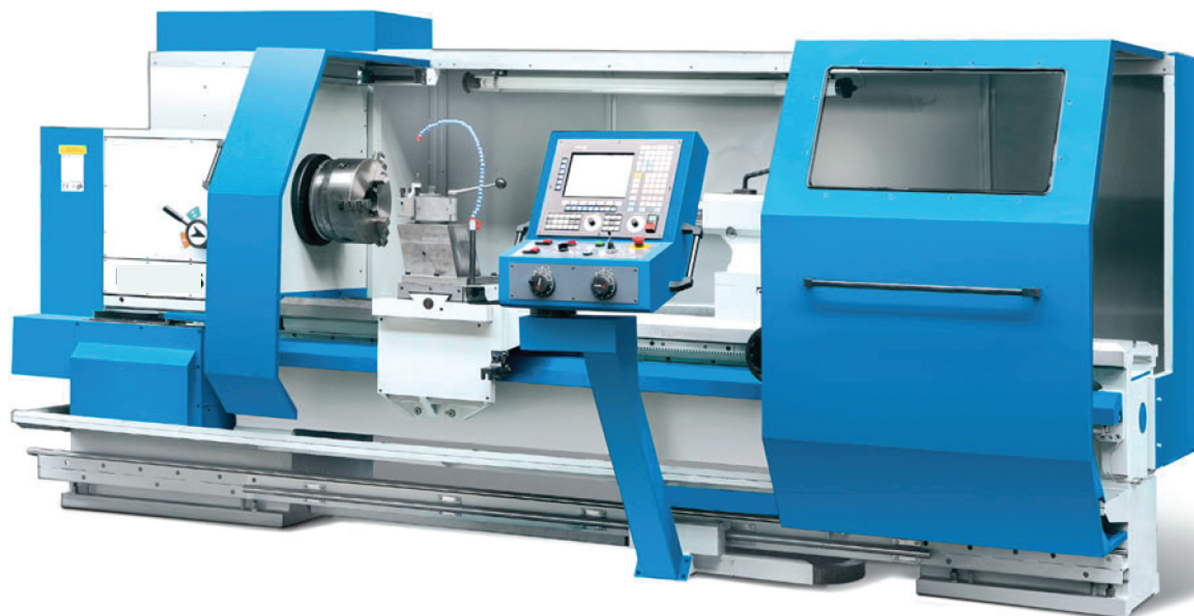




MACHINE TOOLS LTD



# UCNCLA LT660 CNC Lathe

		Unit	UCNCL LT660	UCNCL LT760
<b>Capacity</b>	Height of centres	mm	330	380
	Swing over bed	mm	660	760
	Swing over cross slide	mm	420	520
	Width of bed	mm	560	
	Distance between centres	mm	1400,1900,2900,3900,4900	
<b>Spindle</b>	Spindle nose DIN 55027	No	11	
	Front bearing diameter	mm	140	170
	Spindle bore	mm	103	132
	Spindle taper	Metric	120	140
<b>Travels &amp; Feeds</b>	Longitudinal feed (Z axis)	m/min	10(max)	
	Lateral feed (X axis)	m/min	10(max)	
	Rapid traverse (Z and X axis)	mm/min	10(max)	
	Cross slide maximum travel	mm	400	
<b>Ball Screw</b>	Z axis	mm	50x10	
	X axis	mm	32x5	
<b>Tailstock</b>	Quill diameter	mm	105	
	Quill travel	mm	225	
	Quill internal taper	Morse	6	
<b>Drives</b>	Main drive power	kW	15kW	
	Z axis servo drive power	Nm	18 (3.77kW)	
	X axis servo drive power	Nm	11 (2.29kW)	
	Spindle maximum torque	Nm	2250	
	Z axis tow strength	daN	1500	
	X axis tow strength	daN	1050	
	Speed ranges		Manual	
	I-Range	min <sup>-1</sup>	9-55	7-42
	II-Range	min <sup>-1</sup>	37-220	28-170
	III-Range	min <sup>-1</sup>	220-1320	165-1015
<b>Tool Holder</b>	Quick Change Type		MC	
<b>CNC System</b>			Siemens	
<b>Weight</b>	For DBC 3000mm	kg	5300	5600

CNC system, main drive and servo drive available also: Heidenhain, Fanuc, Fagor

## Standard Accessories:

- > Spindle Bore
- > Electro Dynamic Brake
- > Spindle Nose
- > Cabinet with Control Panel
- > Coolant System with Pump
- > Low-voltage Machine Lamp
- > Four-way Rapid Traverse Device
- > Machine Bed Gap
- > Back Plate For Chuck
- > Leadscrew and Shaft Protection
- > Full Length Rear Splash Guard
- > Splash Guard For The Chuck
- > Toolholder Guard
- > "V" Belts
- > Change Gear Wheels
- > Levelling Bolts and Plates (Shims)
- > Foundation Anchoring Bolts
- > Spindle Dead Centre
- > Spindle Adapter Sleeve
- > Four Position Tool Post with Key
- > One-position Longitudinal Stop
- > Quick Release Tailstock
- > Equipment Box
- > Operation Manual

## Optional Accessories:

- > 3 Jaw Self Centering Chuck
- > 4 Jaw Independent Chuck - 500mm
- > 4 Jaw Independent Chuck Camlock
- > Faceplate without Jaws
- > Follower Rest (Travelling Steady)
- > Steady Rest (Fixed Steady)
- > Rolling Quills

LATHES



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