



All eyes on

M175 MILLTURN

by WFL Millturn Technologies

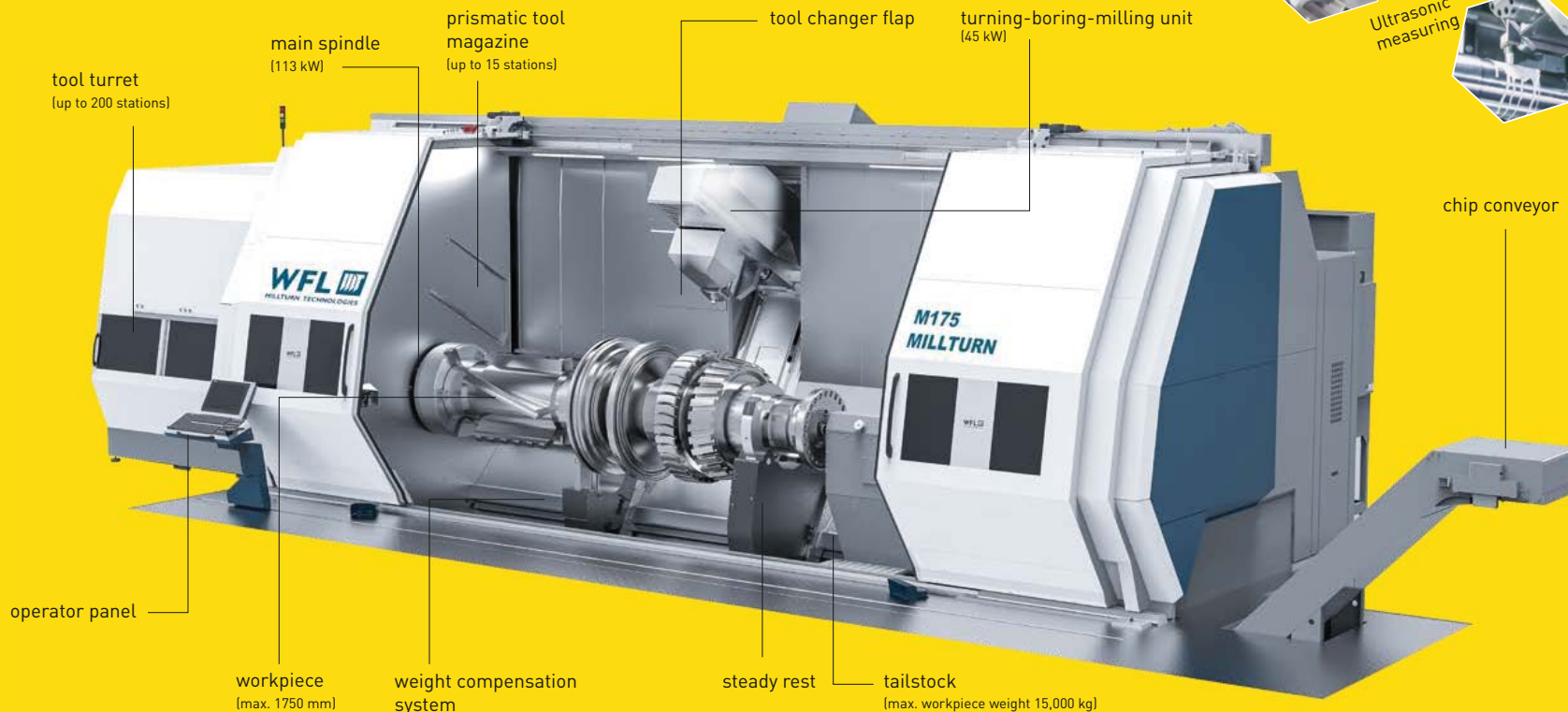
Quality and size in a new dimension

Bigger, stronger, faster - with the latest M-series product - the M175 MILLTURN - WFL is launching a new giant of complete machining. This contains significant innovations, ensures the highest precision and an advantageous versatility for customer requirements. The new turning-boring-milling unit offers a max. swing diameter of 1750mm and can accommodate up to 15.000kg heavy workpieces very stable due to the new, large-sized bed guideway for steady rest and tailstock.

The turning-boring-milling unit has an X-stroke of 1620mm and a Y-stroke of 1100mm and can therefore be used uncompromisingly and universally, e.g. for deep radial machining. Due to the large volume box structure of the turning-boring-milling unit cross slide with a very wide bed guide base and multiple arrangement of ground gliding guideways in the X- and Z-axis, the tool carrier system has a particularly high stability. This massive and powerful construction is combined with proven main and milling spindle systems, whose 113kW and 58kW drives are extremely reliable in their performance.

Facts:

- Very stable construction
- Deep radial machining possible
- 58kW milling capacity
- 113kW main spindle power
- Max. workpiece weight 15.000kg
- Y-stroke 1100mm
- X-stroke 1620mm
- Max. turning diameter 1750mm
- Specially configured machine on customer request



Technical data		M175 MILLTURN	
Nominal center distance	mm	2000 / 3000 / 5000 / 6500 / 8000 / 10000 / 12000	
Swing - ø over Top slide	mm	1750	
Swing - ø over bed	mm	1840 / 1810 / 1790 / 1750 / 1730 / 1700 / 1660	
Max. power, Turning spindle 40% duty cycle	kW	103 // 113	
Max. torque, Turning spindle 40% duty cycle	Nm	10160 // 14000	
Max. torque, Turning spindle 100% duty cycle	Nm	7300 // 12400	
Max. spindle speed, Turning spindle	min-1	800 // 800	
Max. power, Milling spindle 100% duty cycle	kW	45 // 58	
Max. torque, Milling spindle 100% duty cycle	Nm	500 / 310	
Max. spindle speed, Milling spindle	min-1	5000 / 8000	

Technical data		M175 MILLTURN	
Swiveling angle B-axis	degree	-110 / +110	
Travel Y-axis, 45 kW	mm	1100 [-550...+550]	
Travel X-axis, 45 kW	mm	1620 [-20...+1600]	
Tailstock, quill - ø	mm	300	
Tool magazine	number	36 / 72 / 108 / 200	
Control SIEMENS	Type	SINUMERIK 840D sl	