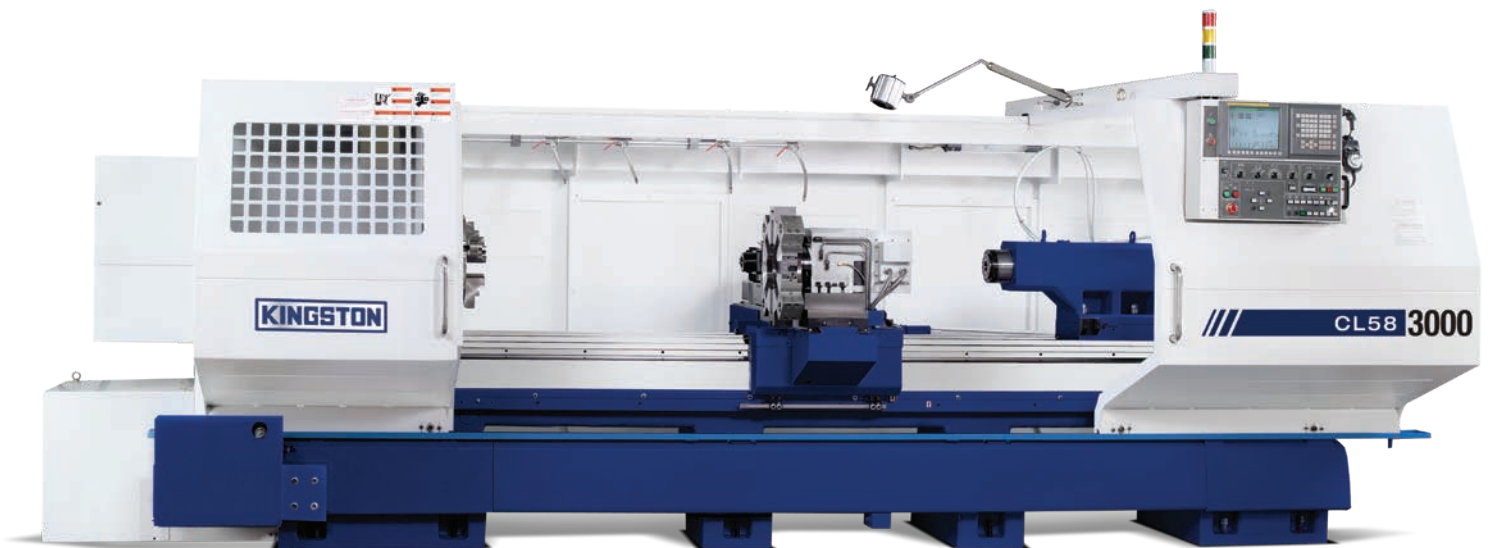


CL58

Dual Turret Performance



KINGSTON

CL58

Dual Turret Performance

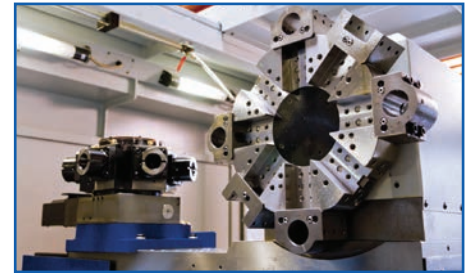
Kingston's CL-58 model builds upon our popular CL-38 by stepping up its power and capacity to handle larger and longer workpieces. This versatile front- and rear-chuck ready two-turret machine includes an upgraded front V8 hydraulic turret and rear H6 servo turret, 40 HP Motor, and wider 22" 2 V-way bed for optimal cutting performance. Customize your CL-58 with a 7.3", 10", or 14.7" bore and lengths from 80" – 240".

