



# GURU KRUPA ELECTRONIK SERVICES



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## DIAMOND CNC LATHE DL 6130



## DIAMOND CNC LATHE DL 6140



MACHINE MODELS	DL 6130	DL 6140	DL 6150
CHUCK SIZE	160 mm	200 mm	250 mm
MAX. TURNING DIA	140 mm	180 mm	230 mm
MAX. TURNING LENGTH	350 mm	750 mm	750 mm
X,Z RAPID SPEED	6, 8 m/min	6, 8 m/min	6, 6 m/min
SPINDLE MOTOR POWER	3.0 Kw WITH VFD DRIVE	5.5 Kw WITH VFD DRIVE	7.5 Kw WITH VFD DRIVE
SPINDLE SPEED	300 - 2500 rpm	300 - 2000 rpm	300 - 2000 rpm
TOOL POST (AUTO INDEXING)	4 STATION	4 / 6 STATION	4 / 6 STATION
TAIL STOCK TAPER	MT4	MT4	MT5
TOOL SIZE	20 X 20 mm	25 X 25 mm	25 X 25 mm
CNC SYSTEM	GSK 928 TEa	GSK 928 TEa	GSK 980 TDa
STANDARD ACCESSORIES : MACHINE LAMP, AUTO LUBE SYSTEM, COOLANT PUMP, CHIP REMOVAL GUARD, MACHINE GUARD			

## DIAMOND TURNMILL CENTER DTM 1010



Machine Model	DTM 1010
Chuck Size	100 mm
Max. Turning Length	100mm (Power Chuck)
Max. Turning Dia	100mm (Power Chuck)
Spindle Speed	60 - 6000 rpm
Spindle Motor Power	3.7 / 5.5 Kw Servo Spindle
X,z,y Rapid Speed	18m / min
Tool Post	8 Station Indexing Turret Y Axis With 4 Live Tools (vertical) Z Axis With 4 Live Tools (horizontal)
Tool Size	O D Shank Size 16 X 16 mm Boring Shank Size 20 mm
Dia	
Cnc System	Mitsubishim 70
Live Tools Y, Z	8 mm
Max. Drilling Dia	M 6
Max. Tapping Dia	100 - 4000 rpm
Chuck Type	Er 20
Max. Holding Size	13 mm

**DTM 1010 is most suitable for small components of Aluminum, Brass, MS, with Accurate Machining with side Milling, Drilling, Tapping.**

### CROSS SLIDE CONFIGURATION (A)

**8 STATION INDEXING TURRET  
Y AXIS WITH 4 LIVE TOOLS (VERTICAL)  
Z AXIS WITH 4 LIVE TOOLS (HORIZONTAL)**

**Note: Other three configurations according to request**



## DIAMOND TURNING CENTER (SLANT BED CHUCKER TYPE) DTC 6130



Machine Model	DL 6130
Chuck Size	160 mm
Max. Turning Dia	140 mm
Max. Turning Length	300 mm
X, Z Rapid Speed	8m / min
Spindle Motor Power	4 Kw with VFD
Spindle Speed	25 - 2000 rpm
Tool Post (Auto Indexing)	6 Station
Tool Size	20 X 20mm
CNC System	GSK 980Tda

Machine Model	DL 6152
Chuck Size	250 mm
Max. Turning Dia	230 mm
Max. Turning Length	800 mm
X, Z Rapid Speed	4, 8m / min
Spindle Motor Power	7.5 Kw with VFD
Spindle Speed	25 - 2000 rpm
Tool Post (Auto Indexing)	6 Station
Tool Size	25 X 25 mm
CNC System	Fanuc Oitc Controller

