



## MECHANICAL COURSE

**Course title : DH1 Doosan & iTNC Heidenhain Maintenance Vertical Mill  
(Basic 3 Axes Machining Centres)**

**Course length : 2 days Course cost : £500.00 (+ VAT)**

### Day 1

#### Start Time

#### Finish Time

Introduction & General Set-up of Machine.  
Tool Change Sequence i.e.: Fault Finding, Setting Up etc.  
Ball screws i.e.: checking accuracy, replacement.  
Axis Realignment.  
Setting grid shifts & backlash etc.  
Fault Finding and Testing equipment.

9:30 AM

5:00 PM

### Day 2

#### Start Time

#### Finish Time

Pallet Changer.  
Additional axis description and part location.  
Spindle Assembly.  
Through Coolant Assembly and Coolant Pumps.  
Hydraulic description, identification & location of parts.  
Pneumatic assembly and adjustments.  
Preventative Maintenance.  
Questions & Questionnaire.

9:00 AM

4:00 PM

NB 1: Machine availability for use on Maintenance will vary and will be advised upon on the day.

NB 2: DH1 course is a Basic Mechanical Course for 3 Axes & Vertical Machining Centres. EH1 may also be required.