

At the EMO 2025 trade fair, Wallram Grindtec – Lizzini of Montichiari (BS) will present its flagship model, the IG-FXL.

The IG-FXL is a universal grinding machine equipped with two external and two internal grinding wheels for maximum flexibility. It can grind parts up to 1500 mm in length.

The machine on display at the fair comes complete with an automatic loading and unloading system and an external palletiser, both of which are fully integrated into the machine and capable of handling parts on both the vertical and horizontal axes.

The base is made of natural granite to ensure maximum dimensional stability.

X- and Z-axis movements are performed by standard linear motors for maximum dynamics and precision.

The B-axis is equipped with a torque motor and a direct encoder for movement that can be set to any machining angle.

In addition to cylindrical parts, non-round parts such as cams, lobes, geometric shapes and threads can be machined simply by selecting the corresponding function on the operator interface.

The 'Micron' programming interface, along with the logic and diagnostics, has been developed entirely in-house at Lizzini. It is designed to function as a touchscreen interface with the highest possible degree of simplicity and intuitiveness.