Machine Highlights

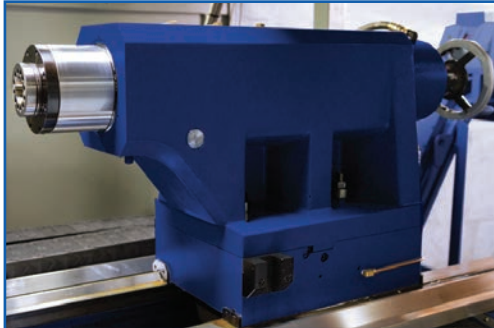
- 1 40 HP Spindle Motor
- 2 Rear Chuck Adapter with safety door



- 3 Spindle Bore: Choice of 7.3" or 10" or 14.7"
- 4 Heavy Duty Hydraulic V8 Turret and Servo H6 Turret with 2" Boring Bar Holders



- 5 **Tailstock** features a hydraulic quill with 7.9" travel and built-in live center



- 6 **Fanuc OiTF Controller** with Manual Guide i, 10.4" LCD Monitor



Standard Features

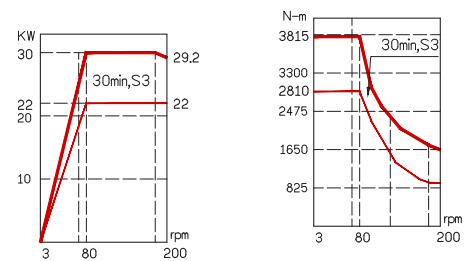
- Bore: 7.3", 10", or 14.7"
- Swing: 35"
- C.C.: 80" - 240"
- 30 HP / 40 HP (30min)
- V8 Hydraulic Front & H6 Servo Rear Turrets
- 10" Steady Rest
- 22" Bed Width
- Front & Rear Chuck Ready
- Rear Chip Conveyor
- Hydraulic & Manual Quill Movement
- Fanuc OiTF Controller with Manual Guide i, 10.4" LCD Monitor

Optional Accessories

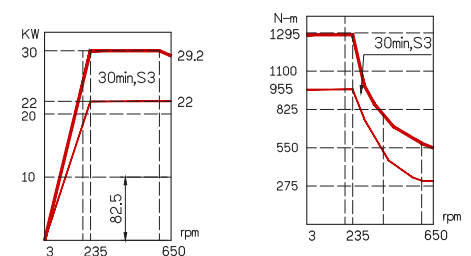
- V12 Live Tooling Turret
- Mechanical Spindle Indexing
- H4 Turret
- 15" Steady Rest
- Manual Follow Rest
- Variable Speed Threading

