

# CL38

Dual Turret Performance



**KINGSTON**

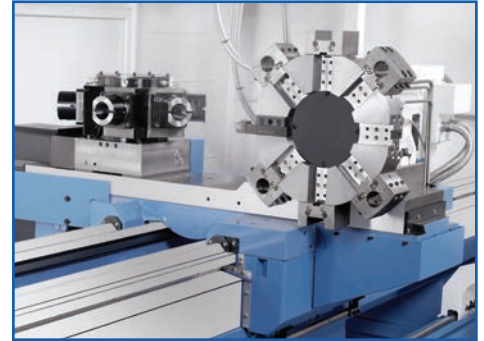
# CL38

## Dual Turret Performance

Kingston's versatile CL-38 model is designed for universal workpieces in a variety of industries, including energy, mining, textile, paper, and transportation. The CL-38 features 26" swing, a choice of 4.7" or 7.3" bore, and lengths from 40"-160." It is equipped with a powerful 30 HP spindle motor, an "all-in-one" tailstock with hydraulic quill for quick repositioning, and both V8 and H6 servo turrets with a maximum cutting diameter of 14.5" between turrets. This flexibility and ease of use make the CL-38 one of our most popular CNC models.

### Machine Highlights

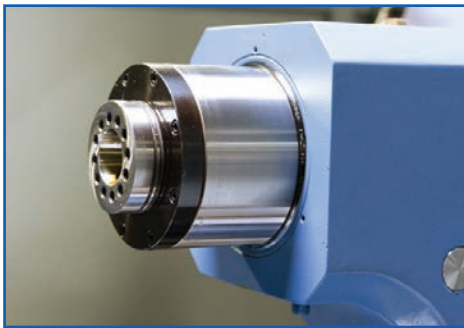
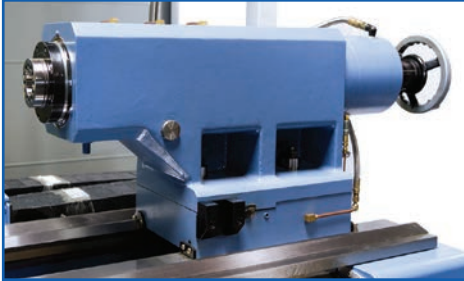
- 1 30 HP Spindle Motor
- 2 Spindle Bore: Choice of 4.7" or 7.3"
- 3 V8 Front & H6 Rear Servo Turrets



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



**5 All-in-One Tailstock** with hydraulic rotating quill and built-in center, 7.9" travel



**Standard Features**

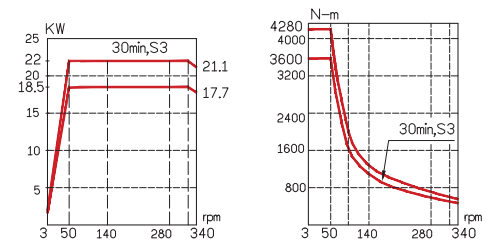
- Bore: 4.7" or 7.3"
- Swing: 26"
- C.C.: 40" – 160"
- 25 HP / 30 HP (30 min)
- V8 Front & H6 Rear Turrets
- 10" Steady Rest
- Hydraulic & Manual Quill Movement
- Rear Chuck Adaptor (7.3" Bore Only)
- Rear Chip Conveyor
- Fanuc OiTF Controller with Manual Guide i, 10.4" LCD Monitor

**Optional Accessories**

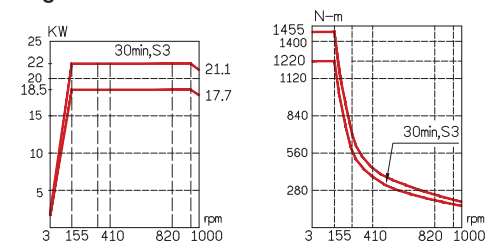
- V12 Live Tooling Turret
- Mechanical Spindle Indexing
- 15" Steady Rest
- Manual Follow Rest
- Rear Chuck Adapter for CL38A (4.7" bore)
- Variable Speed Threading

