexico S.A.P.I. de C.V.
Blvd. Industrial Norte S/N
Parque Industrial Hermosillo Norte
C.P. 83118
Hermosillo, Sonora, Mexico

AT Aero Manufacturas S.A. de C.V.
Bldv. Solidaridad 335 Int 5
Paseo Del Sol
C.P. 83246
Hermosillo, Sonora, Mexico