PA 8000e™

Milling

Turning

Grinding

Laser Cutting

Waterjet Cutting

Plasma Cutting

Oxy-fuel Cutting

Welding

Punching and Nibbling

Eroding

The new generation of CNCs **POWER AUTOMATION**

PA 8000e™

Milling
Turning
Grinding
Laser Cutting
Waterjet Cutting
Plasma Cutting
Oxy-fuel Cutting
Welding
Punching and Nibbling
Eroding

The **PA 8000e™** is our High-End CNC system for complex applications. Where other CNCs already reach their limits, the **PA 8000e™** CNC system is just kicking off. When high-performance and maximum openness is requested, the **PA 8000e™** system is exactly the right solution for your machine. The **PA 8000e™** is excellently suited for 3D-applications like 5-axis milling or 5-axis laser cutting, as well as for transfer machines.

→ **Browser-based, flexible operator interface**
→ **Integrated, powerful Soft-PLC according to IEC 61131-3 standard**
→ **Detailed path graphic**
→ **PA Compile-Cycle™ interface**
→ **PA Logic Analyzer™**
→ **Remote diagnostics**

CHARACTERISTICS

Performance level	S	HS	HSB
Number of processed blocks per sec.	900	1800	7200
Max. number of axes	64		
Drive interfaces	PA SDI™ / SERCOS / Analog (+/-10V)		
Max. number of channels	8		
Max. dynamic block buffer [blocks]	1000		
Max. feed [m/min]	1200		
Processing time for 1000 PLC-commands [ms]	0.016		
I/O bus systems	PA Superbus™, Profibus, CANopen, DeviceNet		
Operating system	Windows XP Pro + PA Realtime Kernel™		
PC interfaces	4 x USB, 1 x Ethernet, 1 x RS232, 1 x VGA, 2 x PS2, 1 x LPT		