

# Introduction of VCU



**Capital: USD6 Million**

**Ground Area: 20,000m<sup>2</sup>**

**Factory Area: 20,000m<sup>2</sup>**

**Established Date: Jan. 2020**

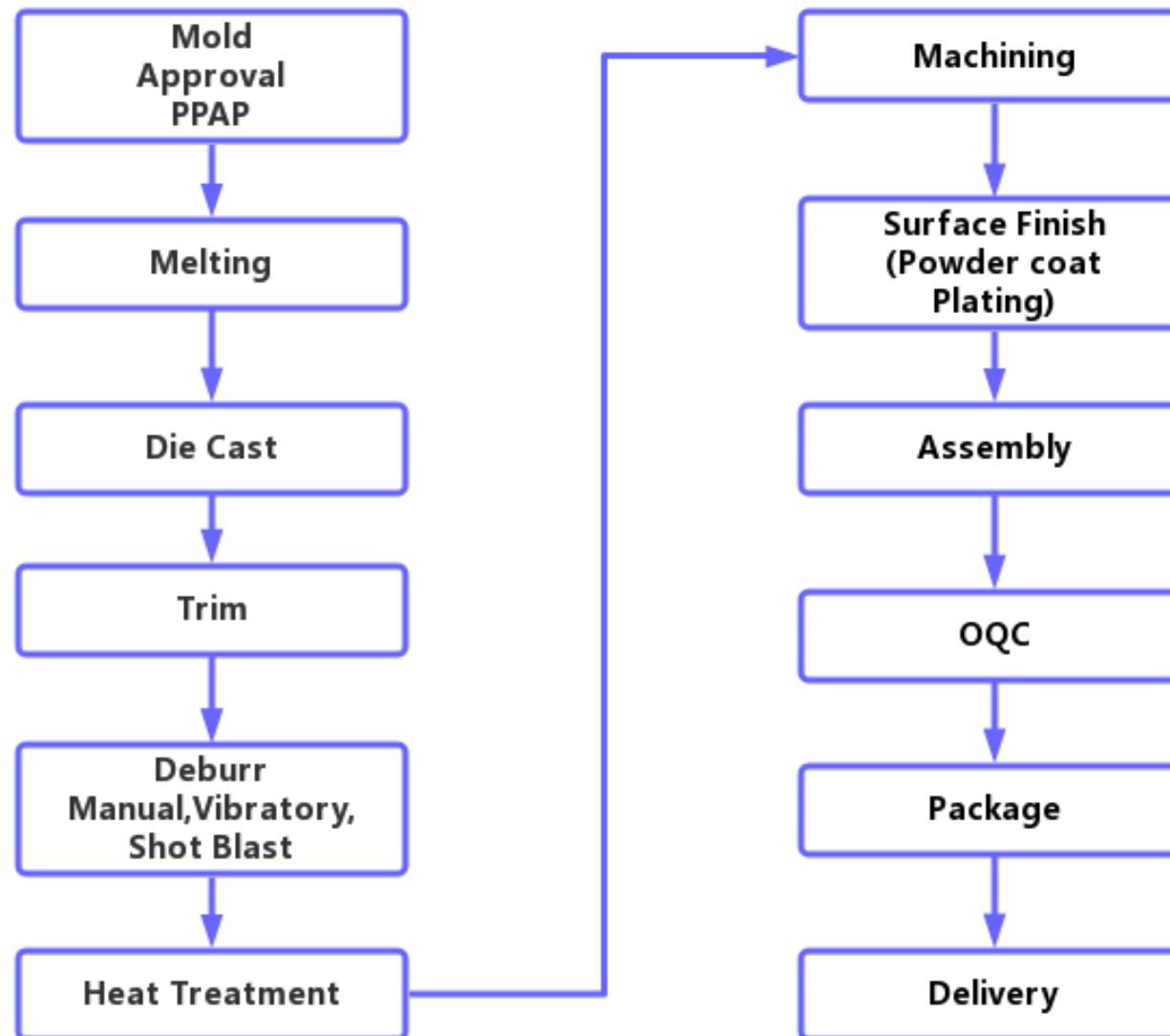
**Investment: USD20 million wholly foreign-owned**

