

MECHANICAL MACHINING: ADDED VALUE TO FOUNDRIES



Foundries are being asked more and more often to provide processed castings and assembled groups. Indeed, foundries are increasingly geared towards “0 km manufacturing”, covering every step from the raw material to the finished product in- house, particularly for brake discs, brake drums, wheel hubs and flywheels, thereby boosting the added value of the component and drastically reducing downtime and production flow times. In order to meet these requirements, MAUS now offers - alongside grinding - a complete range of new MTM 5 series multitasking vertical lathes and flexible machining lines for brake discs, brake drums, wheel hubs, flywheels, bearings, gears and much more besides. The new MTM 5 series guarantees the widest possible versatility,



MTM 5 Series			300 - 500 - 800	
Max. turning diameter	mm	inch	200 - 800	8 - 32
Max. turning height	mm	inch	200 - 500	8 - 20
Swing	mm	inch	600 - 1400	24 - 55
Spindle torque	Nm	lb*ft	1000 - 24000	737 - 17680
Max. loading capacity	kg	lb	300 - 3500	660 - 7700
Tool magazine positions		N.		18 - 100

The technical characteristics vary depending on the solutions and parts

integrating processes that are complementary to turning, such as: drilling, tapping, milling and measuring. The new MTM 5 series takes its name from the fact that it is covered by a **5-year warranty**. Moreover, the MTM series delivers high levels of productivity and reliability, high precision, exceptional flexibility thanks to the integrated automation of pallet changer and automatic tool magazine and easy and fast change-over, as well as unrivalled containment of the manufacturing costs. The application sectors are: energy, automotive, general mechanical parts.

