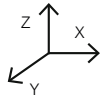
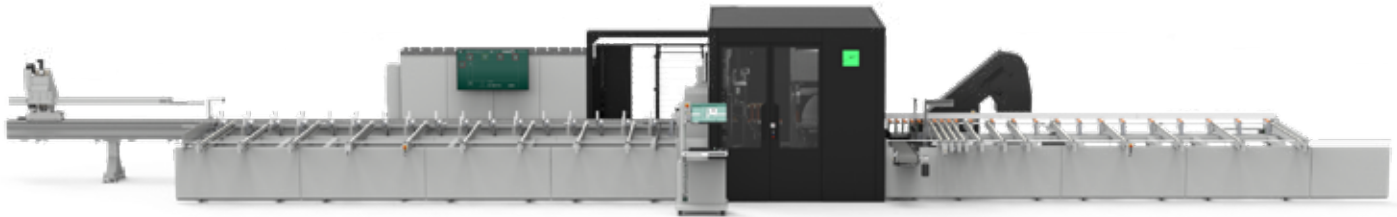


LMT 650



Throughfeed machining and cutting centre with front blade Ø 650 mm



✓ = standard

○ = optional

Technical specifications

Loading magazine

Minimum transportable profile length	1 000 mm
Maximum transportable profile length	7 500 mm
Loading capacity (according to the version)	9 / 13 bars
55" monitor	✓

Bar feeder and profile pick-up system

Bar length measuring device	✓
Miniaturised gripper	✓
Automatic controlled positioning on 4 axes	✓
Maximum rapid speed	125 m/min
90° workpiece tilting device	✓

Multispindle machining unit

Max No. electrospindles housed	18
Maximum working capacity	250 mm x 200 mm
Minimum quantity lubrication (MQL) with pure oil	✓
Sensor for tool integrity control	✓
Vertically controlled vice unit at both infeed and outfeed	2 + 2
Longitudinally controlled movable vices	○



Technical specifications

Available electrospindles

4,5 kW / 24 000 rpm HSK C40

4,5 kW / 24 000 rpm HSK C40 tilting electrospindle with controlled drive rotation with continuous positioning between 0 and 50°

4 kW / 17 000 rpm HSK C40 ssynchronous electrospindle for special mechanical machining and tapping

4 kW / 17 000 rpm HSK C40 synchronous tilting electrospindle for special mechanical machining and tapping, with controlled drive rotation with continuous positioning between 0 and 50°

Cutting unit

Tungsten carbide saw blade Ø 650	✓
Front cutting	✓
Blade angle control for intermediate angles of from 20° to 160°	✓
2 horizontal vices with controlled positioning (longitudinal and vertical)	✓
2 vertical vices with controlled positioning (longitudinal and transverse)	✓
Blade feed drive with electronically controlled speed and position	✓
7,5 kW blade motor	✓
Blade rotation speed controlled by inverter	✓
Minimum quantity lubrication (MQL) with pure oil	✓

Unloading magazine

Minimum unloading length onto belt storage unit	250 mm
Maximum unloading length (depending on the version)	4 500 mm or 6 500 mm
Profile compacting function	✓
Useful storage depth	2 500 mm
Short-piece unloading conveyor for pieces up to 140 mm	✓
Automatic blowers for cleaning the workpieces	✓
Chip conveyors for the cutting unit	✓
Short-piece unloading conveyors for pieces up to 40 mm	○
Two-way unloading storage unit	○



LMT 650



Throughfeed machining and cutting centre with front blade Ø 650 mm

✓ = standard

○ = optional

Technical specifications

System optionals

Supports for instable profiles with controlled positioning in Y and Z	○
Automatic / manual label printer	○
Bar code reader	○
Fume extractor	○

Control and software

FSTLine4	✓
24" touch screen	✓

