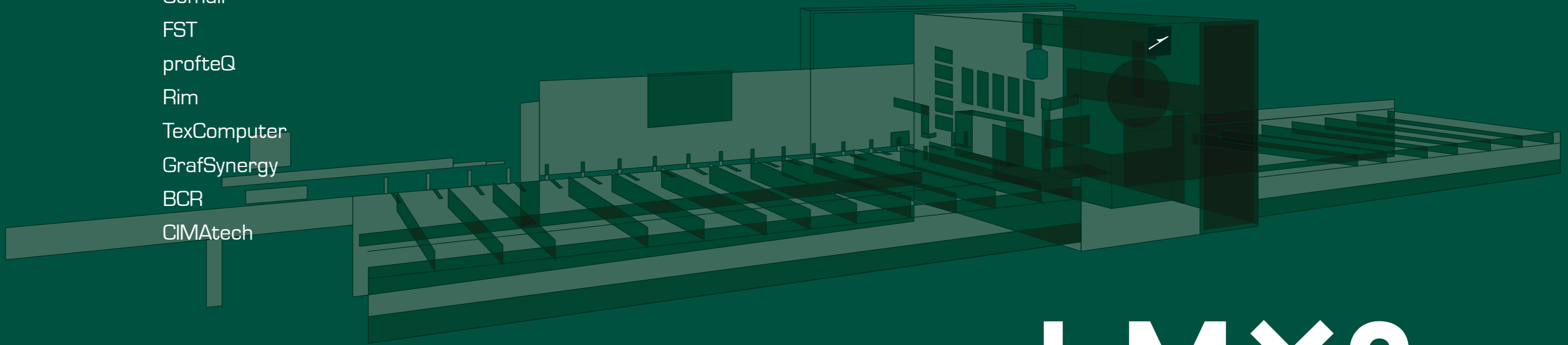




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LMX2 650

LMX2 650 - 04/2022 - version 1.2



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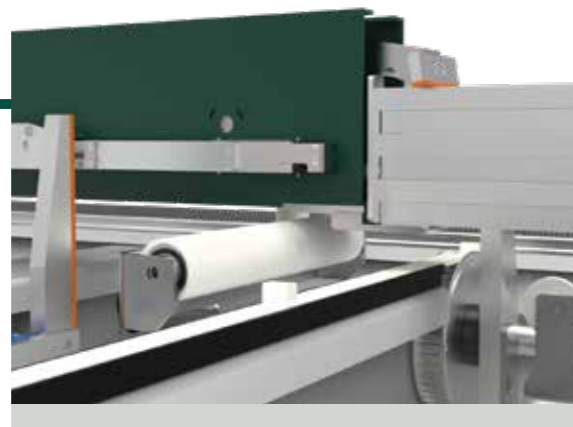


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LMX2 650

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 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. 8 different variants are available, which can be configured in terms of length of material loading/unloading magazines and right or left material feed direction.



X PUSH (FOM PATENT)
for loading of profile packs and solid profiles.



MULTI-SPINDLE MACHINING UNIT
designed to carry out machining operations on all four sides of the profile. Tilting electrospindles are available with pneumatic or controlled drive rotation for oblique machining operations and electrospindles for rigid tapping. Designed to receive up to 18 HSK- C40 electrospindles.



X MODULE is the downfeed cutting unit driven by 4 controlled axes (x,y,z and rotation A) and Ø 650mm blade. Two groups of motorised vices are provided for proper alignment and pneumatic locking of incoming and outgoing profiles.



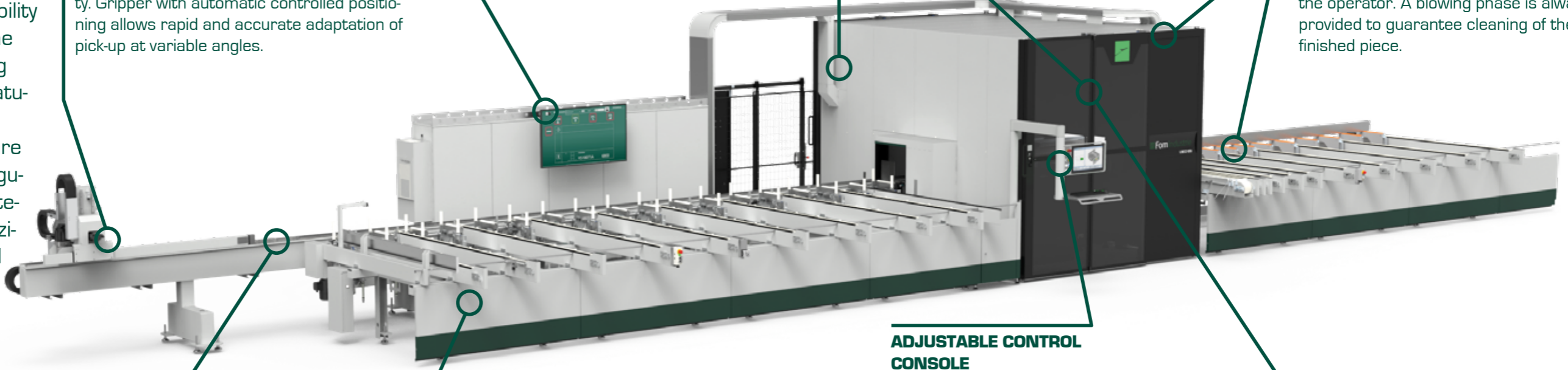
X PULL (FOM PATENT)
by adding PULL it is possible to take full advantage of the unloading surface, giving a considerable increase in working autonomy.

BAR FEEDER AND PROFILE PICK-UP SYSTEM
consisting of an electro welded steel beam that guarantees long term rigidity and stability. Gripper with automatic controlled positioning allows rapid and accurate adaptation of pick-up at variable angles.

55" LCD SCREEN
to view the programs and the bars to be loaded.

SOUNDPROOF CABIN
with wide visibility and luminous Fom Logo indicating the machine status.

UNLOADING MAGAZINE allows the finished pieces to be rapidly extracted, stored and compacted on motorised belts and then transported towards to the operator. A blowing phase is always provided to guarantee cleaning of the finished piece.



PROFILE FEED SYSTEM consisting of horizontal rollers and vertical rollers in non-scratch material. For machining profiles with very complex and variable geometries, the bar feeder can be equipped with a controlled axis system for automatic profile overturning and support.

LOADING MAGAZINE carries out accumulation and horizontal transfer of the profiles. The profile is moved onto the bar feeder rollers by a controlled device.

X LAB - AUTOMATIC PRINTER
applying labels to the moving bar. The label can be applied to the top or rear side.

ADJUSTABLE CONTROL CONSOLE

TOOL MAGAZINE
automatic chain type with 32 locations plus the blade.

FU 500
machining unit with 5 controlled axes, with 22kW electrospindle.

