

CL38

Dual Turret Performance



KINGSTON

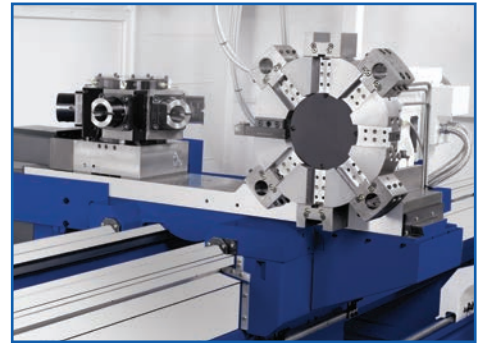
CL38

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

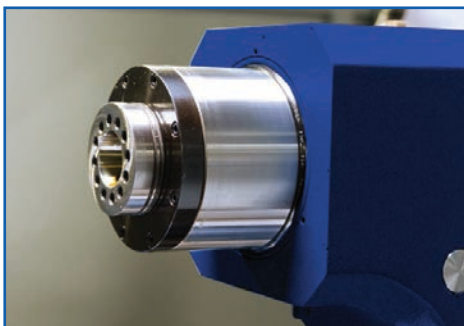
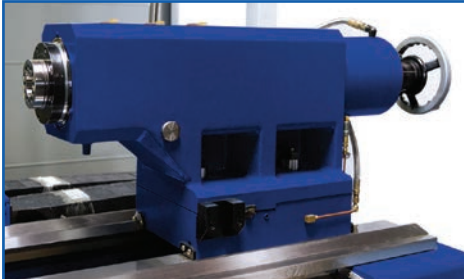
- 1 30 HP Spindle Motor
- 2 Spindle Bore: Choice of 4.7" or 7.3"
- 3 V8 Front & H6 Rear Servo Turrets



- 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

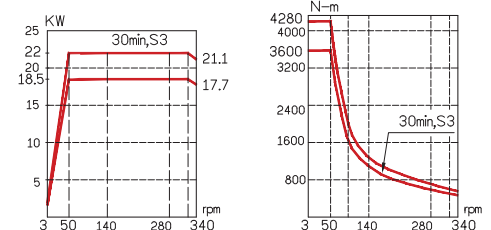
- Bore: 4.7" or 7.3"
- Swing: 26"
- C.C.: 40" – 160"
- 25 HP / 30 HP (30 min)
- V8 Front & H6 Rear Turrets
- 10" Steady Rest
- Hydraulic & Manual Quill Movement
- Rear Chuck Adaptor (7.3" Bore Only)
- Rear Chip Conveyor
- Fanuc OiTF Controller with Manual Guide i, 10.4" LCD Monitor

Optional Accessories

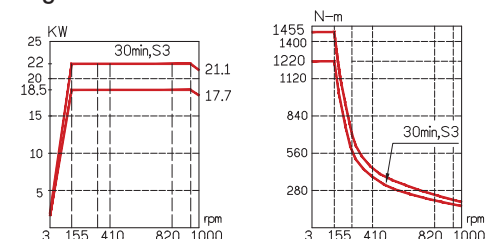
- Live Tooling Turret
- Mechanical Indexing Capability for Spindle (72 positions)
- Manual Follow Rest
- 15" Steady Rest
- Quick Change Tool Post

