



**MISTEQUAY
INTERNATIONAL**

**YOUR RELIABLE
MACHINING PARTNER**



ISO 9001:2015 CERTIFIED



OUR COMPANY

Mistequay International is a precision machining company with a world-class capability based in Pakistan. The ability of our team to deliver quality parts, on time, every time, at an exceptional value, has enabled us to steadily grow our business since inception in 2005. After demonstrating sustained successes in North America, we look towards the EU markets for diversification and expansion.

"TEAM OF 60 TECHNOLOGISTS | 2500 SQ-M FACILITY"

"1500+ UNIQUE PART NUMBER PORTFOLIO"

CAPABILITY

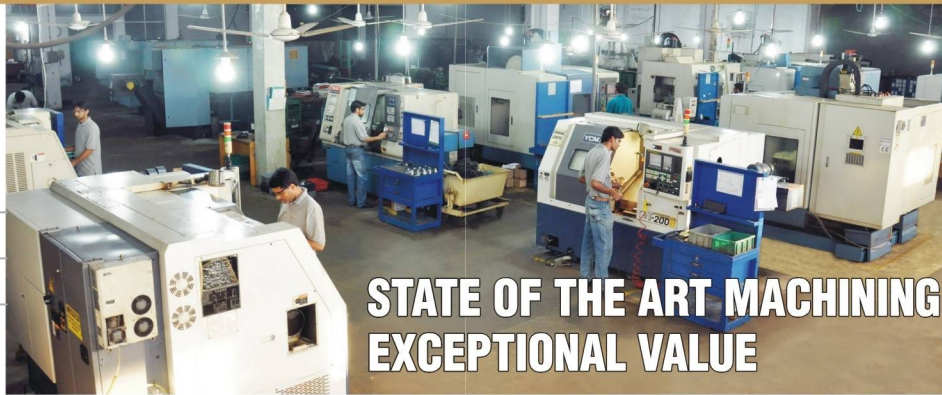
We are a contract machining company covering a range of capabilities in high precision machining and programming. We specialize in quick turnarounds of small to medium production lots of highly processed parts using conventional and exotic materials, forgings, castings, stampings and expertise such as specialized heat treats and surface treatments. Following are the highlights of our machining capability.

"STATE OF THE ART ERP SYSTEM"

- 5 Axis CNC Machining - Accuracy 10 Microns
- CNC Turning - Accuracy 8 Microns
- Broaching & Splining.
- EDM
- Cylindrical Grinding - Accuracy 6 Micron
- Internal Diameter Grinding - Accuracy 6 Micron
- Surface Grinding - Accuracy 6 Micron
- Honing, Lapping & Polishing - Accuracy 5 Micron



TEAMING UP TO DELIVER EXCELLENCE



**STATE OF THE ART MACHINING
EXCEPTIONAL VALUE**

"4 & 5 AXIS MACHINING CAPABILITY"

"CNC TURN/MILL WITH LIVE TOOLING CAPABILITY"

"HARD MACHINING WITH TOP NOTCH PRECISION"

"CYLINDRICAL, INSIDE DIAMETER & SURFACE GRINDING UP TO 6 MICRONS ACCURACY"

"CAD CAM DESIGNING & PROGRAMMING"

MATERIALS

Pakistan has a world-class alloy steel mill manufacturing a wide range of alloy and tool steels certified to international standards. For exotic materials, we utilize our purchasing network in the US and EU to import certified and aerospace grade materials where NADCAP certified heat treat facilities could be availed for the heat treatment of raw stock. We routinely machine materials of the following categories.

- Alloy & Stainless Steels
- Pre-heat Treated Alloy Steels
- High Speed & Other Tool Steels
- Bronze, Brass & Copper Alloys
- Nickel Alloys
- Titanium Alloys
- Aluminum Alloys
- Graphite
- Teflon & Plastics

LIST OF EQUIPMENT

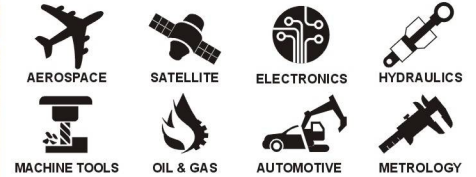
TURNING		
NO.	MANUFACTURER	MODEL
2	SCHAUBLIN	42L TM-6 TURN MILL CENTER
2	MAZAK	QT-250 2-AXIS CNC
1	MAZAK	QT-25-C 2-AXIS CNC
1	MORI SEIKI	SL-3H 2-AXIS CNC
2	YCM	GT-200B 2-AXIS CNC
1	DOOSAN	LYNX 220 2-AXIS CNC
1	CLAUSING COLCHESTER	15" LATHE
1	COLCHESTER	12" STUDENT LATHE
2	HARDINGE	TABLE-TOP LATHE

