



Moss Group Automation

3 STATION C.N.C. TURRET ROTARY TRANSFER MACHINE



MACHINE DESCRIPTION AND SPECIFICATION:

The machine is a Fully Automated C.N.C. Rotary Transfer with Auto Load and Auto Unload.

- STATION 1** - The auto load/unload unit consists of a linear track with lift and carry grippers (2 off) which are adjustable to accommodate for the variation of components.
- STATION 2 & 3** - At each station there is a four spindle servo driven turret index unit, capable of vertical and horizontal machining. The turret is mounted to a three axis 300mm cube column module, running on linear bearings and driven by servo motors, linear scales are used for positioning.
Spindle drive is 5.5NM, R.P.M. 6000
Tool change time - 1 second, linear repeatability on X, Y & Z axis 0,006mm

ROTARY TABLE AND FIXTURES

- The Ø1250mm servo driven/disc braked rotary table has three 180° indexing fixtures, with change over jaws, to accommodate different components. The rotary table and indexing fixtures give simultaneous multi face machining and part transfer, table index time is 2.5 seconds.

