

# PERIYASAMY INDUSTRIES



Delivering the deliverables right time at the highest quality,  
exceeds customer's expectation

# PERIYASAMY INDUSTRIES



## ABOUT

- Establishment - 2017
- Certified - ISO9001 CERTIFIED
- Location - Neelambur, Coimbatore,  
Tamil Nadu, India
- Employees as on April 2018 - 60
- Maximum machining Capacity - 15 Ton
- No. of Machineries till April 2018 - 20
- Power Consumption - 200kva





## INFRASTRUCTURE

- Area - 35000 sq. ft
- Machineries - 5 axis Milling, Turning, Horizontal Boring Centre,  
Vertical Milling Centre, Universal Milling, Radial Drilling
- Capacity - 15 Ton (Max) Weight, 3.5 m in diameter and 3.0 m in height
- Uninterrupted power supply - 200 Kva
- Instruments - Portable CMM, High Precision Measuring Instruments and Gauges
- Lifting - Over Head Crane 10T, Over Head Crane 20T, Mobile Crane

**PERIYASAMY INDUSTRIES**



# CNC MACHINERIES

## DECKEL MAHO DMF 360L

## 5 AXIS MACHINING CENTRE (2 machines)

- Controller : Heidenhein TNC 530
- Accuracy : 20 micron for 3.6mtr
- Table Size : 4.2 m x 1.2 m
- X Travel : 3.6 m
- Y Travel : 1 m
- Z Travel : 1.1 m
- B Axis : 0.001°
- A Axis : 0.001°
- Tool Type : HSK 100
- Axis : 5 (simultaneously)
- Load Capacity : 4.2 Ton
- Magazine Capacity : 120 Stations



## DMG DMU 80P HYDIN

## UNIVERSAL 5 AXIS MACHINING CENTRE

- Controller : HeidenheinTNC 426
- Accuracy : 15 micron
- X axis travel : 0.8 m
- Y axis travel : 0.7 m
- Z Axis travel : 0.6 m
- B Axis : Rotary Table
- A Axis : 180°
- Load Capacity : 0.7 Ton
- Tool Type : SK 40
- Magazine Capacity : 60 Stations



## YOUJI 2500- ATC+C-II-APC

## CNC VERTICAL TURNING MILL

- Controller : Fanuc18i
- Chuck  $\varnothing$  : 2.5 m
- Swing  $\varnothing$  (X axis) : 3.0 m
- RAM Travel (Z Axis) : 1.6 m
- Max.Workpieceheight: 2 m
- C Axis : 0.001°
- Turning Height : 2.0 m
- Load Capacity : 15 Ton
- Tool Type : BT 50
- Magazine Capacity : 16 Stations
- Pallet Type : Twin



## HEYCO

## CNC VERTICAL TURNING (DOUBLE COLUMN)

- Controller : Fagor
- Chuck  $\emptyset$  : 2.0 m
- Swing  $\emptyset$  max : 2.2 m
- Turning Height : 1.7 m
- Z Axis travel : 1.1 m
- Turret : 4 Tools
- Load Capacity : 10 Ton
- Special Features : Bore Grinding





## CNC VERTICAL TURNING LATHE

### HONOR V-10D

- Controller : Fanuc 18i-TB
- Chuck Ø : 1.0 m
- Swing Ø max : 1.2 m
- Turning Height : 0.75m
- Load Capacity : 1 Ton
- Magazine Capacity : 12 Stations



## MARIO CARNAGHI

## CNC VERTICAL TURNING MILL

- Controller : Siemens 840D
- Chuck Ø : 1.0 m
- Swing Ø max : 1.0 m
- Turning Height : 1.0 m
- 'C' Axis : 0.001 °
- Load Capacity : 1 Ton
- Pallet : Twin
- Tool Type : BT 50
- No. of Magazine : 2



## DOOSAN PUMA 600LM

## HORIZONTAL TURNMILL CENTRE(2 MACHINES)

- Controller : Fanuc 32i
- Chuck  $\emptyset$  : 0.6 m
- Turning  $\emptyset$  : 0.8 m
- Swing  $\emptyset$  : 0.85 m
- 'C' Axis : 0.001 °
- Turning Length : 3.5 m
- Tool Type : H 80
- Magazine Capacity : 12 Stations



## UNION KCX 150 CNC

## UNION HORIZONTAL MACHINING

- Controller : Siemens 840 D
- Accuracy : 30 micron
- Pallet Size : 2.0 m x 2.0 m  
1.25 m x 1.60 m
- X axis travel : 3.2 m
- Y axis travel : 3.0 m
- Z Axis travel : 1.50 m
- W Axis : 0.75 m
- Load Capacity : 12.5 Ton
- Tool Type : SK 50
- Magazine Capacity : 80 Stations
- Pallet : Twin



