

CNC Oil Country Lathe : **22" / 32" BED**

	CMD-37		CMD-42	CMD-47		CMD-55	CMD-63
Swing over bed	37" (960 mm)		42" (1060 mm)	47" (1200 mm)		55" (1400 mm)	63" (1600 mm)
Swing over cross slide	21" (530 mm)		25" (630 mm)	30" (750 mm)		37" (950 mm)	45" (1150 mm)
Bed width	22" (560 mm)			32" (800 mm)			
Distance between centers	80"~240" (2000~6000 mm)			80"~400" (2000~10000 mm)			
Spindle bore	6" (156 mm)	9" (230)	10" (260 mm)	12" (310 mm)	14" (360 mm)	21" (535 mm)	
Spindle nose	A2-11	A2-15	A2-15	A2-20	A2-20	A2-28	
Spindle speeds (4 Steps)							
	6-800 RPM	4-600 RPM	4-600 RPM	3-400 RPM	3-400 RPM	2-300 RPM	
Spindle motor	30/40 HP (200"/240")			40/50 HP (200"/240" and above)			
Ball screw diameter	X-axis: 40 mm; Z-axis: 63/80 mm (For 200"/240")			X-axis: 50 mm; Z-axis: 80 mm			
Cutting speed	X & Z - Axis: 0~5 m/min						
Max, X-axis travel	24" (600 mm)			32" (800 mm)			
Max, Z-axis travel	80"~240" (2000~6000 mm)			80"~400" (2000~10000 mm)			
Tailstock spindle travel/Quill	11.81"/4.9" (300 mm/125 mm)			11.81"/7.87" or 11.42" (300 mm / 200 or 290 mm)			
Tailstock spindle taper	MT#6			MT#7			
Controller	Fagor 8055i		Fanuc 0i-TD		Fagor 8055i		Fanuc 0i-TD
X-axis servo motor	FXM 54		12i		FXM 74		22i
Servo motor output	2.8 kW x 2		2.7 kW x 2		5.3 kW x 2		4.5 kW x 2
Z-axis servo motor	FXM 74		22i		FXM75		32i
Servo motor output	5.3 kW x 4		4.5 kW x 4		6.5 kW x 4		5.5 kW x 4
Coolant pump motor	1 HP						

CNC Giant Heavy Duty Lathe : **52" BED**

	CMD-70	CMD-79	CMD-98
Swing over bed	70" (1800 mm)	79" (2000 mm)	98" (2500 mm)
Swing over cross-slide (Full length)	49" (1250 mm)	57" (1450 mm)	77" (1950 mm)
Swing over cross-slide (Half length)	61" (1550 mm)	69" (1750 mm)	85" (2150 mm)
Center height	35" (900 mm)	39" (1000 mm)	49" (1250 mm)
Bed width	52" (1320 mm)		
Distance between centers	120" ~ 480" (3000 mm ~ 12000 mm)		
Spindle bore/Spindle nose	9" (230 mm)		
Spindle speeds (4 Steps)	5~460 RPM		
Spindle motor	60/75 HP (Opt. 80/100 HP)		
Number of tool stations	Horizontal 4 or Vertical 8		
Tool shank cross section	1.57" x 1.57" (40 mm x 40 mm)		
Tool shank diameter	2.36" (Opt. 3.94")		
Cutting feed rate (per rotation)	X-axis: 0.00005" - 9.8" (0.001-250 mm), Z-axis: 0.00005"-16" (0.001-400 mm)		
Rapid travel	X-axis: 236"/min (6 m/min), Z-axis: 315"/min (8 m/min)		
Ball screw diameter	X-axis: 2.36" (60 mm), Z-axis: 3.94" (100 mm)		
Tailstock spindle travel/Quill	11.81" / 11.42" Rotary (300 mm / 290 mm Rotary)		
Tailstock spindle taper	MT#7		
Controller	Fanuc or Fagor		
X-axis servo motor output	5.5 kW x 2		
Z-axis servo motor output	5.5 kW x 4		
Hydraulic pump motor	7.5 kW		
Coolant pump motor	1.0 kW		
Machine weight (3 meter D.B.)	66,139 lbs (30,000 kgs)	76,060 lbs (34,500 kgs)	81,571 lbs (37,000 kgs)
Weight per extra meter	9,921 lbs (4,500 kgs)		



**KENT
USA**

**Heavy Duty CMD
Oil Country Lathe**



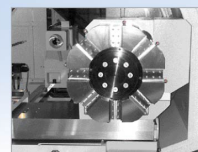
• Tailstock Rotary Quill



• Hydraulic Tailstock



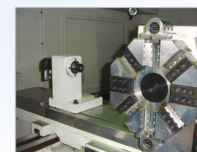
• 3-Jaw Hydraulic Chuck



• Hydraulic V8 Turret



• Locating Hydraulically



• Hydraulic Milling Device



• Double Chuck



• Axes servo motor output enhancement



• Boring Device



• HD Steady Rest



• Hydraulic 4-way Toolpost



• Movable Program



• Square Groove of Carriage enhances cutting ability

22" / 32" BED

STANDARD ACCESSORIES

- CNC controller: FANUC 0i-TD or FAGOR 8055i
- AC Spindle Motor
- Auto lubrication system
- Coolant system
- Splash guard
- RS-232 port
- Work light
- Adapter sleeve (for 9" spindle bore lathe and below)
- Tool centers
- Leveling bolts & Pads
- Tool box with oiler, spare fuse, paint & tools
- Operation & Service manual
- Chip conveyor

52" BED

STANDARD ACCESSORIES

- CNC controller: FANUC 0i-TD or FAGOR 8055i
- AC Spindle Motor
- Auto lubrication system
- Coolant system
- H4 or V8 hydraulic turret
- RS-232 port
- Work light
- Splash guard (for Distance between centers $\leq 6m$)
- Adapter sleeve
- Tool centers
- Tailstock rotary quill
- Leveling bolts & Pads
- Tool box with oiler, spare fuse, paint & tools
- Operation & Service manual
- Chip conveyor

22" / 32" BED

OPTIONAL ACCESSORIES

- 3-Jaw Chuck
- 4-Jaw Chuck
- Face Plate
- Hydraulic Chuck
- Double Chuck System
- Steady Rest
- Follow Rest
- Hydraulic Milling Device
- Locating Hydraulically
- Boring Device
- Hydraulic 4-way Tool Post
- Hydraulic V8 Turret
- Hydraulic V12 Turret
- Hydraulic Tailstock
- C-axis Control
- Power Turret

52" BED

OPTIONAL ACCESSORIES

- 3-Jaw Chuck
- 4-Jaw Chuck
- Face plate
- Steady rest
- Hydraulic Milling Device
- Locating Hydraulically
- Boring device
- Hydraulic Tailstock
- C-axis Control
- Power Turret