## DIAMOND HEAVY DUTY CNC LATHE DL 6152



Note :-  
ABC - 750, 1000, 1500, 2000 mm available

**CNC System GSK, HUST, MITSUBISHI, FANUC, Can be interfaced**

## DIAMOND CNC ROUTER MACHINE DR M25 ( Heavy duty)



## DIAMOND CNC ROUTER MACHINE DR 1224A



**Suitable for Wood Working design, Advertisements on Acrylic sheets, Aluminum Dye making, Granite Surface Design.**

CNC Router	DRM 25 (Heavy Duty)	DR 1224 A	DR 1224 B	DR 1212	DEM 4040
Table Size	1200 mm X 2400 mm			1200 X 1200 mm	400 X 400 mm
Gap Between Table Top and Cross Gantry	200 mm	100 mm	200 mm	200 mm	200mm
Axis Movement	X,Y rack and pinion drive Z - Ball screw movement.		X, Y LM Guide ways Z - Ball screw movement		
Spindle Power Arrangement Water Cooling system	4, 5 Kw	2.2 Kw	3 Kw	2.2 Kw	
Spindle Speed	24,000 rpm				
Operation	operated By Type 3 Artwork Software for Machine Motions, Art Soft CAM Software for file Conversion for G Code Generation, Can Convert Many Files To G Codes. For easy Operation, Separate Stand alone hand held Memory Storage (DSP) Device 10 Programs				
Standard accessories	<ol style="list-style-type: none"> <li>1. Cutting tools 22 pcs including 3 D cutter and milling bottom cutter.</li> <li>2. DSP control system, TYPE 3 ART CAM MOTION CONTROL SOFTWARE.</li> <li>3. Clamp - 6 pcs</li> </ol>				
Optional	Mist cooling system for hard materials.				

## DIAMOND CNC ROUTER MACHINE DR 1212



➔ Type 3, ART CAM Motion control soft ware.

➔ DSP control system



# DIAMOND ENGINEERING

## CNC RETROFIT ON ACCURATE ALL GEAR LATHE DL 1425

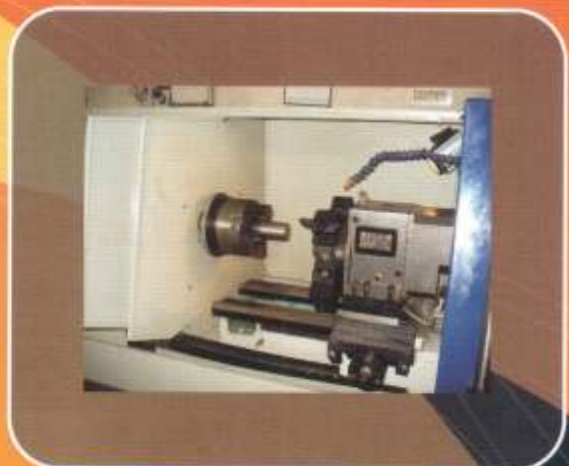


Machine Model	DL 1425
maximum Turning Dia	180 mm
Maximum Turning Length	900 mm
Chuck Size	200 mm (Hydraulic)
Spindle Power	5 HP (VFD)
Spindle Speed	80 - 1250 rpm (Manual Gear Changing)
X,Z Axis Rapid Speed	6,000 mm / min
Tool Post	4 Station Indexing 8 Station BTP 80 (Optional)
Control System	NERI - Bangalore XTA 31 Color Monitor with AC Servo on X, Z axis

### 4 STATION AUTO INDEXING TOOL POST



### 8 STATION AUTO INDEXING TOOL TURRET



## CNC RETROFIT ON KIRLOSKAR DIRECT SPINDLE DL 6150



## CNC RETROFIT ON ACCURATE BELT TYPE LATHE DL 1055



Machine Model	DL 1055
Maximum Turning DIA	180 mm
Maximum Turning Length	350 mm
Chuck Size	200 mm (8" Hydraulic)
Spindle Power	3 / 5 HP (VFD)
Spindle Speed	30 - 475 rpm,
X, Z Axis Rapid Speed	6 m / min
Tool Post	4 Station Indexing 6 Station BT P80 (Optional)
Tool Size	25 X 25 mm
Control System	HUST H 4 PT 2 axis controller with Panasonic AC servo Drive & Motors

## CNC RETROFIT ON COOPER VTL



Maximum Turning Dia	1100 mm
Maximum Turning Height	500 mm
Chuck Size	1200 mm
Spindle Power	20 HP (VFD)
Spindle Speed	20 - 160 rpm (Hydraulic Gear changing)
X,Z Axis rapid speed	6,000 mm / min
Tool Post	Manual / Automatic 6 station (Optional)
Control System	NERI - Bangalore XTA 31 color monitor with AC servo on X,Z axis.

