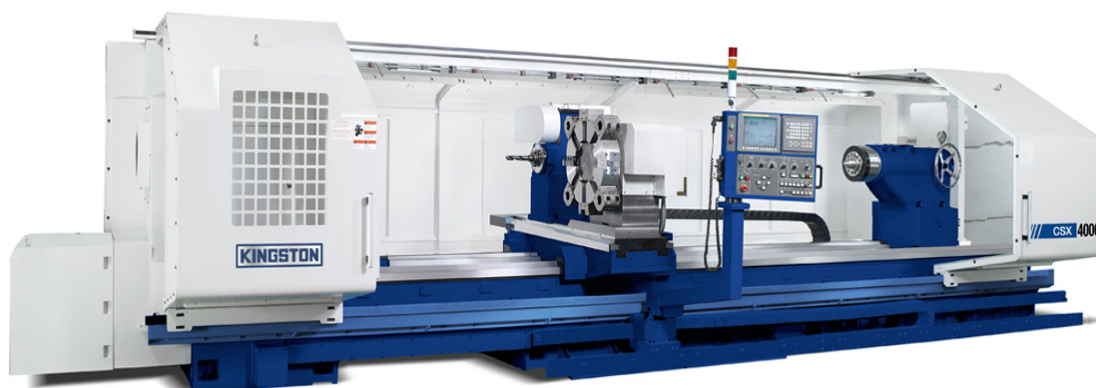


CSX Series

July 2024

59" Extra Large Swing CNC Flat Bed Lathe w/ 39" Bed Width & Fanuc 0iTF-Plus Controller



*Pictured: CSX x 4000 (59" x 160")

	C Type (7.1")	D Type (10.1")	E Type (14.7")	F Type (20.8")
CSX x 2000 (59" x 80")	\$349,000	\$367,500	\$420,900	\$567,000
CSX x 3000 (59" x 120")	\$371,000	\$389,500	\$442,900	\$589,500
CSX x 4000 (59" x 160")	\$399,000	\$417,500	\$470,900	\$617,500
CSX x 5000 (59" x 200")	\$435,000	\$453,500	\$506,900	\$653,000
CSX x 6000 (59" x 240")	\$487,500	\$506,000	\$559,500	\$705,900

*F.O.B. Huntington Beach, CA

Kingston's CSX is the largest and brawniest entry in its heavy-duty lineup, boasting an impressive 59" swing (35.4" over cross slide) for your largest work pieces – and a colossal 1-meter (39.4") bed width for maximal stability during the heaviest cutting. Spindle bore sizes up to 20.8" and lengths to 240" between centers – plus a powerful 60 HP motor – mean this machine can tackle virtually anything.



5421 Business Drive
Huntington Beach, CA 92649
714-894-1648 phone
714-897-2616 fax
sales@kingstonmachine.com
kingstonmachine.com

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STANDARD EQUIPMENT & ACCESSORIES

- 50 / 60 HP (30 min) Fanuc α 40i AC Spindle Motor, 220V (only), 3 Phase, 60 Cycle
- Fanuc 0iTF-Plus Controller with Manual Guide i & Threading Repair, 10.4" LCD Monitor
- Box Way Cross Slide and Carriage
- Front & Rear Chuck Ready Spindle
- Rear Spindle Safety Door
- V8 or H4 Hydraulic Turret (front)
- Coolant System w/ 6 Bar Pressure
- Water Spray Gun for Chip Cleanup
- 39.4" Bed Width
- Heavy-Duty Tailstock, MT#6 (Flat Spindle Nose), 26000 lb capacity
- Tailstock Movable by Engaging with Carriage
- Auto Lubrication System
- Two Doors and Full-Length Back Splash Guard
- Center Chip Conveyor (beneath bedway)
- Halogen Light
- Foundation Pads, Leveling Screws
- Tool Box & Tools
- Operation, Electric, Controller & Parts Manual

STANDARD TOOLING PACKAGE

Turret	V8		H4 (Opt.)	
Tool Center Height	1-1/4"		2"	
Wedge Block	8 Sets			
Facing Tool Holder	1-1/4"	2 pcs		
Radial Ext. Tool Holder	1-1/4"	2 pcs		
Boring Bar Holder	2"-1/2"	4 pcs	2-1/2"	2 pcs
Boring Bar Sleeve	2"	2 pcs	2"	2 pcs
	1-1/2"	2 pcs	1-1/2"	2 pcs
	1-1/4"	2 pcs	1-1/4"	2 pcs
	1"	2 pcs	1"	2 pcs
	3/4"	2 pcs	3/4"	2 pcs
	5/8"	2 pcs	5/8"	2 pcs
	1/2"	2 pcs		
Drilling Sleeve MT#3	2"-1/2"	1 pc	2"-1/2"	1 pc
Drilling Sleeve MT#4	2"-1/2"	1 pc	2"-1/2"	1 pc

Note: No credit allowed for deletion of individual tool sleeves in the standard tooling package.



