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Product Name :	**Product Code :**
Computer Integrated Manufacturing and Handling System	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: 200…3200min-1
Programmable feed: 0…1500mm/min
CNC milling machine and drill
Drive power output: 450W
Travel: x=225mm / y=150mm / z=140mm
Spindle speed: 350…3500min-1
PLC
40 digital inputs / 1 analogue input
40 digital outputs
400V, 50Hz, 3 phases

Naugralabequipments

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