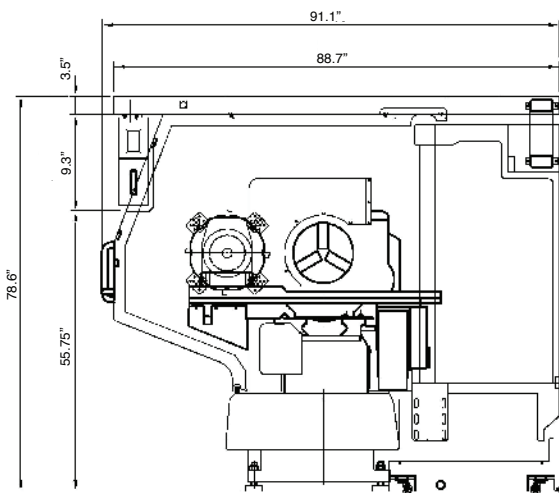
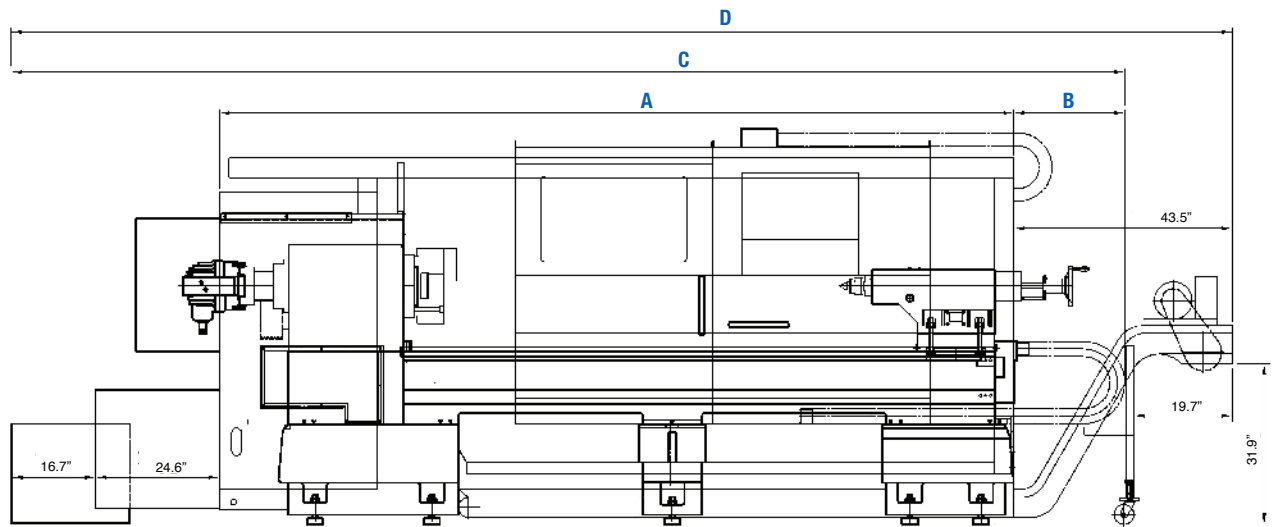
CL38c (7.3" Bore) Torque Charts

Low Gear



High Gear





Capacity

	CL38A	CL38C
Swing Over Bed	26"	
Max. Cutting Diameter - Chucking	24"	
Max. Cutting Diameter - Universal	14.5"	
Distance Between Centers	40" / 60" / 80" / 120" / 160"	
Maximum Cutting Length	40" / 60" / 80" / 120" / 160"	
Width of Bed	18"	

Headstock

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

Gear Box

Number of Speed Ranges	2	2
Spindle Speed	6-1600	3-120

Turret

V8 & H6 Servo (Std)

Traverse

Max. Stroke X-Axis	21.26"
Max. Stroke Z-Axis	37" / 59" / 76" / 120" / 160"
Rapid Traverse X-Axis	394"/min
Rapid Traverse Z-Axis	394"/min

Motor

Servo Motor X-Axis	4 HP
Servo Motor Z-Axis	5.3 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	7.9"
Machine Height	77"

Dimension

Floor Space (L x W)	203" / 212" / 243" / 286" / 336" x 117"
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Weight

Net Weight (lbs)	14,109 / 14,991 / 16,314 / 18,518 / 22,266
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Total Power Required

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

5421 Business Dr,
Huntington Beach, CA 92649
(714) 894-1648 | Fax (714) 897-2616
kingstonmachine.com

