



**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<br>(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<br>(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            |



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## NC Drilling Machine



| Model                     |             | NC-1600               |
|---------------------------|-------------|-----------------------|
| Max.Drilling Capacity     |             | 13mm                  |
| Spindle Taper             |             | MT2                   |
| Spindle Vertical Stroke   |             | 120mm                 |
| Spindle Speed<br>(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<br>(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          |             | 0375 / 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<br>2860    | 500-900<br>1600 | 510-1220<br>2000    | 190-340<br>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<br>(H)<br>(L) | 2-Speed Gear Box<br>Inverter Variable Speed<br>430-1720 rpm<br>70-280 rpm |
| Spindle to Column           | 325mm                                                                     |
| Column Diameter             | Square                                                                    |
| Table Diameter              | 260-890mm                                                                 |
| Table Travel                | X-axis: 440mm Y-axis: 200mm<br>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<br>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<br>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.<br>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           | Unbrella 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



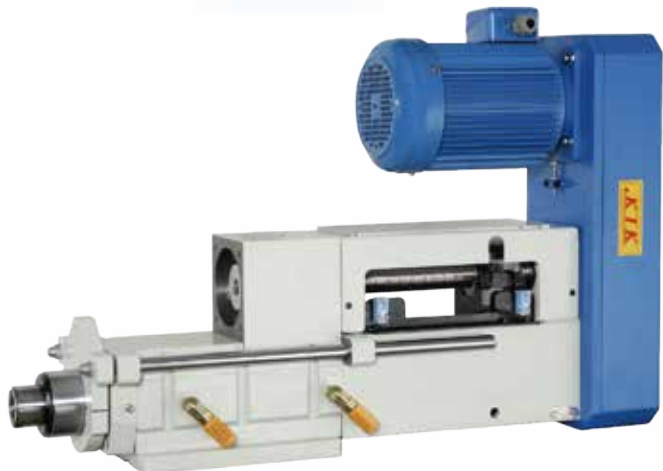
### **NC-5100H**

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



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## **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

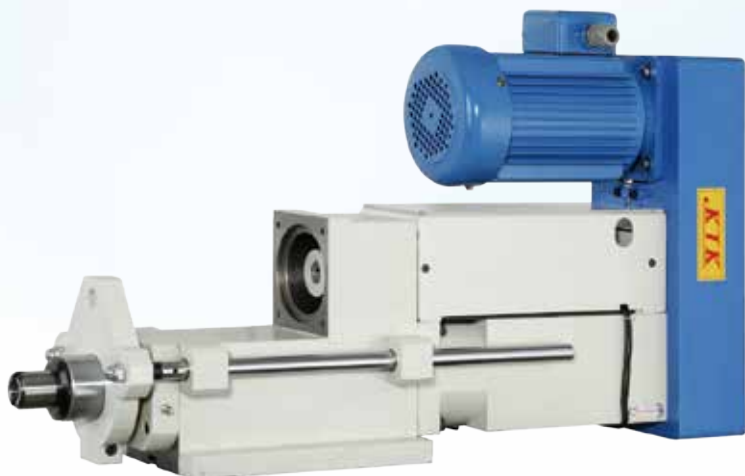
Spindle Speed: 1-speed

Range: 500-1500

Spindle Motor: 2.25kw

Ball Screw Motor: 1.5kw

Weight :150kgs





***KTK***

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***All Note, All The Time.***

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