

# KENT INDUSTRIAL (USA) INC.

## DESCRIPTION:

KENT USA CKE-2660 CNC LATHE



10 HP AC frequency drive Spindle motor  
4 operating modes: Manual, Teach-in, Conversational, and full CNC  
Rigid FC-30 castings with extra ribbing  
Induction hardened and ground ways  
3 speed auto shifting gearbox with alloy steel gears that are hardened and ground  
Extra large precision ground ballscrews  
7-2200 RPM range; electronic handwheels  
Auto Lube system with metered Check valves

## MACHINE SPECIFICATIONS:

Swing over bedway:	26" (660mm)
Swing over cross slide:	16.9" (430mm)
Distance between center:	60" (1500mm)
Width of bed:	15.75" (400mm)
Spindle nose:	D1-8
Spindle bore:	3-1/16" (82mm)
Spindle taper:	1:20
Spindle speeds:	7-135, 30-550, 110-2200 rpm
Longitudinal travel (Z axis):	56" (1430mm)
Cross slide travel (X axis):	12" (305mm)
Ballscrew diameter:	Z axis: 2" (50mm), 10mm pitch X axis: 1" (25mm), 5mm pitch
Positioning Accuracy:	0.0005" (0.01mm)
Repeatability:	0.0002" (0.005mm)
Servo Resolution:	0.0001" (0.0025mm)
Input Resolution:	0.0001" (0.0025mm)
Tailstock quill diameter:	2.95" (75mm)
Tailstock quill travel:	6" (150mm)
Tailstock taper:	M.T. #5
Spindle motor:	10 HP
AC servo motor (Z axis):	2.4 HP (1.8 KW)
AC servo motor (X axis):	1.7 HP (1.3 KW)
Net weight:	6270 lbs (2850 Kg)
Packing dimension:	L: 132" (3330mm) W: 69" (1750mm) H: 67" (1700mm)

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## CKE-2660 CNC LATHE

With Anilam 4200T CNC control  
With AC Frequency drive  
With Auto-lubrication unit  
With flood coolant system

Also available with Fanuc-0TiMate and other CNC configurations  
Please ask for pricing/specifications

### **OPTIONS AND ACCESSORIES:**

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6-position horizontal turret (automatic)  
3 jaw scroll chuck  
4 jaw independent chuck  
Hydraulic chuck 8"  
Hydraulic chuck 10"  
Hydraulic tailstock  
Steady rest  
Follow rest  
Face plate  
Quick change toolpost  
Hydraulic 6 tool Turret  
Royal Live center (M.T. #5)  
Rustlick coolant (1 gallon, mixes 1:30)

### **AC Frequency Drive Specifications:**

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An AC Frequency Inverter Drive is used to vary the frequency (Hz) of the power source in order to vary the spindle motor rpm. This allows the machine to change spindle rpm without stopping the motor and also allow for infinitely variable spindle speeds. Less gears inside the headstock also insures smoother running and quieter operations.