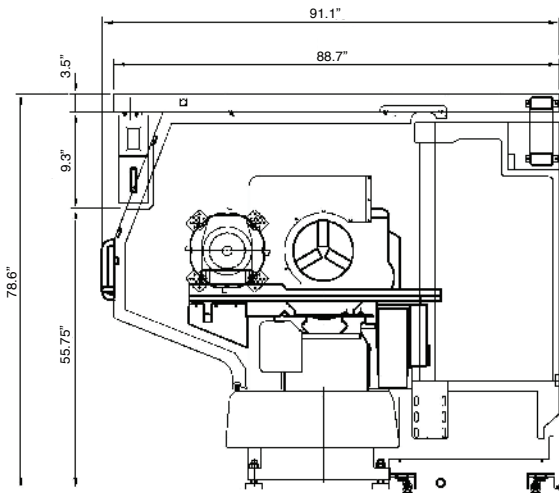
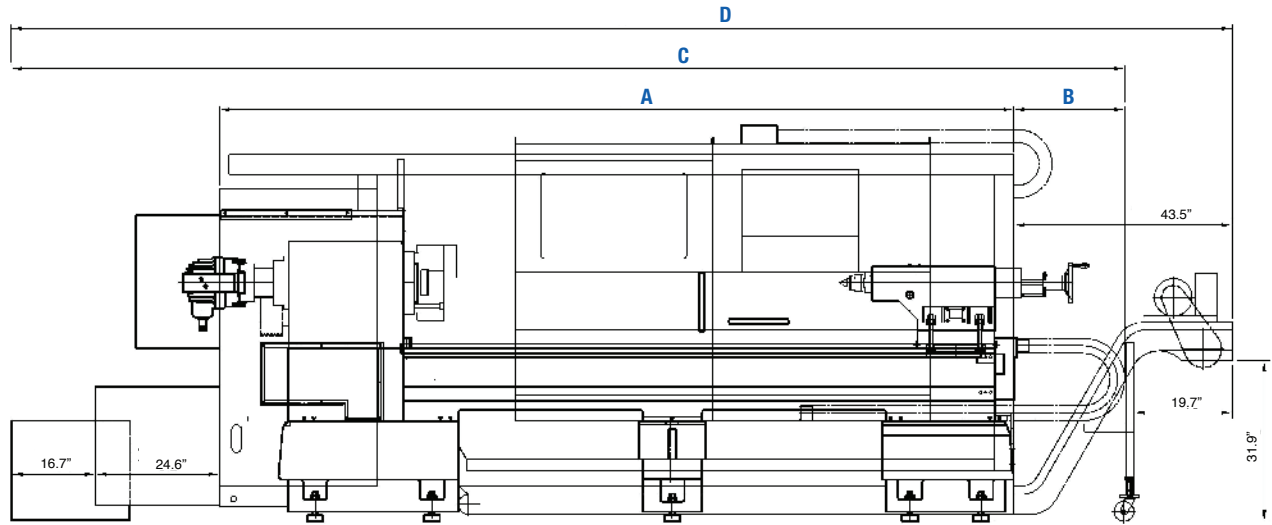
**CL38c (7.3" Bore) Torque Charts**

**Low Gear**



**High Gear**





	CL38A	CL38C
<b>Capacity</b>		
Swing Over Bed	26"	26"
Max. Cutting Diameter - Chucking	24"	24"
Max. Cutting Diameter - Universal	14.5"	14.5"
Distance Between Centers	40" / 60" / 80" / 120" / 160"	
Width of Bed	18"	18"
<b>Headstock</b>		
Spindle Bore	4.7"	7.3"
Spindle Motor	25 HP / 30 HP (30min)	25 HP / 30 HP (30min)
Type of Spindle Nose	A2-11	A2-15
<b>Gear Box</b>		
Number of Speed Ranges	2	2
Spindle Speed (RPM)	6-1600	3-1200
<b>Turret</b>	V8 & H6 Servo (Std)	
<b>Traverse</b>		
Max. Stroke X-Axis	21.26"	21.26"
Max. Stroke Z-Axis	37" / 59" / 76" / 120" / 160"	
Rapid Traverse X-Axis	394"/min	
Rapid Traverse Z-Axis	394"/min	
<b>Motor</b>		
Servo Motor X-Axis	4 HP	
Servo Motor Z-Axis	5.3 HP	
<b>Ball Screw</b>		
X-Axis	Ø1.41", P6	
Z-Axis	Ø1.97", P8 (80") / P12 (120") / P16 (160"); Ø2.48", P12 (200")	
<b>Tailstock</b>		
Tailstock Quill Center	M.T. #5	
Tailstock Quill Diameter	Ø5.9"	
Tailstock Quill Travel	7.9"	
Machine Height	77"	
<b>Dimension</b>		
Floor Space (L x W)	203" / 212" / 243" / 286" / 336" x 117"	
Machine Height	78.6"	
<b>Weight</b>		
Net Weight (lbs)	14,109 / 14,991 / 16,314 / 18,518 / 22,266	
<b>Total Power Required</b>	35 KVA	

	A	B	C	D
CL38 x 1000	120"	15"	176"	204"
CL38 x 1500	138"	15"	196"	223"
CL38 x 2000	158"	22"	221"	243"
CL38 x 3000	197"	19"	258"	282"
CL38 x 4000	245"	22"	308"	330"



**Kingston Machine Tool**

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