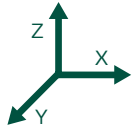
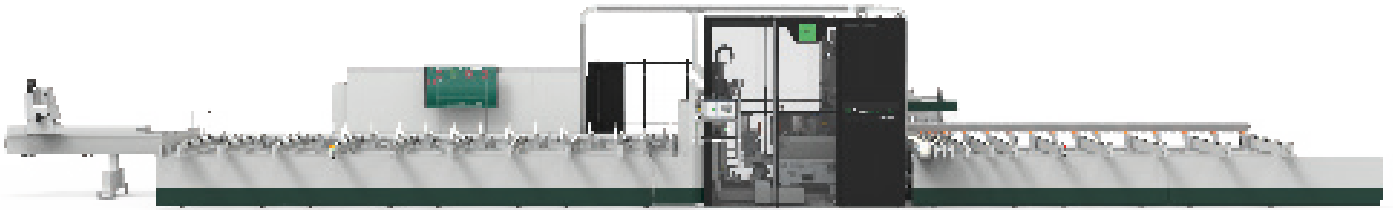


# LMX 2 650



✓ = standard    ○ = optional

## TECHNICAL FEATURES

### LOADING MAGAZINE

- Minimum transportable profile length
- Maximum transportable profile length
- Loading capacity
- Independently lowerable rollers for solid profiles

1500 mm

7500 mm

9 bars

○

### BAR FEEDER AND PROFILE PICK-UP SYSTEM

- Miniaturised gripper
- Automatic, controlled positioning on 4 axes
- Max. rapid speed
- X PUSH for loading of profile packs and solid profiles

✓

✓

125 m/min

○ FOM PATENT

### MULTI-SPINDLE MACHINING UNIT

- Max. no. of electrospindles housed
- V (vertical) axis travel
- C (transversal) axis travel
- Maximum working capacity
- Minimum lubrication with pure oil
- Sensor for tool integrity control

18

430 mm

800 mm

300 mm x 300 mm

✓

○

### AVAILABLE ELECTROSPINDLES

- 4.5kW/22,000 rpm HSK-C40 standard electrospindles
- 4.5 kW/22,000 rpm HSK-C40 tilting electrospindles with pneumatically driven or controlled rotation with positioning between 0° and 45°
- 4 kW/17,000 rpm HSK-C40 synchronous electrospindles

### X-MODULE: CUTTING UNIT

- Tungsten carbide blade Ø 650
- Downfeed cutting
- Driven by 4 controlled axes (x, y, z and rotation A)
- Cutting head with infinite 360° blade rotation
- Controlled vice unit at outfeed
- Motorised and controlled gripper for extracting the piece
- Blade motor 7.5 kW

✓

✓

✓

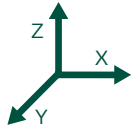
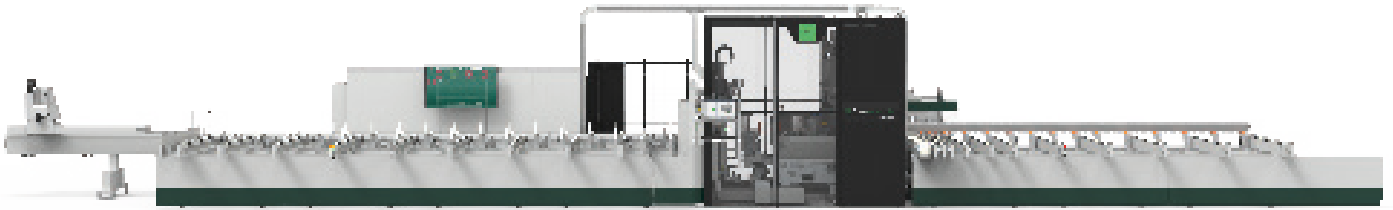
✓

✓

✓

✓

# LMX 2 650



✓ = standard    ○ = optional

## TECHNICAL FEATURES

- Blade speed adjustment using inverter ----- ✓
- Minimum lubrication with pure oil ----- ✓

### FU 500: machining unit with 5 controlled axes

- 22 kW HSK63E electrospindle ----- ✓
- Automatic 32 location chain type tool magazine ----- ✓
- Blade magazine ----- ✓
- Tungsten carbide blade Ø 500 ----- ✓
- Pyramid cut ----- ✓

### UNLOADING MAGAZINE

- Minimum unloadable length for 90° cuts ----- 40 mm
- Maximum unloadable length (according to the version) ----- 2500 mm, 4500 mm or 7000 mm
- Profile compacting function ----- ✓
- Useful depth of storage ----- 2500 mm
- Accumulator full and profile present detector with photocell ----- ✓
- Profile anti-drop safety device using safety micro and mechanical stop ----- ✓
- X PULL to decrease supervised working times ----- ○ FOM PATENT

### LINE OPTIONAL

- Unstable profile support with controlled positioning in Y and Z ----- ○
- Overturning units ----- ○
- X LAB label printer with automatic application ----- ○ FOM PATENT
- 55" LCD screen ----- ○

### CONTROLLO E SOFTWARE

- FST LINE versione 4.0 ----- ✓
- Schermo 24" ----- ✓
- Logo FOM luminoso indicante lo stato macchina ----- ✓
- Lola Ready ----- ✓