

KENT INDUSTRIAL (USA) INC.

KENT USA CKE-2040 CNC LATHE
KENT USA CKE-2060 CNC LATHE



10 HP AC frequency drive Spindle motor
4 operating modes: Manual, Teach-in,
Conversational, and 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:	20" (500mm)
Swing over cross slide:	11" (280mm)
Distance between center:	40"/60" (1000/1500mm)
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):	36"/56" (930/1430mm)
Cross slide travel (X axis):	11" (280mm)
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:	5720/5940 lbs (2600/2700 Kg)
Packing dimension:	L: 112/131" (2830/3330mm) W: 69" (1750mm) H: 63.8" (1620mm)

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MACHINE BASE PRICING:

CKE-2040 CNC LATHE

CKE-2060 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:

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:

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.