



**Innovative  
Machining  
at its best**



## **ACE MULTI AXES SYSTEMS LTD**

An Ace Micromatic Group Company

Ace Multi Axes Systems Ltd (AMASL) is an innovative company manufacturing critical precision components in small, medium and large size to exacting quality standards. We are defined by quality - quality machines, quality tooling, quality information systems and crucially, quality personnel.



## KEY MANUFACTURING FACILITIES:

Keeping in mind the machining services, we have handpicked our machines from world leaders in machine tools. Some of the names are legends among machine tools. Each synonymous with quality, precision and performance. While these machines offer the ultimate in machining excellence, we have ensured that our people are fully trained on these machines to achieve optimum performance.

- Five Face Double Column Machining Centers
- Vertical Machining Centers
- Horizontal Machining Centers
- 5 Axis Turn Mill Centers
- VTL's



## Excellence in Machining & Contract Manufacturing

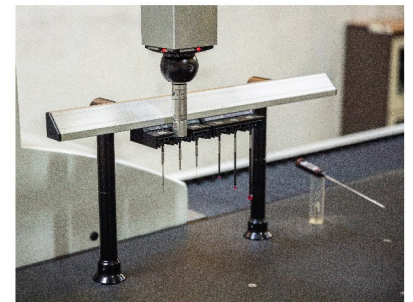




## KEY INSPECTION FACILITIES:

Our exclusive probing system offers both continuous scanning and touch trigger operation supporting stylus lengths up to 500 mm and also offers different stylus configuration working at 2.5° increments of indexing giving us 12,240 position which provides excellent reach and access to part features. Our flexibility is further enhanced with 6 + 3 station stylus changer rack system which enables to interchange stylus and extensions within the part programme without any human intervention. Even though working temperature is maintained within 20° ±1° the machine is equipped with automatic thermal compensation which is very useful when measuring parts with high thermal expansion like aluminium. We can ensure optimum throughput using offline programming with CAD models which enable us to programme your components while it is still being manufactured. All together we can ensure you with complete measurement solution at one stop.

- **3 CMM's including a large Gantry Type CMM**
- **Make:**
  - Gantry Type CMM- DEA Alpha 2.0 by Hexagon Metrology
  - Brown & Sharpe
  - Carl Zeiss
- **Full range of gauges and measuring instruments**



**50+ WORLD CLASS MACHINES**

**200+ STRONG WORKFORCE**

**5 PLANTS**

**10+ YEARS IN AEROSPACE MACHINING**

**25+ GLOBAL CUSTOMERS**

**MACHINED PARTS SUPPLIER SINCE 1996**

**DEDICATED PLANT FOR ASSEMBLY**

**STRONG MANAGERIAL & OPERATIONS TEAM**

**INSPECTION FACILITIES**

**ALUMINIUM FOUNDRY**

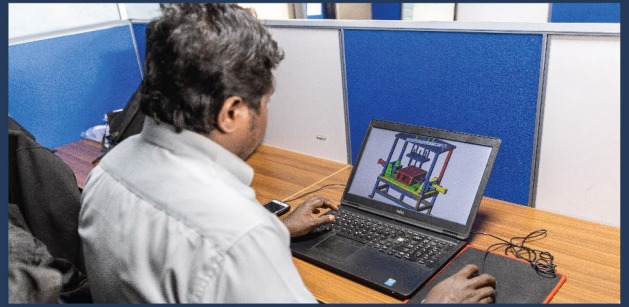
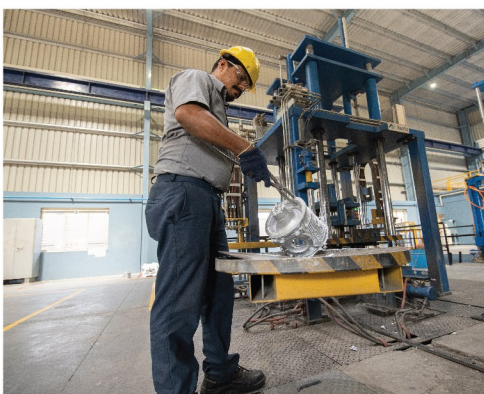
**AS 9100 REV D & ISO 9001:2015 CERTIFIED**

**EXPORTS TO GLOBAL MARKETS**



## ALUMINIUM FOUNDRY:

AMASL's state of the art foundry was established in 2013 with a vision to produce high quality cost effective Aluminium castings while ensuring a sustainable environment. Our plant is equipped with state-of-the-art equipment.



### Type of Castings:

Low pressure die castings  
Gravity die castings  
Sand castings

### Weight of castings:

From 1 kg to 300kgs

### Material:

LM 25  
A 356  
Ac4c  
AlSi7Mg  
LM9  
AS10G  
& many more grades of Aluminium



## INDUSTRY VERTICALS:



### Aerospace

Precision machined components & assemblies

Parts for satellite launching vehicles, helicopters, fixtures & tooling & parts for surveillance systems



### Healthcare

Castings, machining and assembly to different healthcare modalities - X Ray, CT, PET, Generators etc.

We supply to all the major global healthcare equipment manufacturers



### Machine Tools

Large size machined components and assemblies

Bed, column, base, saddle, top table, slide and headstock machining



### Locomotive

Machined components for braking systems

Fabrication and machining of structural components and frames



### Packaging

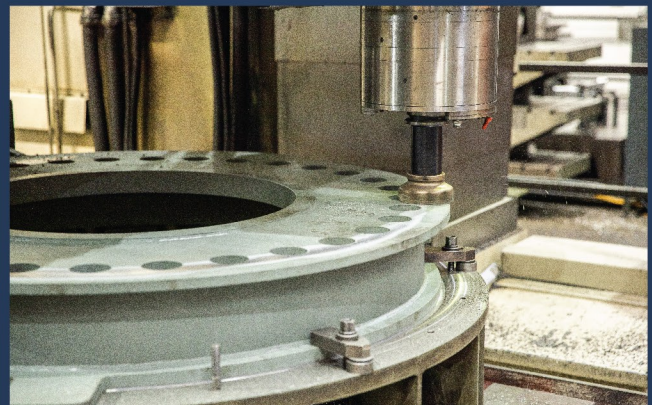
Fabrication and machining for high speed packaging machines

Machined components and assemblies for strapping machines



### General Engineering

Machined components for Energy, power generation, automation and other allied industries







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