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CERTIFICATION

ISO 9001 : 2000 & ISO 14001 : 2004

Equipment categories
Machine-tool

NODIER EMAG INDUSTRIE

PRESENTATION / KNOW-HOW

The EMAG Group products cover the entire spectrum of machining processes in the metal working industry. Whether **chucked, shaft-type or cubic components** – the companies under the EMAG umbrella offer the best manufacturing solution for every customer.

With its variety of technology centers EMAG has become an important partner in the realization of **complete process streams** for the manufacture of transmission, engine and chassis components. Turning flipped on its head - from product idea to market leader! Today companies are demanding **batch production**; particularly the automotive industry. Both the manufacturers and the sub-supplier's can no longer imagine being without the pick-up turning machine, introduced in 1992, and its subsequent version, the multi-tasking production center. EMAG is one of the world's most important manufacturers of this new generation of machines.

MARKETED PRODUCTS

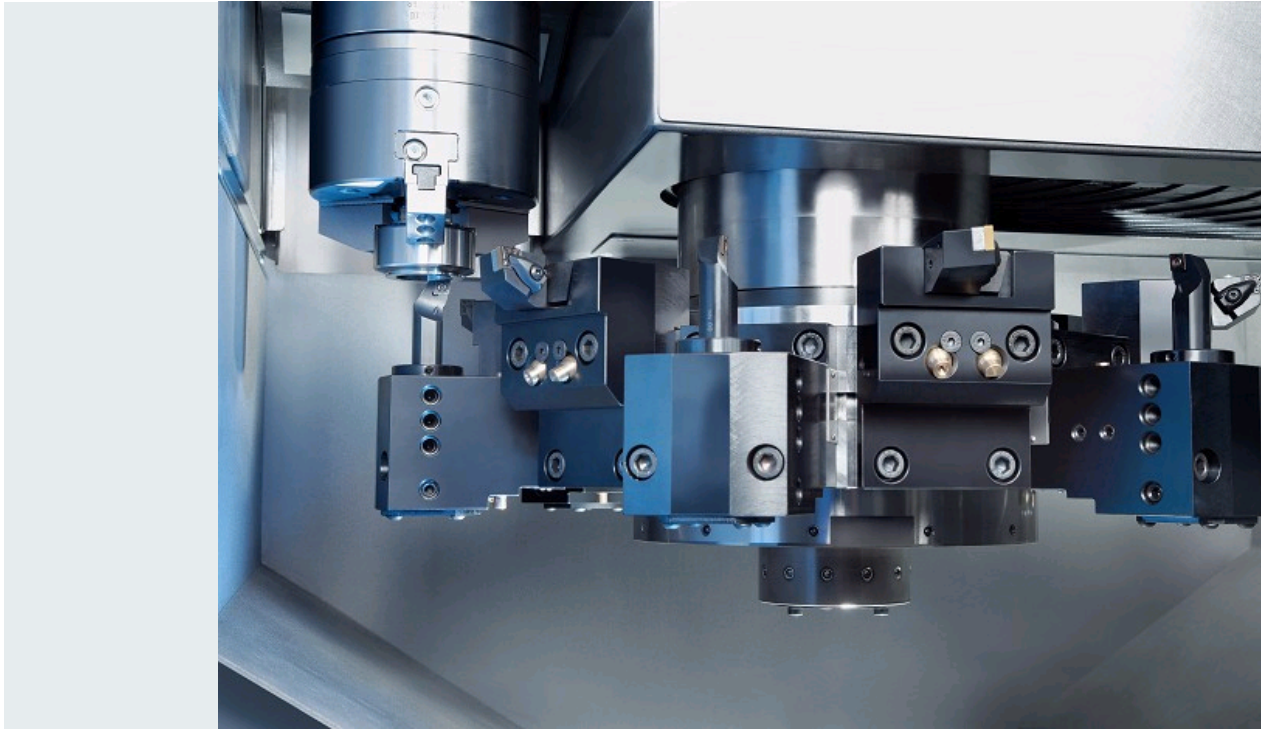
Single spindle chucking automatics	[1] [2]
Multi-spindle chucking automatics	[1] [2]
Vertical turning machines	[1] [2]
Turning centres	[1] [2]
Capstan and turret lathes	[1] [2]
Multi-tool production lathes	[1] [2]
Oval turning lathes	[1] [2]
Facing lathes (front operated lathes)	[1] [2]
Facing lathes with tailstock	[1] [2]
Centering and end facing machines	[1] [2]
Machining Centers	[2] [3]
Flexible manufacturing cells and systems	[1]
Other transfer machines	[2] [3]
Grinding machines	[4] [6] [2] [5]
Laser welding machine	[10] [2]
Workholding	[11]

BRANDS PORTFOLIO

[1] EMAG [2] NODIER EMAG [3] SW [4] KARSTENS [5] REINECKER [6] KOPP [7] NAXOS UNION [8] KOEPFER
[9] EMAG AUTOMATION [10] EMAG LASER TEC [11] HEILIG



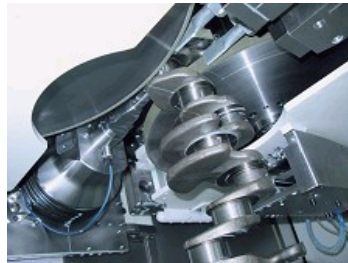
SYMOP
Membre de la FIM



VL 2 P THE IDLE TIME KILLER
MAXIMUM REDUCTION IN THE IDLE TIMES USING PENDULUM TECHNOLOGY



CNC LATHE FOR THE HIGH-
PRODUCTIVITY VERTICAL TURNING
OF FLANGE-TYPE WORKPIECES



VTC SHAFT MACHINING



THE TECHNOLOGY PEOPLE
HORIZONTAL MACHINING CENTRES

NEW AND KEY PRODUCTS

The VL 2 P represents a comprehensive solution to **vertical turning**. This **vertical turning machine** can handle workpieces of up to 100 mm diameter, complete-machining them in two setups (using a variety of technologies, such as vertical turning, milling, drilling,). The machine is equipped with two workspindles working in pendulum mode, i.e. whilst the first spindle holds the workpiece during the machining process, the second spindle uses the pick-up method to automatically load itself with raw-parts. This ensures that the follow-on raw-part is always ready for vertical turning (machining). After completion of the vertical turning operation on the first component the turret swings (like a pendulum) to the second workspindle.

MAIN CUSTOMERS

AUTOMOTIVE - OIL INDUSTRY - ENERGY INDUSTRY - AEROSPACE



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