**Employee: 120 persons**

**Main Business: Aluminium & Zinc Die Casting Parts (from mold design & manufacture, cast, machining to finished parts)**

# Production Flow Chart

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# Die Casting Equipment List

NO	EQUIPMENT		UNIT
1	ZINC DCM	50T 1SET(LK) 88T 1SET(LK)	2 SETS
2	ALUMINUM DCM	125T 1SET / 200T 1SETS (TOYO)	16 SETS
		200T 1SET / 400T 4SETS (LK)	
		350T 2SETS (UBE/TOSHIBA)	
		530T / 660T EACH 1SET / 840T 2SETS (BUHLER)	
		1000T 2SETS (LK)	
		1300T 1SET (UBE)	
3	VACUUM MACHINE		2 SETS
4	MOLD TEMPERATURE MACHINE		1 SET
5	SHOT BLAST MACHINE		2 SETS
6	BELT GRINDING MACHINE		1 SET
7	VIBRATORY MACHINE		2 SETS
8	SAWING MACHINE		10 SETS

# Die Casting Shop





# Surface Finish Equipment

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**Shot Blast Machine**



**Vibratory Finishing Machine**

# Deburr & Grind

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# Polishing

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# Mold Maintenance Equipment List

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No	Equipment	Unit
1	Milling Machine	1 set
2	Lathe Machine	4 sets
3	EDM	2 sets
4	Wire Cutting Machine	1 set
5	Drilling Machine	1 set
6	Grinding Machine	2 sets



# Mold shop



# Machining Equipment List

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No	Equipment	Unit
1	CNC Horizontal & Vertical Machine Center	4 +10sets
2	CNC Tapping Center	57 sets
3	CNC Lathe	5 sets
4	Broaching Machine	1 set
5	Multiaxial Drilling Machine	4 sets
6	Impregnation Machine	1 set
7	Passivation Line	1 set



# Machining Equipment

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# Impregnation machine

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# Inspection Equipment List

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No	Equipment	Unit
1	Coordinate Measuring Machine (Hexagon 071007)	2 sets
2	CNC CMM Accretech XYZAX AXXEL 9/10/6	1 set
3	CNC Contour Profile Measuring Machine Accretech Surfcom NEX031 SD2-23 ACCTee	1 set
4	Spectrometer (SPECTROMAXx)	1 set
5	Roughness Tester	1 set
6	X-Ray Machine	1 set
7	Tool Setting Gauge	1 set
8	Air Gauge	2 sets
9	Water Pressure Leak Tester	3 sets
10	Air Pressure Leak Tester	3 sets

