



HIGH SKILL CNC

TRAINING : CNC PROGRAMMING | INDUSTRIAL ROBOTICS & AUTOMATIONS | MASTERCAM | TPM | MAINTENANCE

SERVICE : CNC LATHE | VMC | HMC | GRINDING | SPM | EDM | CONVENTIONAL M/C | INDUSTRIAL ROBOTICS & AUTOMATIONS

ADVANTAGE OF HIGH SKILL CNC

Quick Service :

Strategically located in Chennai we have advantage of delivering the goods and services in shortest possible time frame for our customers.

Parts Inventory :

We have stocked P3/P4 class precision bearings for most of the leading brands of machine tools, that in turn translates to rapid recovery and reduced down times.



Astute service Team :

Our skilled technical support engineers are available on 24*7 to support CNC machine tools services requests with top priority.

Turnkey service :

Customers can avail on-demand service of disassembling and assembling of CNC machine tools. Should you have a requirement for CNC machine tools servicing and maintenance, talk to us today. You can email support@highskillcnc.com and our associates will be in touch with you at the earliest possible.



SERVICES

High skill CNC is a one of the leading CNC Service centre in Chennai and has a dedicated facility with focus on CNC machine tools maintenance and service. Serving has the heart of a machine tools, spindles are engineered to deliver high levels of speed, accuracy, precision, repeatability, and cutting performance. CNC machine Tools like, Spindle, Ball Screw, LM rail with Carriage, ATC & APC gearbox repairs and spares replacement need quicker turn around times to reduce the impact on productivity and profitability. With over 20 years of rich experience and a proven process, High skill CNC is well-poised to provide optimal solutions with top quality and prompt response times.

High skill CNC are refurbishes old outdated CNC Machines, Industrial Auto machines, Robotics, Conventional machines, SPM Machines to the latest possible version both mechanical and electronic components.



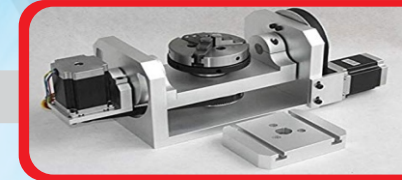
LM RAIL WITH CARRIAGE



BALL SCREWS



TURRET



VMC 4TH AXIS



SERVO MOTOR



AUTOMATIC TOOL CHANGER



HYDRAULIC & PNEUMATIC CYLINDERS



LUBRICATION TANK



HYDRAULIC POWER PACK

SPINDLES

High Skill CNC have offered better solutions by modifying the spindle design and proven the performance. High Skill CNC is able to service any type of spindles and electro spindles in exceptionally short times and is able to return the spindle to the customer with the same accuracy and quality same as OEMs.

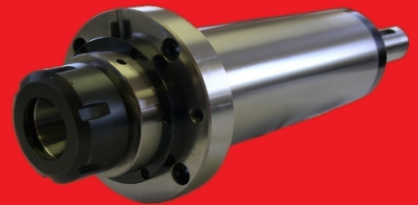


Make - Makino - VMC

Machine Model - S33

Spindle Taper - BT40

Spindle Speed - 2000RPM



Make Moriseiki

Machine Model - Duracenter

Spindle Taper - BT-40

Spindle Speed - 12000Rpm

Make- Okuma- Lathe

Machine Model - Crown L1420

Spindle Speed - 3000 RPM



Make-Mazak-E Tower

Machine Model - E500

Spindle Taper - BBT50

Spindle Speed - 5000Rpm

TRAINING

"HIGH SKILL CNC" also conducts advanced CNC machines and robotics training programs, to provide quality training in the area of CNC Lathe, CNC Milling, Master CAM, Maintenance, TPM, Robotics, etc. Globalization has ended up many Opportunities for people, by way of new technologies emerging at a fast pace with the fierce competition in the respective field. This has created avoidance in the Engineering field. "HIGH SKILL CNC" has understood the void and wants to evolve new methodologies to keep pace with the new technologies. In our drive for excellence in the engineering field, we have brought out World Class Training Programs to professionals and students.

TRAINING

We provide world class Training.

CNC MACHINE REPAIR

To provide optimal solutions with top quality.

PREVENTIVE ACTION

Preventive maintenance can save a lot of time and money.

PROGRAMMES

To Learn Programming Skills necessary for Fanuc controlled CNC milling

FACILITIES

We provide all kind of Training Laboratories Facility

PLACEMENTS

We guide and consult students on overseas placement



CNC TURNING

1. Fundamental of CNC
2. Programming procedure
3. Manual programming
4. Cycle Programming
5. Sub programming procedure



6. Cutting tool selection
7. Factors of cutting parameters
8. Work setting procedures
9. Machine operating procedure
10. Offset methods

CNC MILLING

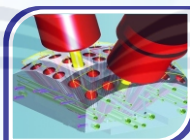
1. Fundamentals of VMC
2. Programming procedures
3. Manual programming
4. Canned Cycle Programming
5. Sub programming procedure



6. Methods of pocketing
7. Cutting tool selection factors
8. cutting parameters
9. Work Setting Procedures
10. Machine operating procedure

MASTER CAM

1. Introduction - CAD/CAM
2. Advantages of CAD/CAM
3. Introduction -2D Design
4. Introduction -2D Manufacturing
5. Cutting Tool Selection
6. Feed Speed Selection
7. NC Code Generation



8. Introduction -3D Design
9. Introduction -3D Manufacturing
10. Surface Machining
11. Solid Machining
12. Converter DCF,DWG,INGE'S PARASOL ID,SAT etc..
13. Designing and Machining Critical Shapes

TPM

1. Industrial hydraulics & pneumatics
2. Preventive & Predictive Maintenance
3. ISO-TS 16949 Awareness
4. Innovation and creativity
5. Decision Making & Problem Solving



6. Execution skills
7. Safety Health management System
8. Positive Discipline Classroom
9. Management for students

MAINTENANCE TRAINING

1. Machine Types Introduction - CNC /CONVENTIONAL
2. Machines Functions (Electrical/Mechanical)
3. Machine Drive and Motors Functions
4. Slides and Functions
5. Hydraulics and lubrication



6. Applications
7. Coolant motors
8. Machine Bed Types
9. Lead Screw and Ball Screw
10. PLC Functions
11. Trouble Shootings