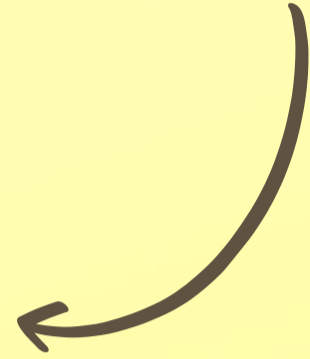VEMCO (R)

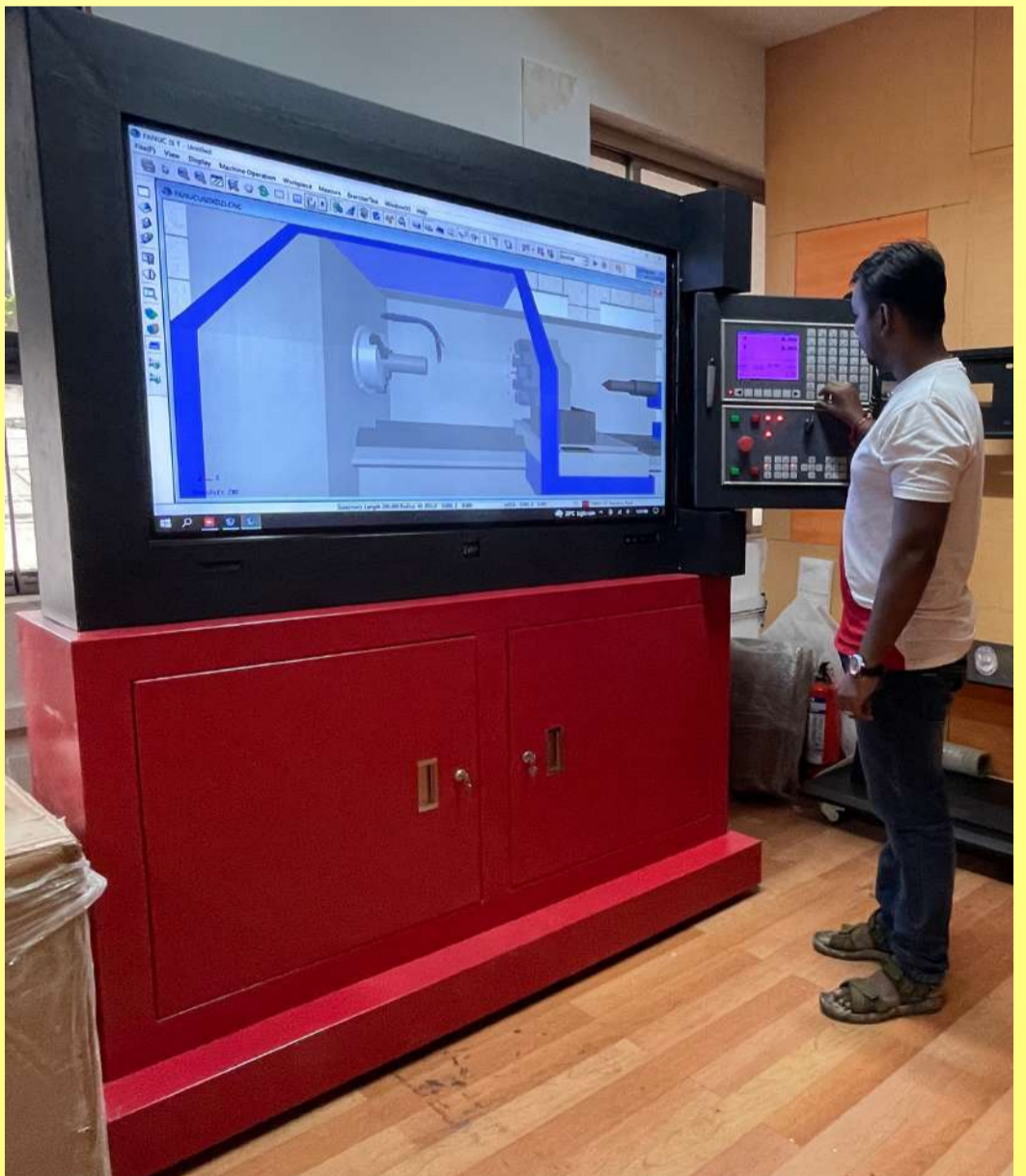CNC VIRTUAL MACHINE

that
Tens of Lakhs

or

This

Just few lakhs

Teacher Console:
* 65 inches LCD Touch Screen.
* Built in Data Processing Unit.
* 10 Point Touch.
Console unit with programming &
Machine control Keyboard.

