



MAQUINARIA Y SERVICIOS DHM SA DE CV
AV. NICOLAS GOGOL #11342, CHIH., CHIH.
C.P.31136 TEL. (614) 205-46-17 EXT. 112



Data Sheet



KENT USA KLR-200/200L CNC Horizontal Turning Center



OUTSTANDING FEATURES:

8" 3-jaw chuck with 2.55" bar capacity
11.41" max turning diameter, 21.65" max turning length (39.37" 200L)
High speed / high accuracy 12 station turret
Induction hardened and precision ground box ways
45° slant bed with one piece Meehanite® casting for superior dampening and stability
High grade C3 precision ball screws and pretension for enhanced precision
Auto lubrication system metered check valves and piston distributor
Programmable spindle air blow tube

GENERAL SPECIFICATIONS:

Specifications \ Model:	KLR-200/200L
Controller type	Fanuc Oi-TF
Swing over bed	505 mm (19.88")
Swing over saddle	318 mm (12.52")
Max. cutting diameter (12 station turret)	290 mm (11.41")
Max. cutting length	550 / 980 mm (21.65/38.58")
Bed slant angle (box ways)	45°
Spindle nose taper	A2-6
Power chuck diameter	8"
Spindle speed	4000 rpm
Spindle motor power	15 kW (20 hp)
Bar capacity	65 mm (2.55")
Z-axis travel	600 / 1050 mm (23.6/41.3")
X-axis travel	220 mm (8.66")
Z-axis rapid feed rate	20 m/min (787 ipm)
X-axis rapid feed rate	20 m/min (787 ipm)
Turret driven type	Hydraulic
Number of tool station	12 (8/10 opt)
Square shank tooling size	1"
Round shank tooling size	1.25"
Tail stock body travel	545 / 1045 mm (21.4/41.1")
Quill travel	80 mm (3.1")
Quill diameter	75 mm (2.95")
Quill taper	MT 4
Quill control type	Hydraulic
Tail stock body positioning	Manual
Floor space (Length)	2.9 / 3.7 m (9.51/12.1 ft)
Floor space (width)	1.6 m (5.3 ft)
Floor space (height)	1.7 m (5.6 ft)
Weight	3600 / 5200 kg (7925/11440 lb)

STANDARD EQUIPMENT & ACCESSORIES:

Fanuc Oi-T CNC control with 8.4" color LCD
Fanuc i-Series high torque spindle and axis motor with digital drive system
Fanuc Absolute Encoders – machine axis start up "Home" sequence not required
Fanuc Auto-Measure System (X and Z)
Fanuc Macro-B and High Speed Skip Function
Fanuc USB, PCMCIA, Ethernet and RS-232 ports
Fanuc Manual Guide Oi – computer assist programming
Fanuc 400 registered part program numbers and 640M part program memory
Swivel-Out control panel
Heat exchanger for electrical cabinet
Hydraulic power supply unit
Flood coolant system (4 bar)
Chain type chip conveyor and chip cart
Full enclosure and way covers
Automatic lubrication system
3 color stack indicator light
12 station heavy duty high precision turret
Programmable tail stock quill
Programmable spindle air blow tube
Standard soft jaws 3 sets + hard jaws 1 set
Induction hardened and precision ground box ways
45° slant bed with one piece Meehanite® casting
C-3 grade high precision ball screws
Facing tool holder (R/H) 1" x 1" 1 set
Facing tool holder (L/H) 1" x 1" 1 set
Boring bar holder $\varnothing 1.25$ " 3 sets
Boring bar socket $\varnothing 1.25$ " 1 set with 1/4", 3/8", 1/2", 5/8", 3/4", 1"
U-Drill holder $\varnothing 1.25$ " 1 set
U-Drill sockets $\varnothing 1.25$ " 1 set with 16/20/25 mm
Drilling sockets $\varnothing 1.25$ " MT 1/2/3
Operator and Maintenance/Parts manuals

KENT USA KLR-200 CNC Horizontal Turning Center (*ASK TO YOUR SALES MAN*)

KENT USA KLR-200L CNC Horizontal Turning Center (*ASK TO YOUR SALES MAN*)

STANDARD ACCESSORIES

Fanuc Oi-T cnc control with 8.4" color LCD

8" 3-jaw hydraulic chuck with 2.55" bar capacity

12 station turret and coolant system

Programmable tail stock quill and spindle air blow tube

Chain type chip conveyor and chip cart

OPTIONS AND ACCESSORIES(*ASK TO YOUR SALES MAN*)

Bar feeder (various sizes available base on application)

Bar feeder interface card with extra M-code (required for bar feeder)

Upgrade to 12 station servo turret (BOT or BMT-55 mount)

APT30 live tool turret with C-axis control BMT-55 tooling

Parts catcher option

Parts conveyor

Auto door option

Upgrade to Fanuc 10.4" color LCD with Manual Guide i

Renishaw HPRA tool setter

Renishaw HPPA tool setter

Oil mist collector

Oil coolant skimmer

Control cabinet cooler (A/C unit)

Upgrade to high pressure 10-bar (150 psi) coolant system

Transformer (440-460-480 to 220 volt)

On-site start up installation assistance