

AUTOMATIC LINES

LMX2 650

Machining and cutting line consisting of multispindle, machining and cutting unit with 5 controlled axes and cutting unit with Ø 650 blade and bar passage 300x300 mm

The processing unit tooled up with max 18 electrospindles and the cutting unit with infinite 360° blade rotation produce a continuous flow of processed and cut to measure elements. Equipped as standard with the additional FU 500 machining unit, which offers the flexibility of the 5 controlled axes to carry out any type of machining operation (milling, end machining, tapping, pyramid cuts with front blade advance). The vice surfaces are equipped with blowers to clean away any chips. The high visibility cabin and the presence of the luminous FOM logo indicating the machine status are a feature of the system's futuristic design. 6 different variants are available, which can be configured in terms of length of material loading/unloading magazines and right or left material feed direction.



LMX 650

Machining and cutting line with frontal blade Ø650 mm and bar passage 300x300 mm

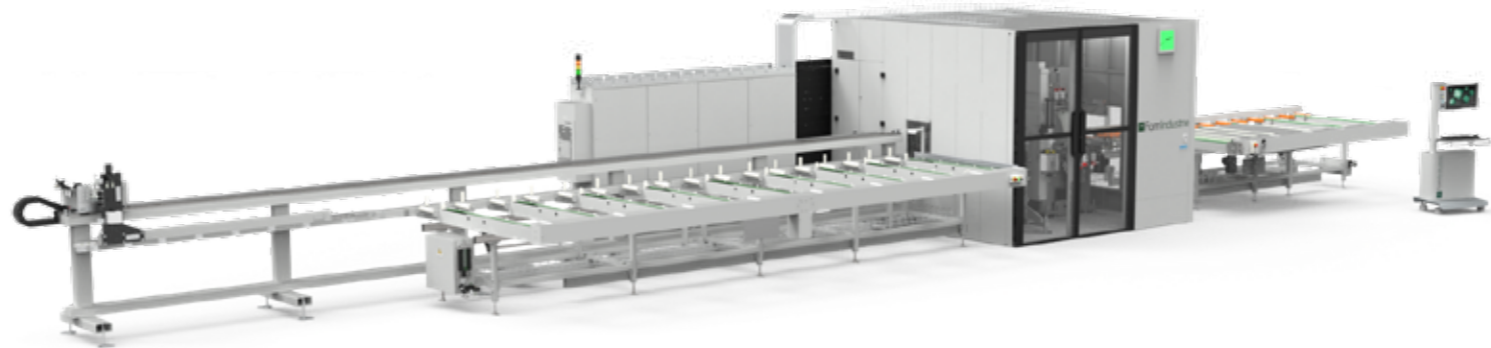
The machining unit tooled up with max 18 electrospindles and the cutting unit with infinite 360° blade rotation produce a continuous flow of processed and cut to measure elements. The additional machining module XMU carries out end milling (with blade, mill or mill units), head boring, tapping and milling, as well as 45° and 135° inclined cuts, guaranteeing maximum flexibility for numerous applications. 6 different variants are available, which can be configured in terms of length of material loading/unloading magazines and feed direction.



LMT 65

Machining and cutting line with frontal Ø650 mm blade and bar passage 250x200 mm

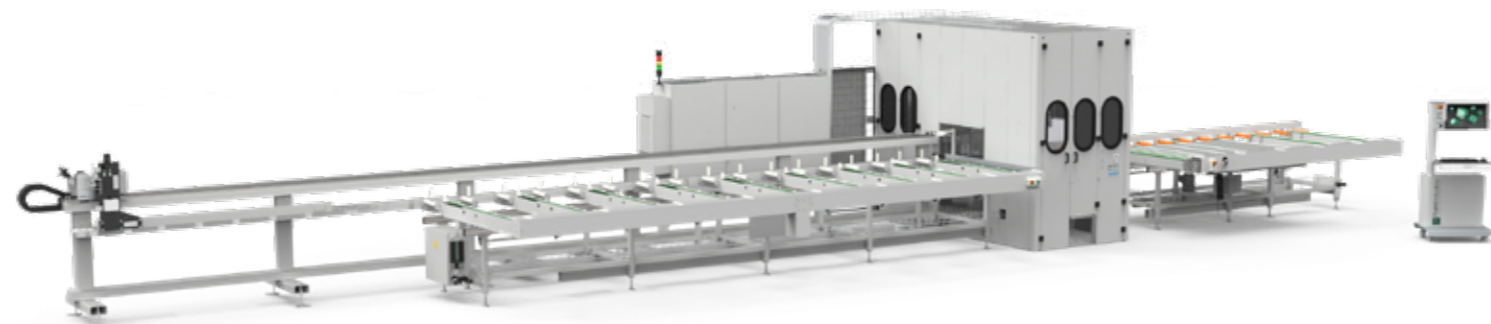
The machining unit tooled up with max 16 electrospindles and the cutting unit with 20° to 160° controlled blade tilt produce a continuous flow of machined and cut to measure elements. 20 different variants are available, which can be configured in terms of depth and length of material loading/unloading magazines and right or left feed direction.



LT 65

Cutting line with frontal blade Ø650 mm

The system, which is fully commanded by a numerical control, produces cut to measure elements by means of a bar feeder and a sawing machine with frontal blade exit. 20 different variants are available, which can be configured in terms of depth and length of material loading/unloading magazines and right or left feed direction.



LT 500

Cutting line with frontal blade Ø500 mm

The system, which is fully commanded by a numerical control, produces cut to measure elements by means of a bar feeder and a sawing machine with frontal blade exit. 4 different variants are available, which can be configured in terms of depth and length of material loading/unloading magazines, right/left feed direction and cutting unit type.



LT 600

Cutting line with up feed blade Ø600 mm for 90° cut

The system produces parts cut to size using a bar loading system and cutting machine with upward blade exit. 11 versions are available which can be configured in terms of depth and length of material loading/unloading magazines, right/left feed direction and cutting unit type.



ES

SOFTWARE

FSTLine: the management software for cutting lines and cutting and machining lines. Functions: 3D visualisation and simulation of bar processing, profiles archive in dxf format guided input of the profile pick-up data, cut optimisation with offcuts and damaged areas.

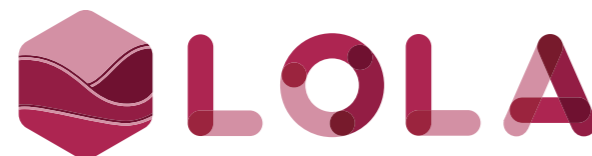


INDUSTRY 4.0

LOLA: is the cloud based platform created by Fom Industrie for Industry 4.0.

LOLA is compatible with PC and mobile devices and lets you check:

- machine status
- machining statistics
- key components status
- predictive maintenance messages



= LOLA ready



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