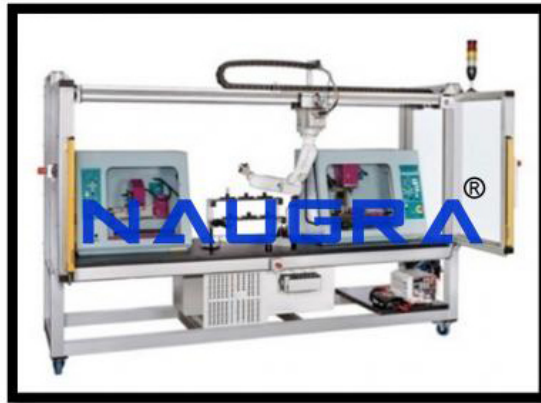


**Product Name :**  
Computer Integrated Manufacturing and Handling System

**Product Code :**  
AR778



**Description :**

Computer Integrated Manufacturing and Handling System

**Technical Specification :**

Computer Integrated Manufacturing and Handling System  
Demonstration of automated processes in a CIM cell  
Robot with travel unit as overhead system CNC milling machine with pneumatic vice  
CNC lathe with automatic tool changer, pneumatic chuck and pneumatic safety guard opening  
Stock with gravity feed for spherical material, capacity dependent on diameter of part  
Inspection station, e.g. For checking part diameter  
Finished parts store with self-centering pallets and interchangeable part mounts  
Sequence control of the individual manufacturing steps by plc and process control software  
Communication between plc and pc via USB  
Programming software for CNC machines, robot, plc, travel unit under windows  
Required compressed air supply: 6bar

**Technical Data:**

Travel unit with DC servo motor  
Travel: 2700mm  
Repeat accuracy: 0,1mm  
Velocity: 1,4m/s  
5-axis robot with AC servomotors  
All 5 Axes Can Be Moved Simultaneously  
2-finger gripper: gripping force adjustable via compressed air

CNC lathe  
Drive power output: 490W  
Distance between centres: 140mm  
Height of centres: 20mm  
Spindle speed: 200â€”3200min-1  
Programmable feed: 0â€”1500mm/min  
CNC milling machine and drill  
Drive power output: 450W  
Travel: x=225mm / y=150mm / z=140mm  
Spindle speed: 350â€”3500min-1  
PLC  
40 digital inputs / 1 analogue input  
40 digital outputs  
400V, 50Hz, 3 phases

## Naugralabequipments

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