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OPTIONAL ACCESSORIES

31.5" Steady Rest with Two Sets of Sleeves (17.7" ~ 25.7", 25.6" ~ 31.5")	\$22,300
Roller Bracket (24.4" – 41.3")	\$17,700
7" Boring Bar Support	\$11,000
4" Sleeve For 7" Boring Bar Support	\$ 3,800
Other Boring Bar Support Sizes + Sleeves	Upon Request
Custom Steady Rests	Upon Request
Fanuc Arbitrary Speed Threading + Thread Lead Teach: Spindle FWD	\$ 2,500
Fanuc Arbitrary Speed Threading + Thread Lead Teach: Spindle FWD + REV	\$ 3,000
74.7" Swing Over Bed Upgrade	Upon Request
82.6" Swing Over Bed Upgrade	Upon Request
90.4" Swing Over Bed Upgrade	Upon Request
98.3" Swing Over Bed Upgrade	Upon Request
Headstock Cooling Unit	\$ 2,800
Transformer 480V to 220V	\$ 7,900
Transformer with Voltage Regulator	\$12,700
Full Enclosure	Upon Request
Additional Chip Conveyor	Front Rear
80" C.C.	\$ 7,600 \$22,800
120" C.C.	\$ 8,700 \$25,300
160" C.C.	\$10,700 \$25,900
200" C.C.	\$11,500 \$29,500
240" C.C.	\$12,800 \$33,900

TURRET OPTIONS

Sauter BMT-85 V12 Live Tooling Turret + 2.5° Spindle Indexing	Upon Request
Rear-Mounted H4 Hydraulic Turret (HP-350) [Factory Install]	\$29,900
HP-350 H4 Hydraulic Turret in Front Position (No V8 Turret) [Factory Install]	\$ 8,000
Tool Holders for V8, V12 & H4 Turret	Upon Request

WORKHOLDING

50" 4-Jaw Independent Chuck w/ 2-pc Jaws (Taiwan Made)	\$ 31,500
Soft Jaw Set (4 Jaws) for 50" 4-jaw Chuck Above	\$ 2,250
40" 4-Jaw Independent Chuck w/ 2-pc Jaws (Taiwan Made)	\$ 25,000
24" 3-Jaw Hydraulic Chuck + System for 7.1" Bore (6.4" bar capacity)	\$ 39,500
24" 3-Jaw Hydraulic Chuck + System for 10.1" Bore (8.0" bar capacity)	\$ 45,500
Other Hydraulic, Air, & Manual Chucks	Upon Request

CSX Series

July 2024

GENERAL MACHINE SPECIFICATIONS

		<u>CSX 7</u>	<u>CSX 10</u>	<u>CSX 14</u>	<u>CSX 20</u>
Capacity	Swing Over Bed			59"	
	Swing Over Cross Slide			35.4"	
	Max Turning Diameter – 2 Turrets			29.5"	
	Distance Between Centers		80" / 120" / 160" / 200" / 240"		
	Width of Bed			39.4"	
Headstock	Spindle Bore	7.1"	10.0"	14.7"	20.8"
	Spindle motor		50 / 60 HP (30 min)		
	Type of Spindle Nose	A2-15	A2-15	A2-20	A2-28
Gear Box	Number of Speed Ranges	2	2	2	2
	Spindle Speed	6 – 650	6 – 650	4 – 450	2 – 300
Turret		V8 Hydraulic (Std), H4 or H6 (Opt)			
Traverse	Max. Stroke	X-Axis		28.9"	
		Z-Axis	82.5" / 121.8" / 161.2" / 200.6" / 240.0"		
	Rapid Traverse	X-Axis		236 in/min	
		Z-Axis		236 in/min	
Motor	Servo Motor	X-Axis		5.3 HP	
		Z-Axis		8.0 HP	
Ball Screw		X-Axis		Ø1.41", P6	
		Z-Axis		Ø2.48", P12	
Tailstock	Tailstock Quill (nose, taper, bearing)		A-1-8, M.T. # 6, 33024		
	Tailstock Quill Diameter		Ø9.4"		
	Tailstock Quill Travel		7.1"		
	Machine Height		91"		
Dimension	Floor Space	W: 151"	L: 305" / 344" / 384" / 423" / 470"		
	Weight of Machine (lbs)		31372 / 35442 / 39556 / 43670 / 47806		
	Total Power Required		100 KVA		

REMARKS:

- Price and specifications subject to change without notice.
- The machine will be guaranteed free from defective material and workmanship for a period of one (1) year under normal working conditions on a one-shift basis (8 hours daily), excluding misuse by customer.
- Electrics guaranteed for a period of one (1) year (parts only).
- Kingston's responsibility ceases upon delivery to carrier. All claims of loss & damage against carrier must be handled by purchaser.