## CNC RETROFIT ON HEAVY DUTY MILLING MACHINE DTU 1260

Machine Model	DTU 1260
Table size	350 x 1500 mm
X, Y, Z Travel	1200 x 580 x 500 mm
Spindle Taper	ISO 40
Spindle Power	15 HP (VFD)
Control System	NERI - Bangalor NE 97M color monitor with AC servo on X, Y, Z axis.



## CNC RETROFIT ON MILLING MACHINE DM 1240



Machine Model	DM 1204
Machine Bed Size	1524 mm X 305 mm
Machine Travel	X - 1200, Y - 400 mm X Z- 500 mm
Rapid Speed of the Axis	8.0 mts / min
AC Servo Motor on Axis	X,Y - 7.7 NM, Z - 10 NM (BREAK)
spindle speed	80 - 900 rpm - Gear (VFD) 100 - 300 rpm - Non Gear (VFD)
Spindle Quill diameter	127 mm
Spindle Nose	NT 40
Tool Changing	Manual with Air Motor Draw Bar
Counter Balancing for Z axis	Provided
CNC Controller	NERI - Bangalore NE 97 M

**DIAMOND TURNING CENTER (SLANT BED CHUCKER TYPE)  
DTC 1625**



MACHINE MODEL	DTC 1625
Chuck Size	160 mm
Max. Turning Dia	140 mm
Max. Turning Length	300 mm
X,z Rapid Speed	8, 8 m/min
Spindle Motor Power	4 KW WITH VFD DRIVE
Spindle Speed	100 - 2000 rpm
Tool Post (Auto Indexing)	4 STATION
Tool Size	20 X 20 mm
Cnc System	GSK 980 TDa

**CNC RETROFIT FOR HEAVY DRILLING CYCLE**



MACHINE MODEL	DDL 2445
Maximum Drilling Capacity	24 mm Direct
Maximum Carriage Travel	450 mm
Chuck size	200 mm
Spindle power	3 Hp
Spindle speed	120 - 500 rpm
Axis rapid speed	5,000 mm/min
Control System	NERI - Bangalore Ne_01 Monochrome monitor with AC servo on Z axis

**CNC RETROFIT ON BOMBAY HEAVY DUTY LATHE**

Maximum turning Dia	900 mm
Maximum Turning Length	2000 mm
Chuck size	1000 mm
Spindle power	15 Hp
Spindle speed	100 rpm (MAX)
X,Z Axis rapid speed	5 m / min
Tool post	4 station AUTO Indexing 8 Station BTP 80 (optional)
Control system	NERI - Bangalore XTA 31 color monitor with AC servo on X,Z axis.



## DIAMOND CNC COLUMN PIPE THREADING MACHINE

MACHINE MODEL	DPL - COLUMN
Maximum threading dia	110 mm (4")
Maximum turning length	300 mm
Job clamping	Manual chuck / 12 " hydraulic(optional)
Spindle power	5 HP
Spindle speed	1500 rpm
X,Z Axis rapid speed	8,000 mm / min
Tool post	8 station Indexing
Control system	NERI - Bangalore XTA 31 color monitor with AC servo on X,Z axis



## DIAMOND CNC CASING PIPE THREADING MACHINE



MACHINE MODEL	DPL - CASING
Maximum Threading dia	200 mm (8")
Maximum bed length	5.5 ft
Job clamping	Manual collet type
Spindle power	5 HP
Spindle speed	600 rpm
X,Z Axis rapid speed	5,000 mm / min
Tool post	4 station Indexing
Control system	NERI - Bangalore XTA 31 colour monitor with AC servo on X,Z axis

We under take Automations with  
MITSUBISHI, GSK, HUST, NERI, SIEMENS, FANUC CONTROLLERS

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