

Complete machining newly defined

The new flagship of WFL is the M200 MILLTURN. It was designed for heavy machining and for finishing with the utmost precision.



The M200 MILLTURN from WFL is a multifunctional turning-boring-milling machine for the complete machining of complex and high-precision workpieces.

Large turning-boring-milling centers for complete machining of complex and high-precision workpieces are the traditional métier of WFL Millturn Technologies based in Linz, Austria. Along with a new mid-size Millturn model (ideal for long shaft parts and complex tubular components such as those found in the aviation industry or the oilfield sector), WFL is now also launching its new flagship on the market, the M200 MILLTURN.

Gigantic in size

The M200 can machine workpieces of up to 2 m in diameter, 14 m in length and 60 t in weight. The machine is built in different turning lengths and nominal center distances, making the range of applications correspondingly diverse: large landing gear extensions, huge crankshafts, shafts for turbines and for generators, large manifolds as well as shafts and rollers for heavy industry.

The high-performance turning-boring-milling unit even “eats its way through” difficult-to-machine materials at up to 80 kW of power and 1800 Nm (S1) of torque and does so nearly free of vibration thanks to optimized cast components. The standard HSK-A125 tool interface and the optional Capto C10 ensure that full use is made of the tool potential and spindle performance. Powerful drives deliver maximum feed force and dynamism.

Self-contained work space

Thanks to the B-axis, any type of inclined machining is possible and, if need be, 5-axis interpolation as well. Along with heavy boring and deep-boring operations, all possibilities for machining the inside of workpieces are also available. Moreover, WFL can create special custom solutions without any trouble thanks to its decades of experience.

At the high cutting speeds, the chips quick-

ly become genuine projectiles. The closed work space is therefore a must. At the same time, this feature enables the use of innovative technologies utilizing coolants and high pressures, as well as deep-boring processes involving huge volumes of coolant. In addition, the patented platform design provides the machine operator with optimum access to the workpiece, regardless of its outer shape.

The reliable disc-style tool magazine is accessible from the front and has up to 90 compartments for tools that are up to 1000 mm in length and that weigh as much as 40 kg. As an option, a 200-compartment chain magazine and automated magazine options are available along with their own heavy-load interface for tools up to 3 m in length.

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