

MAXIMA

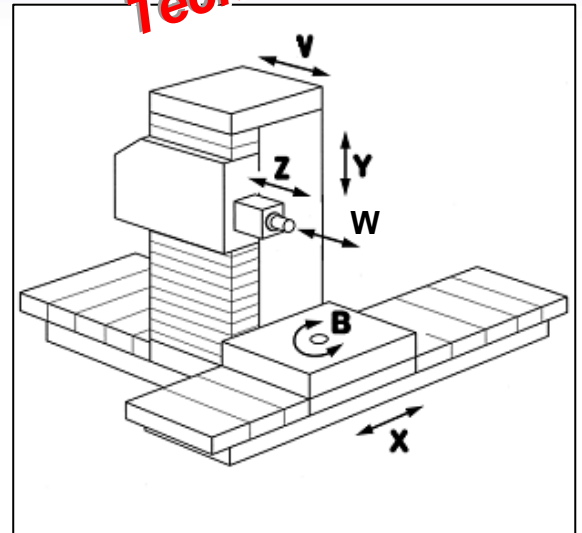
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New goals need new solutions

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MAXIMA MILLING MACHINE

Power machining of extremely heavy and large workpieces.



Technical novelty

Machine design is based on design groups of WRD machines, which are arranged in a cross - bed design.

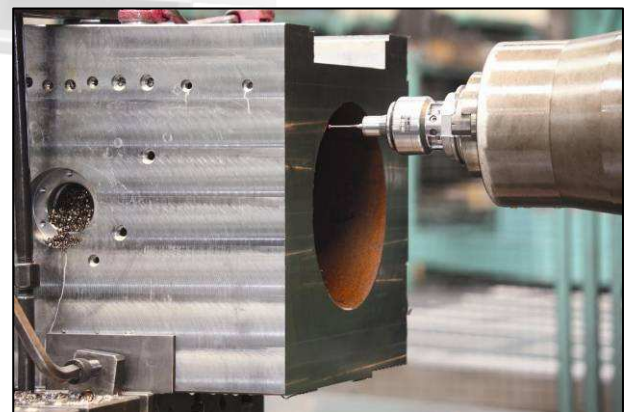
Optimal solution

TECHNICAL SPECIFICATIONS

		MAXIMA I	MAXIMA II
Spindle diameter	mm	130	150
Spindle taper		ISO 50 / ISO 50 BIG+	
Spindle speed max.	RPM	3,000 (3,500 - option)	2,500 (2,800 - option)
Main motor power (S1 / S6-60)	kW	37 / 46	51 / 65
Max. torque (S1 / S6-60)	Nm	2,535 / 3,152	2,466 / 3,138
RAM size	mm	450 x 450	
Table transverse travel X	mm	3,000; 4,000; 5,000; 6,000	
Headstock vertical travel Y	mm	2,000 - 4,500	
Column longitudinal travel V	mm	1,500; 2,000; 2,500	
RAM stroke Z	mm	1,000	
Spindle stroke W	mm	700	800
Feed range	mm.min ⁻¹	1 - 8,000	
Rapid traverse - X, Y, Z, W	mm.min ⁻¹	16,000	
Rapid traverse - W	mm.min ⁻¹	12,000	
Table clamping surface	mm	2,000 x 2,000; 2,000 x 2,500; 2,500 x 3,000	
Workpiece weight max.	kg	up to 30,000	

TOS VARNSDORF a.s.**MAXIMA****OPTIONAL ACCESSORIES****TECHNICAL DESCRIPTION****MILLING EQUIPMENT**

MAXIMA machine is enclosed milling and boring machine tool with cross - bed arrangement with transversally movable rotary table and longitudinal movable column. The machine is designed as compact assembly, in which are also integrated electric box, chip conveyors and tool coolant management.

TECHNOLOGIES:**TOOL COOLING****CLAMPING EQUIPMENT**

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