



# YOU **IMAGINE WE MAKE IT!**

Manufacturers of All Types Medium & Heavy Aluminum Pattern For Engineering Industries

#### **About Us**

We are glad to introduce ourselves as an aluminum pattern making industry, who make patterns for engineering industries in a fast growing Lodhika G.I.D.C. Rajkot (Gujarat), Constant adaptation towards market trends and demands, taking along traditions has lead to our progress from our inception.

We are currently using computerized CAD/CAM workflow for designing of pattern and machining of parts on CNC controlled tools.



AD ODELLING



DELLIVERY AND CHECKING



## Why Choose Us?

- 3200 Sq. Feet Constructed Shed For Production Of Aluminum Patterns In A 10764 sq. feet Plot
- Advanced Instruments For Inspection Of Patterns with Efficient And Skilled Young Team For Production
- Advanced Machineries which include VMC Machine, Router Machine, Lathe Machine, Drill Machine & Wood Working Machineries
- License Version Software Siemens Nx Cad/cam With Advance Surfacing





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We specialize in all kind of small to medium and heavy Aluminium patterns. Aluminium patterns have a longer life compare to wooden patterns and has the advantage that the casting weight can be controlled and also have a better casting finishing.

### LARGEST ALUMINIUM PATTERN MFG. SIZES

3050MM X 1525MM X 150MM ( Surface Plate ) 2000MM X 780MM X 600MM ( Gear Box ) 1800MM X 1350MM X 600MM ( Pump Casing ) 2500MM X 1500MM X 1000MM ( Power Press Slide )

3800MM X 2350MM X 700MM ( Power Press 31)



### **WE MAKE PATTERNS OF:**

- Cnc, vmc, grinding machine parts (machine tools)
- Crankshaft
- ✓ Valve & heavy pump casing
- Gearbox housing (casing)

- ✓ Locomotives
- ✓ Power press parts
- ✓ Motor bodies
- Surface plate

Along with the above we make patterns as per the customer's requirement and specifications.

We always fulfill our commitments on scheduled as all our activities from layout to final inspection are done under single roof. We also visit the customers and arrange projects.

### **OTHER SERVICES**

- ✓ Complete Machining Solution for Casting / Aluminium
  - ✓ Product Casting Development

THE BEST PATTERNS ARE A RESULT OF THE COOPERATION OF ALL DEPARTMENTS INVOLVED, WHICH MEANS
ENGINEERING, PRODUCTION, INSPECTION, & PATTERN SHOP.

# PROCESS FLOW OF PATTERN MANUFACTURING

Designing
Pattern and
Core\_Box

STEP 2

Master Pattern / Aluminium Casting STEP 3

m/c on VMC Machine STEP 4

Finishing / Assembly of Pattern and Core\_Box STEP 5

Match Plate Mounting (if required) STEP 6

Dispatch









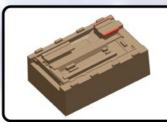


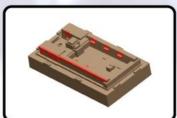






















**GEAR BOX HOUSING:** 

























#### **HEAVY PUMPS:**













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