



## Pennine Machine Tools Ltd

### Pennine Stock –No 20061



**Schiess 18DE** , 1600 mm table, elevating rail, CNC  
Vertical turning and boring machine with 4 station  
auto turret and Fanuc 21i -T CNC control

<b>Serial No</b>	<b>11710310 ( to confirm)</b>
<b>Year of Manufacture</b>	<b>Rebuilt 2006 ( original carcass 1977)</b>
<b>Table Diameter</b>	<b>1600 mm</b>
<b>Maximum Swing</b>	<b>1800 mm</b>
<b>Maximum Turning Diameter</b>	<b>1800 mm ( to confirm)</b>
<b>Maximum working Height</b>	<b>1250 mm</b>
<b>Ram Travel -vertical</b>	<b>800 mm</b>
<b>Ram Travel – horizontal (goes 150 beyond centre line)</b>	<b>1150 mm</b>
<b>Beam/Rail Travel</b>	<b>750 mm</b>
<b>Table Height</b>	<b>900 mm</b>
<b>Number of Turret Stations</b>	<b>4</b>
<b>Turret size</b>	<b>400 square</b>
<b>Table Speeds (2 Ranges), G1= 1 to 63 rpm, G2=10-250</b>	<b>1 to 250 rpm</b>
<b>Main Spindle/Table Motor</b>	<b>71Kw</b>
<b>Rapid Traverse Rates</b>	<b>7000mm/min</b>
<b>CNC Control</b>	<b>Fanuc 21i-T</b>
<b>Machine Weight Approx.</b>	<b>18000 kgs</b>
<b>Max. Workpiece Weight approx</b>	<b>5000 kgs</b>

Fully Enclosed and Interlocked Guarding System (to be fitted), Swarf Conveyor option  
Coolant Equipment, 2 Speed Gearbox for Main Spindle,  
4 Jaw Manual Chuck with Integral Base Jaws.

Note: Photo above shows Schiess machine previously completed by Pennine.

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