# Inspection Equipments



**CMM**



# Dryer Machine&Leakage Tester

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# Inspection Equipments

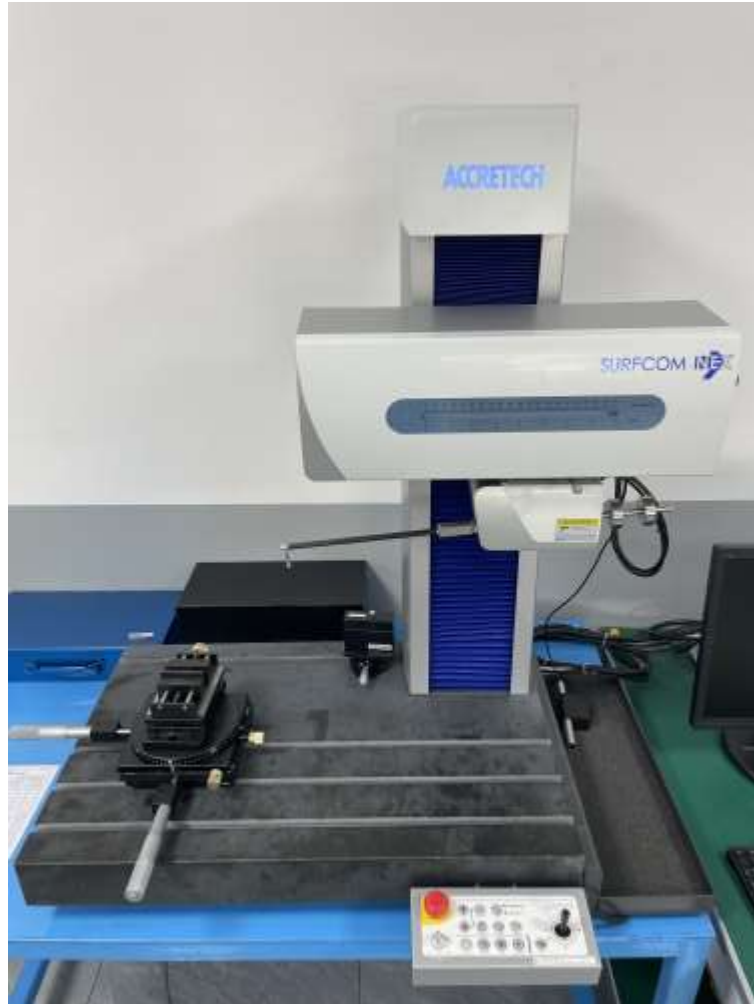
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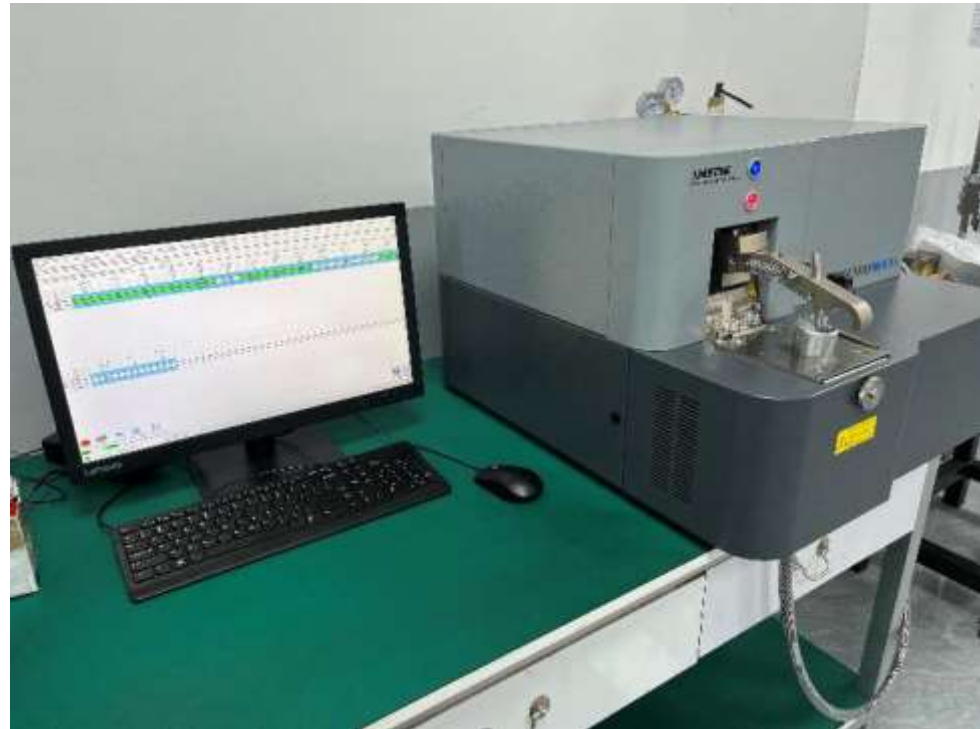
**X-Ray Machine**

# Inspection Equipments

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**Contour Profile Measuring Machine**



**Spectrometer**



# Inspection Equipments

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**Height Gauge**



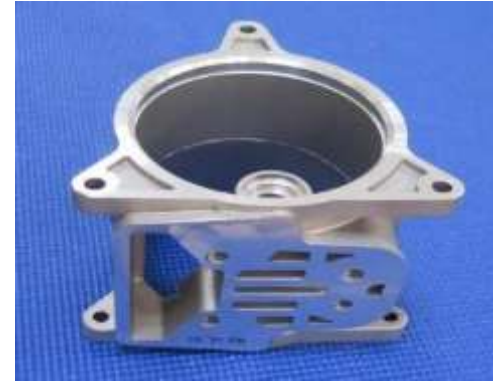
**Go & No go Gauge  
Plug Gauge  
Thread Gauge**



**Air Gauge**

# Parts

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# Parts

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# Parts

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**Zinc alloy  
chromium plating**