MILLING		
NO.	MANUFACTURER	MODEL
1	YCM	NSV102AM 5-AXIS CNC X=1020, Y=600, Z=600
1	DOOSAN	MYNX 410 4-AXIS CNC X=750, Y=400, Z=500
4	DAHLI	MVC 720 5-AXIS CNC X=700, Y=450, Z=500
2	KITAMURA	MYCENTER 1 3-AXIS CNC X=500, Y=360, Z=400
1	SCHAFFNER	F170H 4-AXIS CNC X=350, Y=300, Z=400

GRINDING & FINISHING	NO.	MANUFACTURER	DESCRIPTION
	3	HEALD	ID GRINDER
	2	CINCINNATI	CENTERLESS GRINDER
	2	CINCINNATI	OD GRINDER
	2	CINCINNATI	SURFACE GRINDER
	1	SUNNEN	HORIZONTAL HONE
	1	OILGEAR	HORIZONTAL PULL BROACH
	1	LAPMASTER	LAPPING MACHINE
	1	EXTRUDE HONE	ABRASIVE FINISHING MACHINE
	1	SPINNER	MAGNETIC DEBURRING MACHINE
		SURFACE TREATMENT	BLACK OXIDE, PHOSPHATING, ANODIZING, CHROME PLATING, POWDER COATED PAINTS

INDUSTRIES SERVED

Our company manufactures precision components for a wide spectrum of industrial applications, ranging from prototypes to small and medium production volumes. Following are some of our major client industries.



"AEROSPACE QUALITY COMPONENTS ON TIME EVERY TIME"

QUALITY & PROCESS CONTROL

At Mistequay International, quality is built upon the foundation of process excellence. Our process engineering team works together with production to devise the right processes, programs and tooling selection. The calibration of each machine is ensured for optimal accuracy and repeatability. The shop temperatures and other machining conditions are carefully controlled and control charts are maintained on all critical dimensions to check the machining variations. QA staff and machine operators work as a team to meticulously carry out first part qualifications, in-process quality checks and a comprehensive final inspection regimen to ensure zero defects. QA data is systematically recorded, archived and made traceable.

"STATISTICAL PROCESS CONTROL - GUARANTEED QUALITY"

"PRECISION BORE GAGING WITH 1 MICRON RESOLUTION"

"AEROSPACE STANDARD THREAD & SPLINE GAGING"

"PROFILE PROJECTORS WITH 70X MAGNIFICATION"

"IN-HOUSE INSTRUMENT CALIBRATION REGIMEN"

"AEROSPACE STANDARD DEBURRING & COSMETICS INSPECTED UNDER 50X MICROSCOPES"



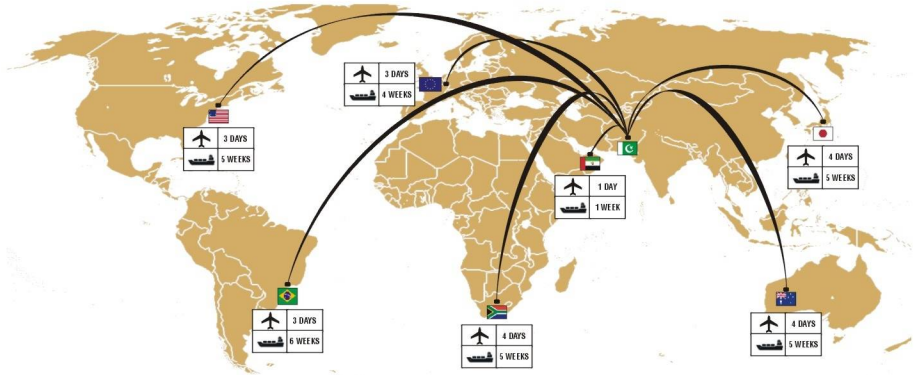
"CMM WITH 100X SMART VISION"



WORLD CLASS METROLOGY FACILITY

METROLOGY	NO.	MANUFACTURER	DESCRIPTION
	1	BROWN & SHARPE	CMM (MICROVAL 454)
	1	CHIEN WEI	CMM (CWB 554 AV)
	2	SUNNEN	PRECISION BORE & AIR GAGES
	2	MITUTOYO	PROFILE PROJECTORS
	1	STARRETT	OPTICAL COMPARATOR (HB 400)
	1	SHEFFIELD	OPTICAL COMPARATOR
	4	MITUTOYO	PRECISION HEIGHT GAGE
	1	MITUTOYO	SURFACE TESTER
	-	MITUTOYO	MASTER GAGE BLOCK SETS
-	DELTRONIC	PRECISION GAGE PIN SETS	
-	VERMONT	AEROSPACE GRADE THREAD GAGES	

LOGISTICS PARTNERS



AEROSPACE COMPONENTS

WORLD CLASS QUALITY ON TIME EVERY TIME



AVIATION ELECTRONICS EQUIPMENT COMPONENTS



AUTOMOTIVE COMPONENTS



MACHINE TOOL COMPONENTS



PRECISION HYDRAULICS COMPONENTS



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