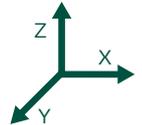


LMX 650



✓ = standard ○ = optional



TECHNICAL FEATURES

LOADING MAGAZINE

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

1000 mm

7500 mm

9 bars

○

BAR FEEDER AND PROFILE PICK-UP SYSTEM

- Miniaturised gripper
- Automatic controlled positioning on 4 axes
- Maximum speed in rapid mode

✓

✓

125 m/min

MULTISPINDLE MACHINING UNIT

- Max No. electrospindles housed
- Electrospindle power rating
- Tool coupling
- V axis travel (vertical)
- C axis travel (transversal)
- Maximum working capacity
- Minimum quantity lubrication (MQL) with pure oil
- Sensor for tool integrity control

18

3,3 kW at 18.000 rpm

HSK-C40

430 mm

800 mm

300 mm x 300 mm

✓

○

AVAILABLE ELECTROSPINDLES

- 3.3 kW HSK-C40 tilting electrospindles with pneumatic or controlled drive rotation with positioning between 0° and 45°
- HSK-C40 4 kW/17,000 rpm synchronous electrospindles

X-MODULE: CUTTING UNIT

- Tungsten carbide saw blade Ø 650
- Downward cut
- Drive with 4 controlled axes (x,y,z and rot. A)
- Cutting head with 360° infinite blade rotation
- Controlled vice unit both at infeed and outfeed
- Motorised and controlled gripper for extracting the piece
- Motor 7,5 kW

✓

✓

✓

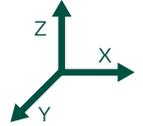
✓

✓

✓

✓

LMX 650



✓ = standard ○ = optional

TECHNICAL FEATURES

- Blade speed control by an inverter
- Minimum quantity lubrication (MQL) with pure oil



XMU X Milling Unit [○]

- Electrospindle
- Automatic tool change
- 3 location tool magazine
- C axis for XMU electrospindle unit
- 90° angular head
- 45° angular head (Ø 300 mm blade excluded)
- End-milling cutter set (to drawing)

16kW HSK63E
○
○
○
○
○
○

UNLOADING MAGAZINE

- Minimum unloadable bar length
- Maximum unloadable bar length (according to the version)
- Profile compacting function
- Useful storage depth
- Complete storage unit and profile presence detection by photocell
- Profile anti-drop safety device by safety micro

40 mm
2500 mm, 4500 mm or 7000 mm
✓
2500 mm
✓
✓

SYSTEM OPTIONALS

- Supports for instable profiles with controlled positioning in Y and Z
- Overturning units
- X LAB label printer with automatic application
- 55" LCD display



CONTROL AND SOFTWARE

- FST LINE 4.0 version
- 23" display
- Luminous FOM Logo indicating machine status
- Lola Ready