100% similar to real life machine.
100% feel of functioning of machine
on a shop floor
Options of Fanuc Turn or Fanuc Mill or
Sinumerik Turn or Sinumerik Mill or
All of it in ONE single module

The most eligible CNC SIMULATOR EVER

We are registered with

MADE IN INDIA

GeM
Government
e Marketplace
Efficient · Transparent · Inclusive

एन एस आई सी
NSIC
ISO 9001 : 2015

ISO 9001 2015 CERTIFIED

Multi-Axis Machining VIRTUAL Simulation, is not just a simulator it is an integrated Interchangeable Hardware Software package that includes : Fanuc Turn or Fanuc Mill or Sinumerik Turn or Sinumerik Mill or All of it in ONE single module

MAIN FEATURES OF PRODUCTS: -

- SUPPORT FOR 2,2.5 AND 3 AXIS CNC MACHINES

- RENDEING USING OPENGL FOR FAST AND ACCURATE 3D MODELING

- REALTIME DYMANIC ROTATION, ZOOMING, PANNING AND SWITCH VIEWS

- G-CODE PARSER WITH CODE VALIDATON SUPPORTS G-CODES AND M-CODES

- G-CODE DEBUGGING TOOL

- CAPABILY TO SIMULATE CANNED CYCLES, MACROS AND THE INCLUSION OF PARAMETERS

- FANUC, SIEMENS POLAR COORDINATE PROGRAMMING, G02, G03 SPIRAL INRPOLATION

- SUPPORT FOR CUSTOM CODES AND CYCLES IN DIFFERENT NC SYSTEMS

- SIMULATES POST-PROCESSED FILES FROM UGS, PRO-E AND MASTERCAM

- MATERIALS LIBRARY, EDIT AND INSERT NIEW MATERIALS - WORPIECE SETTING AND MOUNTING

- DATABASE MANAGEMENT TOOLS AND TOOLS CUSTOMIZATION

- TURRET CAN BE CONFIGURED FOR 4, 8, 12 TOOLS. THE ATC CAN BE HORIZONTAL/VERTICAL

- MEASURING TOOLS: EDGE FINGER, FEELER GAUGE, MICROMETERS, CALIPERS, ECT..

- ROUGHNESS MEASUREMENTS BASED ON CUTTING PARAMETERS

- MACHINE SIMULATION INCLUDES LIKE COOLANT, SOUND FOR MACHINING OPERATIONS AND CHIPS GENERATION

- AUTOMATIC UPDATES ONLINE

- OPERATION PROCESS RECORDING AND REPLY IN AVI FORMAT
- AND MUCH, MUCH MORE...

Following operation***** can be performed:
Fanuc 0i T: Facing, turning, contour turning, grooving, threading, Drilling, call subprogram.
Fanuc 0iM: Facing, contour milling, pocket, mirror, rotation, scall, drilling, call subprogram.
Sinumerik 828D T: Cycle 95, Cycle 951, Cycle 930, Cycle 940, Cycle 952, Cycle 99
Sinumerik 828D M: Cycle 61, Cycle 66, Cycle 67, Cycle 840, Pocket1, Pocket2, Cycle 81, Cycle82, Cycle 83, Holes1, Holes2, subprogram.

*Certain Operations are unavailable as this is educational version.

Options Available:

This equipment can also be fitted with an additional Controller & Machine Control Keyboard for following:

Fanuc 31i Turn - Latest Fanuc CNC control including Manual Guide i
Fanuc 31i Mill - Latest Fanuc CNC control including Manual Guide i
SINUMERIK OPERATE 840D SL Turn - ShopTurn work-step programming
SINUMERIK OPERATE 840D SL Mill - ShopMill work-step programming
HEIDENHAIN TNC 640 Mill
FAGOR 8055 Turn Handling via softkeys like the original industry control
FAGOR 8055 Mill Handling via softkeys like the original industry control

- *On Special Request Fanuc 31i can be included for external use & understanding the diference between Old & New.*

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A Product by VE