

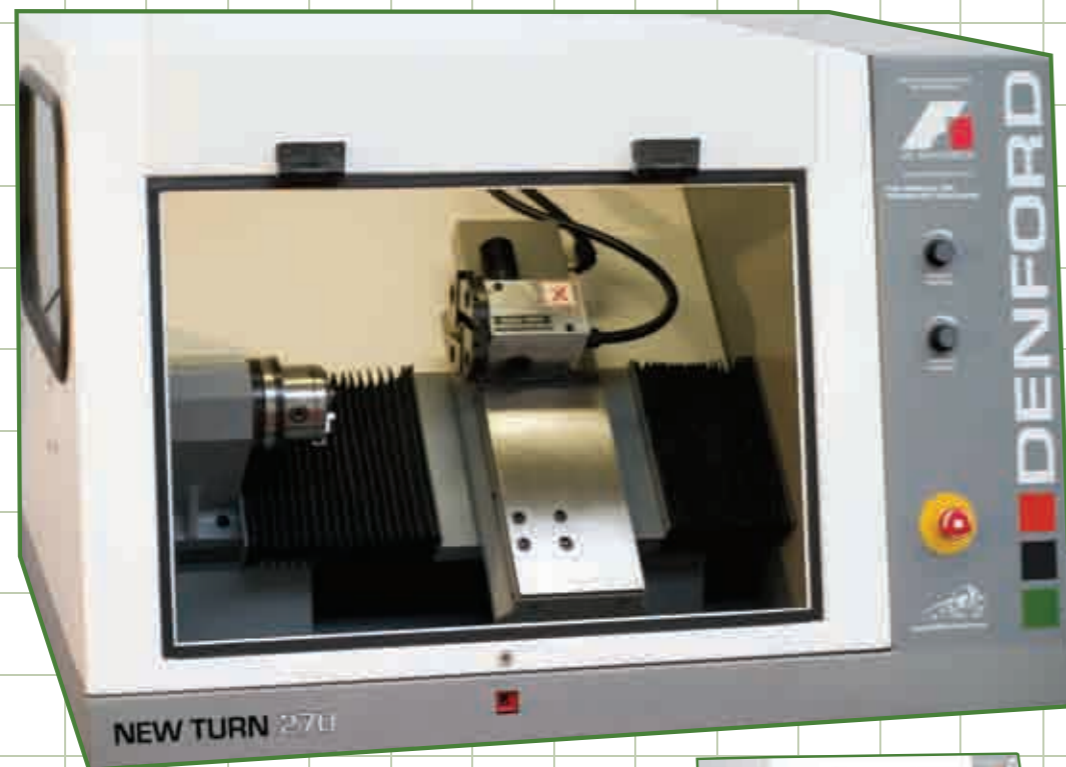
New Turn 270

CNC LATHE

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A compact 2 axis CNC Lathe with totally enclosed high-visibility interlocking guard, suitable for all levels of education and training. Programmable spindle speeds and feedrates make the New Turn 270 ideal for cutting a range of resistant materials such as wax, plastic, acrylic, free cutting alloys, aluminum and steel. Also suitable for integration into FMS/CIM systems [additional equipment must be fitted at time of manufacture].

NEW


Shown with optional universal bench.

THE NEW TURN 270 COMES AS STANDARD WITH:

VR CNC Turning Operating Software (PC not included).
Installation and Instruction Manuals.
Quick Change Toolpost and Holder.
Manual Self Centring 3 Jaw Chuck.

OPTIONAL EQUIPMENT INCLUDES:

8 station programmable turret, pneumatic chuck and guard,
spray mist coolant, tail stock, and Universal Machine Bench.

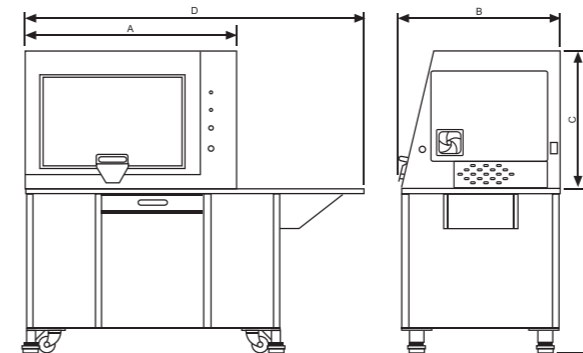
SYSTEM REQUIREMENTS

IBM or 100% Compatible PC, Pentium III, 1Ghz, 512MB RAM, 200MB Free Hard Disk Space, Microsoft Windows XP/NT/2000 and later, CD-ROM Drive, Floppy Drive, OpenGL 3D Accelerator Graphics Card with 128MB RAM supporting at least 1024 x 768 screen resolution.
CNC Machines require USB Connection.*

*N.B. Machines cannot be run from 64-Bit Operating Systems

RECOMMENDED SOFTWARE PROGRAMS

All software necessary to control the New Turn 270 is included. Also included is a seat of QuickTURN 2D Design - an easy to use CAD package.



Machine Dimensions.



| MECHANICAL DETAILS | NEW TURN 270 |
|---|--------------------------|
| Machine Length (A) | 1000mm - 39.37in |
| Machine Depth (B) | 750mm - 29.53in |
| Machine Height Bench Mounting (C) | 675mm - 26.57in |
| Length with Optional Base (D) | 1600mm - 62.99in |
| Height with Optional Base (E) | 1440mm - 56.69in |
| Machine Weight | 140kg - 308.65lb |
| Machine Weight with Optional Base | 255kg - 562.18 |
| Swing Over Bed | 190mm - 7.48in |
| Swing Over Cross Slide | 100mm - 3.94in |
| Distance Between Centres | 270mm - 10.63in |
| Travel X Axis | 150mm - 5.91in |
| Travel Z Axis | 225mm - 8.86in |
| Max. Spindle Speed | 4000rpm |
| Max. Feed Rate | 2500mm/min - 98.43in/min |
| Spindle Bore | 26mm - 1.02in |
| Mains Supply Requirements* (* Alternative supplies available on request) | Single Phase |
| Spindle Motor | 1.5kW - 2.01HP |
| Axes Motors | Stepper |
| Volts | 230 Volts - 110/ 120VAC |
| Amps | 8 Amps |
| Hz | 50/60 Hz |
| Electrical Socket | 13A Socket |

To get you up and running, Denford also offer a range of CNC Routers, Lasers, Milling Machines and Lathes, together with tooling packages, workholding kits and courseware.

Total Commitment to Manufacturing Technology in Education and Training Worldwide. ISO9001 compliant.

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