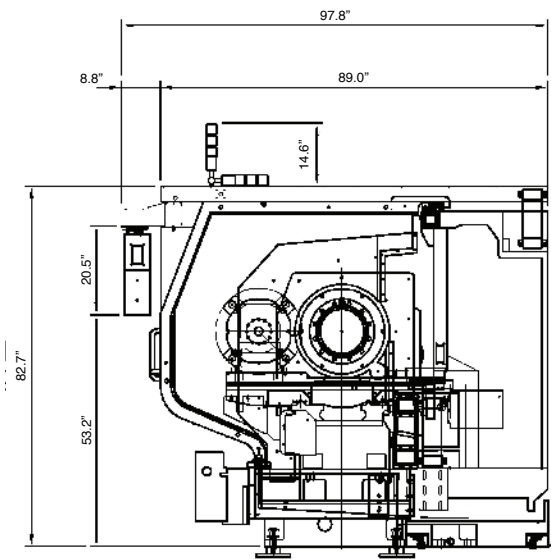
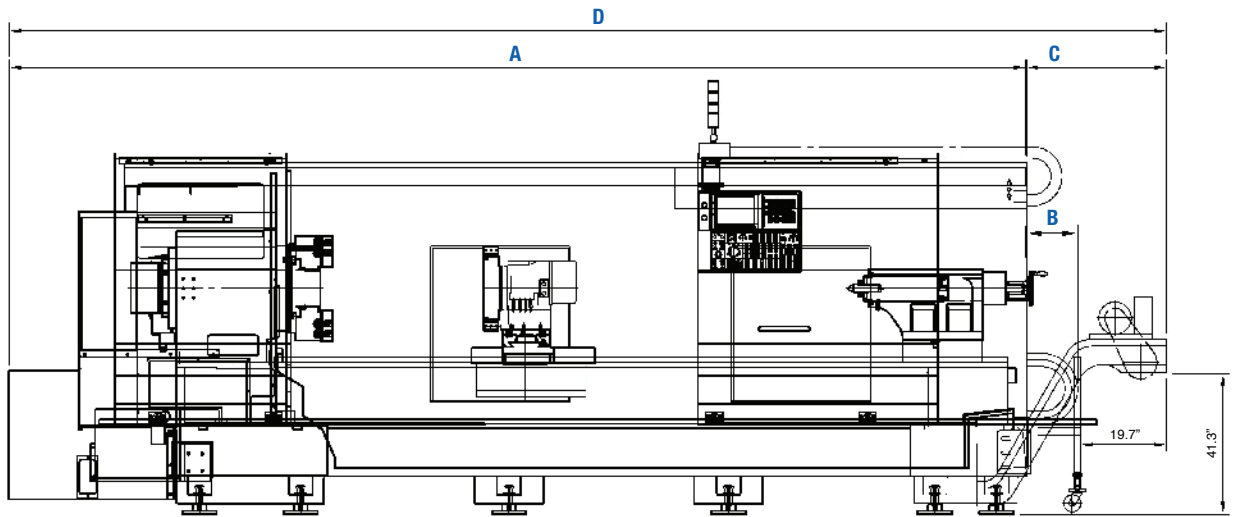
CL58B (10" Bore) Torque Charts

Low Gear



High Gear





	CL58A	CL58B
Capacity		
Swing Over Bed	35"	
Max. Cutting Diameter (2 Turrets)	17.9"	
Distance Between Centers	80" / 120" / 160" / 200" / 240"	
Maximum Cutting Length	76" / 120" / 160" / 200" / 240"	
Width of Bed	22"	
Headstock		
Spindle Bore	7.3"	10.1"
Spindle Motor	30 / 40 HP (30min)	
Type of Spindle Nose	A2-15	A2-15
Gear Box		
Number of Speed Ranges	2	
Spindle Speed (RPM)	3-1000	3 - 650
Turret	V8 Hydraulic & H6 Servo	
Traverse		
Max. Stroke X-Axis	20.5"	
Max. Stroke Z-Axis	76.8" / 126.8" / 164.2" / 211.0" / 242.7"	
Rapid Traverse X-Axis	394 in/min	
Rapid Travers Z-Axis	394 in/min	
Motor		
Servo Motor X-Axis	3.6 HP	
Servo Motor Z-Axis	5.4 HP	
Ball Screw		
X-Axis	Ø1.41", P6	
Z-Axis	Ø1.97" P8(80"), P12(120"), P16(160") - Ø2.48", P12(200")	
Tailstock		
Tailstock Quill Center	M.T. #5	
Tailstock Quill Diameter	Ø5.9"	
Tailstock Quill Travel	8.6"	
Dimensions		
Floor Space (L x W)	W: 98" L: 210" / 228" / 248" / 273" / 330"	
Machine Height	83"	
Weight		
Net Weight (lbs)	20,240 / 23,760 / 25,960 / 29,040 / 31,900	
Total Power Required	40 KVA (40 HP)	

	A	B	C	D
CL58 x 1000	146"	15"	49"	195"
CL58 x 1500	165"	15"	49"	215"
CL58 x 2000	185"	15"	49"	234"
CL58 x 3000	234"	7"	41"	275"
CL58 x 4000	273"	7"	49"	322"
CL58 x 5000	331"	17"	67"	398"
CL58 x 6000	362"	17"	67"	429"



Kingston Machine Tool

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