

## WELE LB-321





Macchine Utensili S.r.l.

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**Type:** Vertical machining center Gantry

**Brand:** WELE

**Model:** LB-321

**Year:** 2020

**C.N.C.:** HEIDENHAIN ITNC 530

**Serial number:** 20544

**Specifications:**

Rigid tapping and helical interpolation, Gear-driven spindle head, High-pressure system: 20 bar, Column extension: 200 mm, Full enclosure, optical scales on X, Y, Z axes, Belt-type chip conveyor, Air through the spindle.

90° orthogonal head for 5-face machining, Automatic tool change in vertical position, Horizontal speed: 2400 rpm, Automatic indexing every 5°, With high-pressure coolant through the head, 3D software

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## Technical information

### TABLE

Table dimensions: 3000x2000 mm  
T-slot/pitch size: 28x200x10 mm  
Max weight allowed: 12000 kg

### CAPACITY

Longitudinal X-travel: 3060 mm  
Cross Y-travel: 2150 mm  
Vertical Z-travel: 800 mm

### SPINDLE

Spindle nose: BT50 ISO  
Spindle speed: 10-6000 rpm.  
Motor power: 22-26 Kw

### ADVANCES

Rapid X,Y,Z axis: 24000/24000/20000 mm/min

### TOOL WAREHOUSE

Tool Stations: 32 no.

### SPECIFIC PROPERTIES

Distance between table surface and spindle nose: 400 – 1200 mm

Distance between columns: 2300 mm

Positioning accuracy:  $\pm 0.005$  mm

Repeatability:  $\pm 0.003$  mm

Machine dimensions: 8365 × 4550 × 4350 mm

Machine weight: 33,000 kg











