

ARTIS PRODUCTS

>> THREE WAYS TO ENSURE
PROCESS RELIABILITY
IN MACHINE TOOLS.



>> The fully automatic
solution

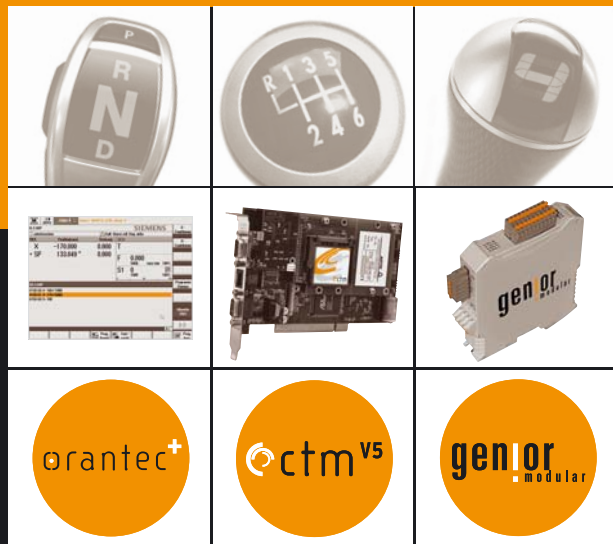


>> Performance with a
multitude of options



>> The cost-effective
basic solution





PRODUCT MATRIX / PRODUCT COMPARISON

Application	Monitoring of tool breakage and missing tools	X	X	X
	Process control - Adaptive Control (AC)		X	X
	Wear monitoring		X	X
	Machine condition monitoring		X	
	Collision monitoring		X	
	Monitoring dressing, hob milling		X	
	Thread monitoring		X	X
	Thread gauges		X	
	Series production (>10 items)	X	X	X
	Single item production, small batch sizes		X	
	Small tools <3 mm		X	X
	Adaptation to complex manufacturing processes		X	
Operation	No parameterization by the operator			X
	Minor to complex parameterization needed	X	X	
Visualization	Visualization		X	
	Statistics		X	
Integration	Software solution without additional hardware components	X		
	For open control with PCI slot		X	
	Top hat rail installation			X
	Profibus connection		X	X
	External sensors		X	X
	Retrofittings		X	X
Controls	Siemens 840D Powerline and Solution Line	X	X	X
	Bosch Rexroth, Fidia, Fanuc, Heidenhain		X	
	Beckhoff		X	
Characteristics	Maximum number of channels per system	= NC channels	4	4
	Up to 10 tools	X	X	X
	More than 10 tools		X	X
Sensors	Digital torques	X	X	X
	True power, acoustic emission, force		X	X
	Coolant flow		X	X
	Vibrations, acceleration		X	X
	Tool holder with torque/force		X	
	External sensors with +-0..10V		X	X
	External sensors with 0/4..20mA			X
	MARPOSS laser and probe		X	

Subject to change without notice. The information provides a general description of our products.

It does not provide information on the condition of the products or a guarantee in terms of §§ 434/443 of the German Civil Code and accepts no liability.