## GIDDINGS & LEWIS

- Controller : Siemens 840 D
- Pallet Size : 1.25m x 1.25m
- X axis travel : 2.5 m
- Y axis travel : 2.0 m
- Z Axis travel : 1.0 m
- W Axis : 1.5 m
- Load Capacity : 15 Ton
- Tool Type : SK 50
- Magazine Capacity : 90 Stations
- Pallet Type : Twin

(Under commissioning)

## CNC HORIZONTAL MACHINING CENTRE



## DOOSAN HM1000

## HORIZONTAL MACHINING CENTRE

- Controller : Fanuc 31i
- Accuracy : 15 micron
- Pallet Size : 1.0 m x 1.0 m
- X Travel : 2.1 m
- Y Travel : 1.25 m
- Z Travel : 1.25 m
- B Axis : 0.001 ° Rotary
- Tool Type : BT50
- Load Capacity : 3 Ton
- Magazine Capacity : 120 tools



## MAKINO A88E

## HORIZONTAL MACHINING CENTRE

- Controller : Fanuc 31i
- Accuracy : 15 micron
- Pallet Size : 0.63 m x 0.63 m
- X Travel : 0.9 m
- Y Travel : 0.8 m
- Z Travel : 0.97 m
- B axis : 0.001° rotary
- Axis : 4
- Tool type : HSK100
- Load Capacity : 1.2 Ton
- Magazine Capacity : 120 tools



## KOLB KBNG 130

- Controller : Siemens 840 D
- Accuracy : 30 micron
- Table Size : 3.5 m x 2.0 m
- X axis travel : 4.5 m
- Y axis travel : 2.8 m
- Z Axis travel : 0.8 m
- Total Column Height: 1.7 m
- Load Capacity : 12 Ton
- Tool Type : SK 50
- Magazine Capacity : 60 Stations
- Pallet Type : Twin

## CNC VERTICAL MACHINING CENTRE







## CONVENTIONAL MACHINERIES





## MEASURING INSTRUMENTS

# Mitutoyo

## GAUGES



## SURFACE ROUGHNESS TESTER



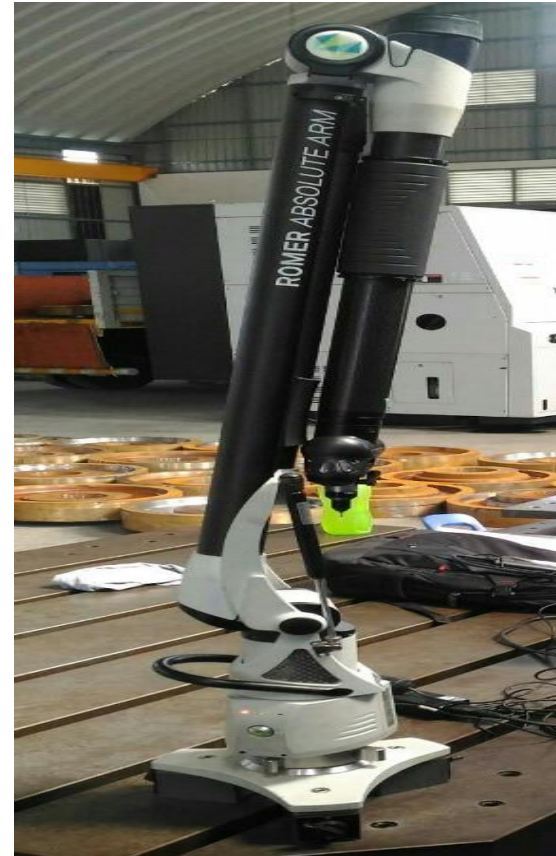
## PORTABLE CMM



## ROAMER ARM RA7530

- Axis : 6 axis
- Volumetric accuracy (C) :  $\pm 0.044\text{mm}$
- Point repeatability :  $0.030\text{mm}$
- Measuring Height : 3.0 m
- Software : PC.DMIS

## Portable CMM



# PERIYASAMY INDUSTRIES



## VALUABLE CUSTOMERS



LARSEN & TOUBRO



MIRA ALLOY STEELS



# PERIYASAMY INDUSTRIES



## BUSINESS DRIVER'S PROFILE

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# PERIYASAMY INDUSTRIES

THANKS FOR THE INTEREST