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**LAING LIH MACHINE CO., LTD.**



**NC DRILLING MACHINE**  
**CNC DRILLING- MILLING- TAPPING MACHINE**

# KTK

## NC Drilling Machine



Model		NCL-16
Max.Drilling Capacity		13mm
Spindle Taper		MT2
Spindle Vertical Stroke		200mm
Spindle Speed (option)	3-speed	710-1450-2860 rpm
	6-speed (H)	710-1450-2860 rpm
	(L)	355-725-1430 rpm
Spindle to Column		185mm
Column Diameter		130x140x800mm
Metal Working Table		630x800x750mm
Cooling Equipment		0.125kw
Spindle to Table		320-520mm
Motor Power		0.75kw
(option) 2-speed		0.375 / 0.75kw
Overall Height		1750mm
Weight		220kgs

Model		NCL-25
Max.Drilling Capacity		20mm
Spindle Taper		MT3
Spindle Vertical Stroke		300mm
Spindle Speed (option)	3-speed	510-1220-2000 rpm
	6-speed (H)	510-1220-2000 rpm
	(L)	255-610-1000 rpm
Spindle to Column		250mm
Column Diameter		180x200x950mm
Metal Working Table		840x980x750mm
Cooling Equipment		0.125kw
Spindle to Table		250-550mm
Motor Power		1.5kw
(option) 2-speed		0.75 / 1.5kw
Overall Height		1950mm
Weight		350kgs



# KTK

## NC Drilling Machine



Model		NC-1600
Max.Drilling Capacity		13mm
Spindle Taper		MT2
Spindle Vertical Stroke		120mm
Spindle Speed (option)	4-speed	550-880-1340-1910 rpm
	8-speed (H)	550-880-1340-1910 rpm
	(L)	275-440-670-955 rpm
Spindle to Column		180mm
Column Diameter		80mm
Metal Working Table		630x800x750mm
Cooling Equipment		0.125kw
Spindle to Table		200-550mm
Motor Power		0.75kw
(option) 2-speed		0.375 / 0.75kw
Overall Height		1850mm
Weight		230kgs

Model		NC-1600A
Max.Drilling Capacity		13mm
Spindle Taper		MT2
Spindle Vertical Stroke		120mm
Spindle Speed (option)	4-speed	550-880-1340-1910 rpm
	8-speed (H)	550-880-1340-1910 rpm
	(L)	225-440-670-955 rpm
Spindle to Column		180mm
Column Diameter		80mm
Table Diameter		320mm / 300x300mm
Spindle to Table		200-570mm
Base Diameter		340x500mm
Motor Power		0.75kw
(option) 2-speed		0.375 / 0.75kw
Overall Height		1150mm
Weight		120kgs



## NC Gang Drilling & Tapping Machine

Model	NC-GDT-10		NC-GDT-16	
	Drilling	Tapping	Drilling	Tapping
Max. Capacity	16mm	M8	25mm	M16
Spindle Taper	JT6/ER20	JT2	MT3/ER25	MT3
Spindle Stroke	200mm	45mm	300mm	60mm
Spindle Speed (rpm)	710-1450 2860	500-900 1600	510-1220 2000	190-340 620
Spindle to Column	185mm	185mm	250mm	250mm
Column Diameter	130x140mm	130x140mm	180x200mm	180x200mm
Spindle Motor	1HP 3-Phase	1HP 3-Phase	2HP 3-Phase	2HP 3-Phase
Spindle Feed	0.75kw servo motor	Pitch Gear	1.5kw servo motor	Pitch Gear
Spindle to Table	210-390mm 145-325mm		155-435mm	115-395mm
Slide Base	300 x 880mm		300 x 880mm	
Slide Saddle	300 x 450mm		300 x 450mm	
Slide Stroke	550mm		550mm	
T-Slot	M12S		M12S	
Slide Table Motor	0.75kw servo motor		0.75kw servo motor	
Loading Weight	150kgs		150kgs	
Cooling Motor	0.125kw		0.125kw	
Machine Dimension	1300 x 950 x 1900mm		1300 x 950 x 2000mm	
Weight	400kgs		550kgs	



## CNC Drilling - Milling Machine

Model	CNC-MPS45GEV
Max. Drilling Capacity	40mm
Spindle Taper	MT4
Spindle Stroke	120mm
Spindle Speed (H) (L)	2-Speed Gear Box Inverter Variable Speed 430-1720 rpm 70-280 rpm
Spindle to Column	325mm
Column Diameter	Square
Table Diameter	260-890mm
Table Travel	X-axis: 440mm Y-axis: 200mm Z-axis: 480mm
Spindle to Table	Z-axis: 170-650mm
Base Diameter	560 x 895mm
Motor Power	2.25kw
Overall Height	2070mm
Weight	850kgs



Model	CNC-DB-40EV
Max. Milling Capacity	25mm
Max. Drilling Capacity	75mm
Spindle Taper	BT40
X/Y/Z Axis Travel	X-axis: 300mm Y-axis: 300mm Z-axis: 280mm
Spindle Speed	4-Pole H-speed: 860-2800rpm L-speed: 430-1400rpm
	8-Pole H-speed: 430-1400rpm L-speed: 215-700rpm
Spindle T table	150-450mm
Spindle Motor	1.5HP 4P/8P
CNC System	SYNTEC
X Axis Servo Motor	0.75kw
Y Axis Servo Motor	0.75kw
Z Axis Servo Motor	0.75kw with 1:3 Gear Reducer
Slide Base	X-axis: 350 x 360mm Y-axis: 305 x 630mm
Slide Saddle	300 x 450mm
Loading Weight	100kgs
T-Slot	M12S
Cooling Motor	1/8 HP
Machine Dimension	1400 x 1200 x 2000mm
Weight	1100kgs

