North American Package

CNC automatic production lathe INDEX ABC
with control **FANUC 31i-B**
including selected full features at an attractive price.
CNC automatic production lathe INDEX ABC

ABC - minimum effort and maximum production

A strong design -
Added value already in the machine design
• Spindle clearance 60 mm
• Spindle speed up to 6,000 rpm
• Up to 3 tools engaged simultaneously
• Tool supply with a total of 19 stations
  Turret 1: 8 stations
  Turret 2: 6 stations
  Reverse side machining: 5 stations
• Live tools for both turrets
• Easy to set up due to high degree of accessibility
• Strong performance data with small space requirement

Example of a machine offer with control FANUC 31iB
• Main spindle with bar capacity 60 mm
• Max. speed 6,000 rpm, max power 29 kW (40%)
• Turret 1 (X,Z)
  7 stations VDI25, 1 station with mounting for synchronous spindle
  Tool drive unit
  max. speed 6,000 rpm, max power 3.3 kW (25%)
  max. torque 7.5 Nm (25%)
• Turret 2 (X,Z)
  6 stations
  Tool drive unit
  max. speed 4,500 rpm, max power 4.2 kW (25%)
  max. torque 7.5 Nm (25%)
• Collet mounting AD85 for draw-type clamping on the D60 main spindle with main spindle collet chuck
• Synchronizing spindle mounting D42, integrated alignment and indexing unit 7.5 degrees
  max. speed 4,500 rpm, max power 4.2 kW (25%)
  max. torque 10 Nm (25%)
• Rear-end drilling unit tur. 1 (X,Z) 5 stations, without quills
• 3 quills for stationary tools VDI25
• Workpiece removal unit fitted to synchronous spindle, with bar remnant removal
• Synchronizing device with hydraulically actuated workpiece clamping
• Ejecting and flushing unit for synchronous spindle
• Slat band chip conveyor with integrated coolant tank and 8/18 bar coolant pump
  Discharge height 840 mm, tank volume 220 l
• Machine prepared for use of cooling lubricant emulsion
• Preparation for connection of a coolant mist extraction and filter system
• Rittal control cabinet cooling unit; CFC free, 400 V, 50/60 Hz
• Motor current-based tool monitoring system
• MBL, LMI, and Unimag Bar loading interfaces for INDEX and third party bar Loaders
• Interface to connect a CO2 fire extinguishing system
• INDEX durable tooling package
• Line Conditioning Transformer
• Initial commissioning of machine
• 4 ½ days of operator training/assistance
• Shipping FOB INDEX Corporation

Custom workpiece setups not included, but can be quoted upon request
Please keep in mind that machine-specific and material-specific components, such as clamping devices, spindle reductions and accessories are also needed and are not included in the pricing.