# KENT INDUSTRIAL (USA) INC.

KENT USA KLS-1840N CNC LATHE

7.5 HP AC Servo Spindle motor
Big 3” plus spindle through hole
Rigid FC30 castings with extra ribbing
Induction hardened and ground ways
Alloy steel gears that are hardened and ground;
Extra large precision ground ballscrews
45-1800 RPM range
Auto Lube system with metered Check valves
Full enclosure
Fanuc 0iMate CNC control

Special Promotional Package: 8” 3 Jaw chuck, automatic 4 position electric Turret, tailstock, programmable flood coolant, worklight

MACHINE SPECIFICATIONS:

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|---|---|
| Swing over bedway: | 18” (460mm) |
| Swing over cross slide: | 9.84” (250mm) |
| Distance between center: | 39.4” (1000mm) |
| Width of bed: | 13.8” (350mm) |
| Spindle nose: | D1-6 or ASA A1-6 |
| Spindle bore: | 3” (80mm) |
| Spindle taper: | M.T. #7 |
| Spindle speeds: | 45-1,800 RPM |
| Longitudinal travel (Z axis): | 39.4” (1000mm) |
| Cross slide travel (X axis): | 10” (250mm) |
| Ballscrew diameter: | Z axis: 1.259” (32mm), 10mm pitch |
| | X axis: 0.787” (20mm), 5mm pitch |
| Rapid traverse speed: | Z axis: 240”/min (6M/min) |
| | X axis: 120”/min (3 M/min) |
| Tailstock quill diameter: | 3” (75mm) |
| Tailstock quill travel: | 5” (130mm) |
| Tailstock taper: | M.T. #5 |
| Spindle motor: | 7.5 HP |
| AC servo motor (Z axis): | 1.13 HP (0.85 KW) |
| AC servo motor (X axis): | 0.6 HP (0.45 KW) |
| Net weight: | 5236 lbs (2380 Kg) |
| Gross weight: | 5720 lbs (2600 Kg) |
| Packing dimension: | 100” x 55” x 67” (2540x1400x1750mm) |

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**MACHINE BASE PRICING:**

KLS-1840N CNC LATHE
With Fanuc 0imateT CNC control
With Fanuc Servo Spindle motor
With Auto-lubrication unit
With flood coolant system

Also available with Fagor, Anilam and other CNC configurations
Please ask for pricing/specifications

**OPTIONS AND ACCESSORIES:**

3 jaw scroll chuck
4 jaw independent chuck
Hydraulic chuck 8” (A1-6 Spindle)
Hydraulic chuck 10”
Hydraulic tailstock
Upgrade to 6 position hydraulic turret
Follow rest
Face plate
Quick change toolpost (instead of standard 4 way toolpost)
Royal Live center (M.T. #5)
Rustlick coolant (1 gallon, mixes 1:30)
One day on-site start up training

**Servo Spindle Drive Specifications:**

A servo spindle drive is the best response spindle drive system available and will allow for better finish and work efficiency. This also allows the machine to change spindle rpm with infinitely variable spindle speeds without stopping the motor. Less gears inside the headstock also insures smoother running and quieter operations.