



DESIGN / MANUFACTURING

Presentation

Corporate Presentation

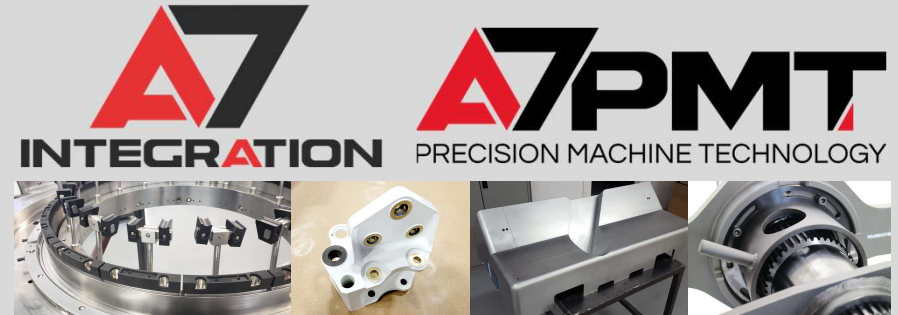
April 2022



Our group

- Founded in 2014
- 3 companies ; 150 employees
- AS9100, ISO 9001, CGP approved (ITAR)
- Active in multiple high tech industries
- Turnkey solution for your most complex production and engineering challenges
- Dedicated to quality & service

MANUFACTURING & INTEGRATION



ENGINEERING & TOOL DESIGN



Our site in Canada:

- 50 000 sq. ft.
- Located in CANADA (Montreal area)
- Operations 24/7
- 23 CNC machining centers
 - 15 5-axis machines
- CMM inspection
 - 6 ZEISS Duramax machines
- CWB approved welding (AWS)
- 3D printers reinforced polymer
 - 2 systems



Our new site in Florida USA:

- 15 000 sq. ft.
- 25 experienced employees
- Located in USA (Miami)
- 9 CNC machining centers
- CMM inspection
- 4 wire EDM machines
- 2 sinkers
- Swiss turning capability



Our Capabilities:



AS9100
ISO 9001

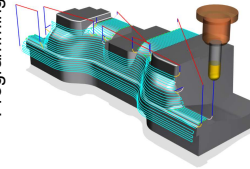


Controlled
Goods Program

Manufacturing Engineering:

- ✓ NX CNC programming
- ✓ Specialized cutting tool development
- ✓ Complex fixturing, tooling and ground safety equipment (GSE)
- ✓ Innovative manufacturing process development and manufacturing support

NX CNC
Programming



Hydraulic Machining
Jig for Automotive



Complex Precision Machining

- ✓ 5 axis, 4 axis, 3 axis, CNC lathe
- ✓ Exotic materials
- ✓ Prototyping and production capable

5 Axis Machining



Propeller Turbine



Assembly

- ✓ Assembly / Mechanical sub-assembly (bushing, bearings, etc.)
- ✓ Riveted and welded assemblies (TIG & MIG)

Aircraft Engine
Transportation Container



Marking & Surface Treatment

- ✓ Engraving and micropercussion engraving
- ✓ Laser, ink-jet marking
- ✓ O.V. painting, anodization, coating & special treatment
- ✓ In-house robotic polishing and surface polish tumbling

Aircraft parts:

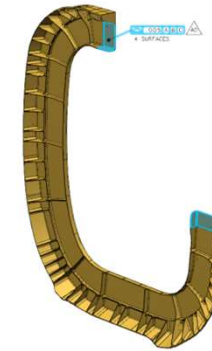
Near 5 000 parts delivered, prototypes and production since 2019



Hardware type:
Pedal Assy



Hardware type:
Live stop mount



Hardware type:
Structural part



Hardware type:
Structural part



Hardware type:
Dashboard



Hardware type:
Prototype part

TOOLINGS:

Near 200 toolings delivered since 2016



CONFIDENTIAL

Blades, Vanes and LPTs:

Near 50 000 parts delivered, prototypes and production



Hardware type:
Blades and vanes

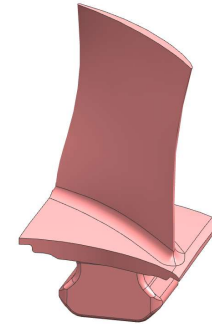
LM9000

Quantity shipped:
More than 10 000



LEAP

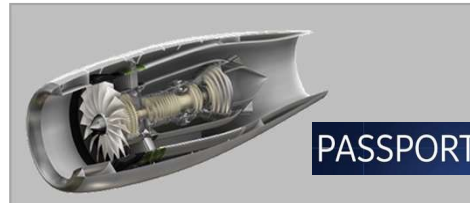
Hardware type:
Blades and vanes
Quantity shipped:
More than 6 000



GE9X

Hardware type:
Blades and vanes

Quantity shipped:
More than 22 000



PASSPORT

Hardware type:
Blades and vanes
Quantity shipped:
More than 9 000



Nextgen

Hardware type:
Blades and vanes
Quantity shipped:
More than 1 000



GE Catalyst
Advanced turboprop engine

Hardware type:
Blades and vanes
VSV actuation ring

Quantity shipped:
More than 500



T901

Hardware type:
LPTs

Quantity shipped:
More than 300

PROJECTS: Recent realizations



Actuation ring ass'y



GSE torque tool



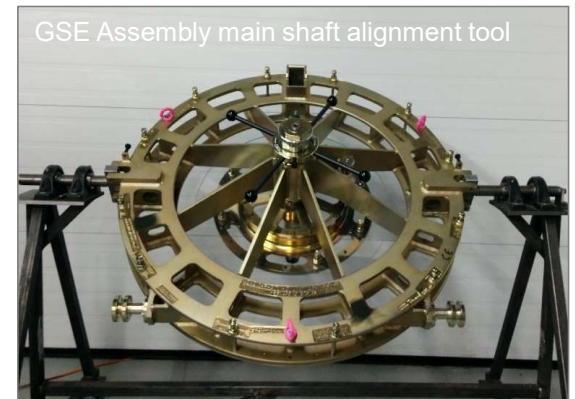
Ventilation blades - Mining



GSE lifting tool



Automated Handling tool for turbine assembly



GSE Assembly main shaft alignment tool

Business Culture

- Strong business culture oriented towards:
 - Quality
 - Health and safety
 - Collaboration and continuous improvement
 - Transparency
- Common values shared with:
 - Customers
 - Suppliers
 - Employees at all levels



A7 INTEGRATION | PARTNER OF CHOICE

Contact Us

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