## CNC Gantry Drilling - Milling - Tapping Machine

Model	CNC-GNT-40EV
Table Working Area	1200 x 450mm
Max. Drilling Capacity	25mm
Max. Milling Capacity	100mm
Max. Tapping Capacity	M16
Loading Capacity	200kgs
Spindle Taper	BT40
X/Y/Z Axis Travel	X-axis:1150mm Y-axis:+240/-210mm Z-axis: 250mm
Gantry Size	Width:750mm Height:285mm
Spindle T table	200-450mm
Max. Spindle Speed	3000rpm
Max. Moving Speed	X-axis: 10000mm/min. Yaxis: 5000mm/min. Z-axis: 8000mm/min.
CNC System	SYNTEC
Spindle Servo Motor	3.75kw
X-Axis Servo Motor	0.75kw with 1:3 gear Reducer
Y-Axis Servo Motor	0.75kw
Z-Axis Servo Motor	0.75kw with 1:3 gear Reducer
T-slot	M12S
Tool Setting	Umbrella Tool Magazine (6pcs tool)
Cooling Motor	1/4 HP
Machine Dimension	2550 x 1000 x 2150mm
Weight	2200kgs



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## **NC Drilling Unit**

### **NC-4150H**

Capacity: 6mm  
Spindle Stroke: 130mm  
Spindle Taper: JT2 / ER16  
Spindle Speed: 3000-4000-5000  
Spindle Motor: 0.75kw  
Ball Screw Motor: 0.4kw  
Weight :30kgs



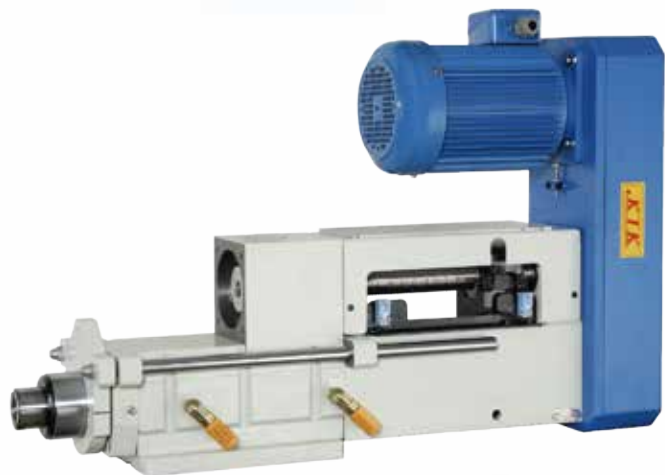
### **NC-5100H**

Capacity: 10mm  
Spindle Stroke: 80mm  
Spindle Taper: JT6 / ER20  
Spindle Speed: 1000-2000-3000  
Spindle Motor: 0.75kw  
Ball Screw Motor: 0.75kw  
Weight :46kgs



### **NC-6150H**

Capacity: 16mm  
Spindle Stroke: 130mm  
Spindle Taper: MT2 / ER25  
Spindle Speed: 1000-1500-2000  
Spindle Motor: 1.5kw  
Ball Screw Motor: 750w  
Weight :79kgs



# **KTK**

## **NC Drilling Unit**

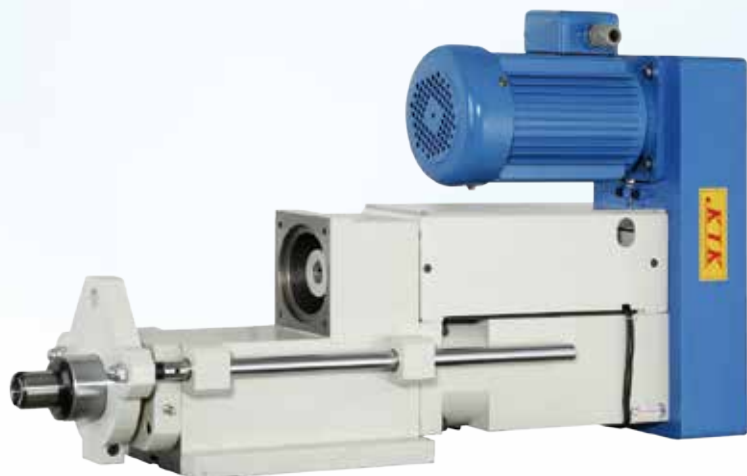
### **NC-7200H**

Capacity: 20mm  
Spindle Stroke: 180mm  
Spindle Taper: MT3 / ER32  
Spindle Speed: 1-speed  
Range: 500-1500  
Spindle Motor: 1.5kw  
Ball Screw Motor: 1.5kw  
Weight :128kgs



### **NC-9200H**

Capacity: 35mm  
Spindle Stroke: 130mm  
Spindle Taper: MT4 / ER40  
Spindle Speed: 1-speed  
Range: 500-1500  
Spindle Motor: 2.25kw  
Ball Screw Motor: 1.5kw  
Weight :150kgs







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