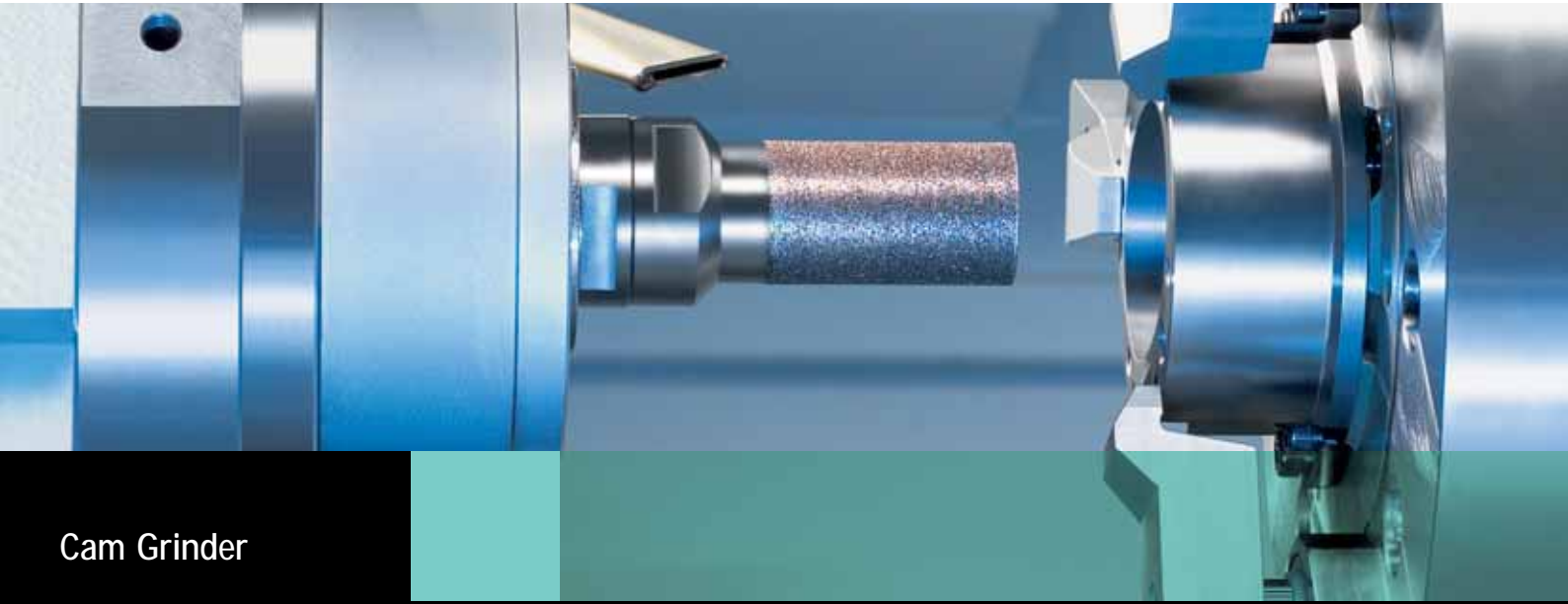


SK 204



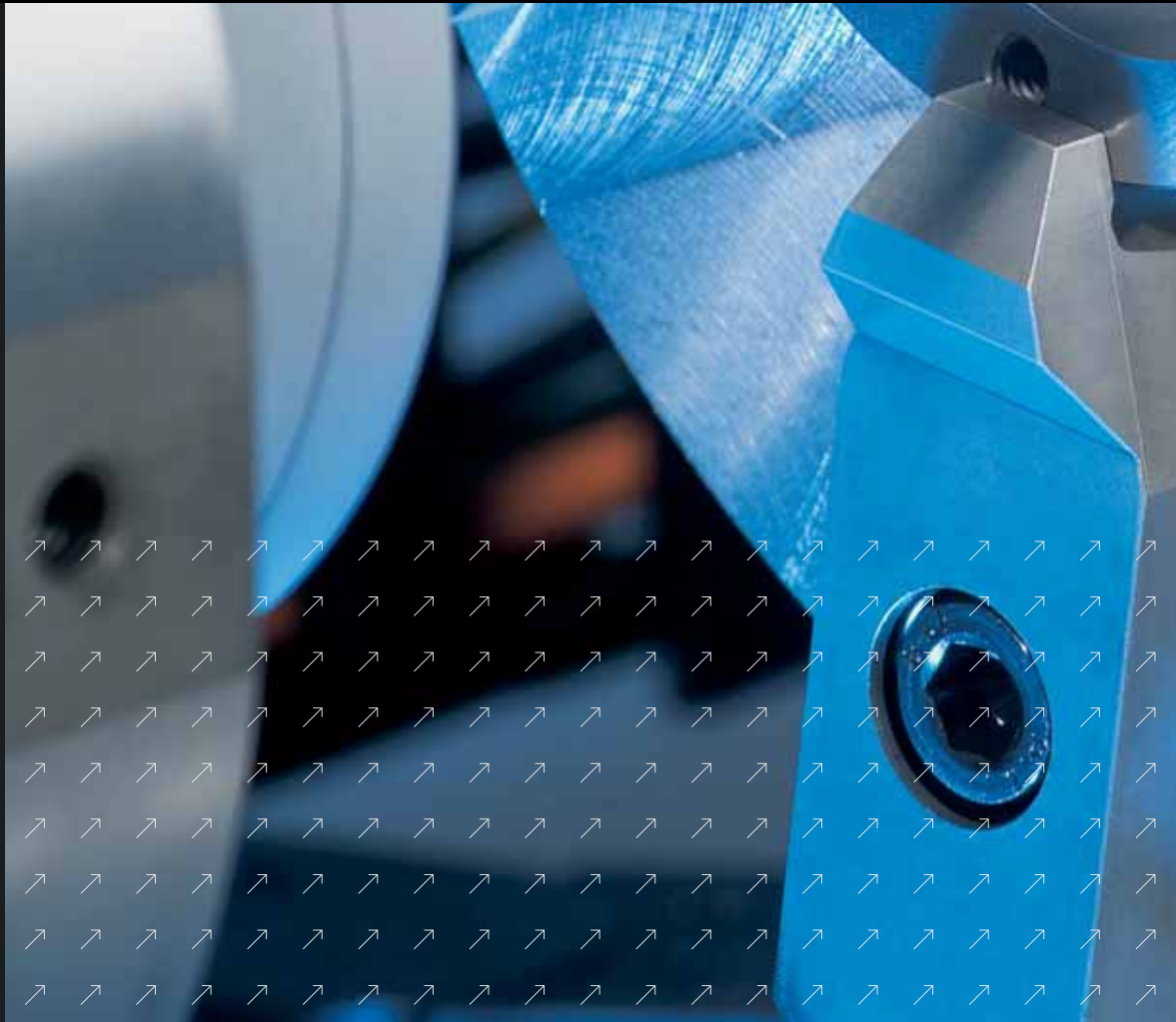
Cam Grinder

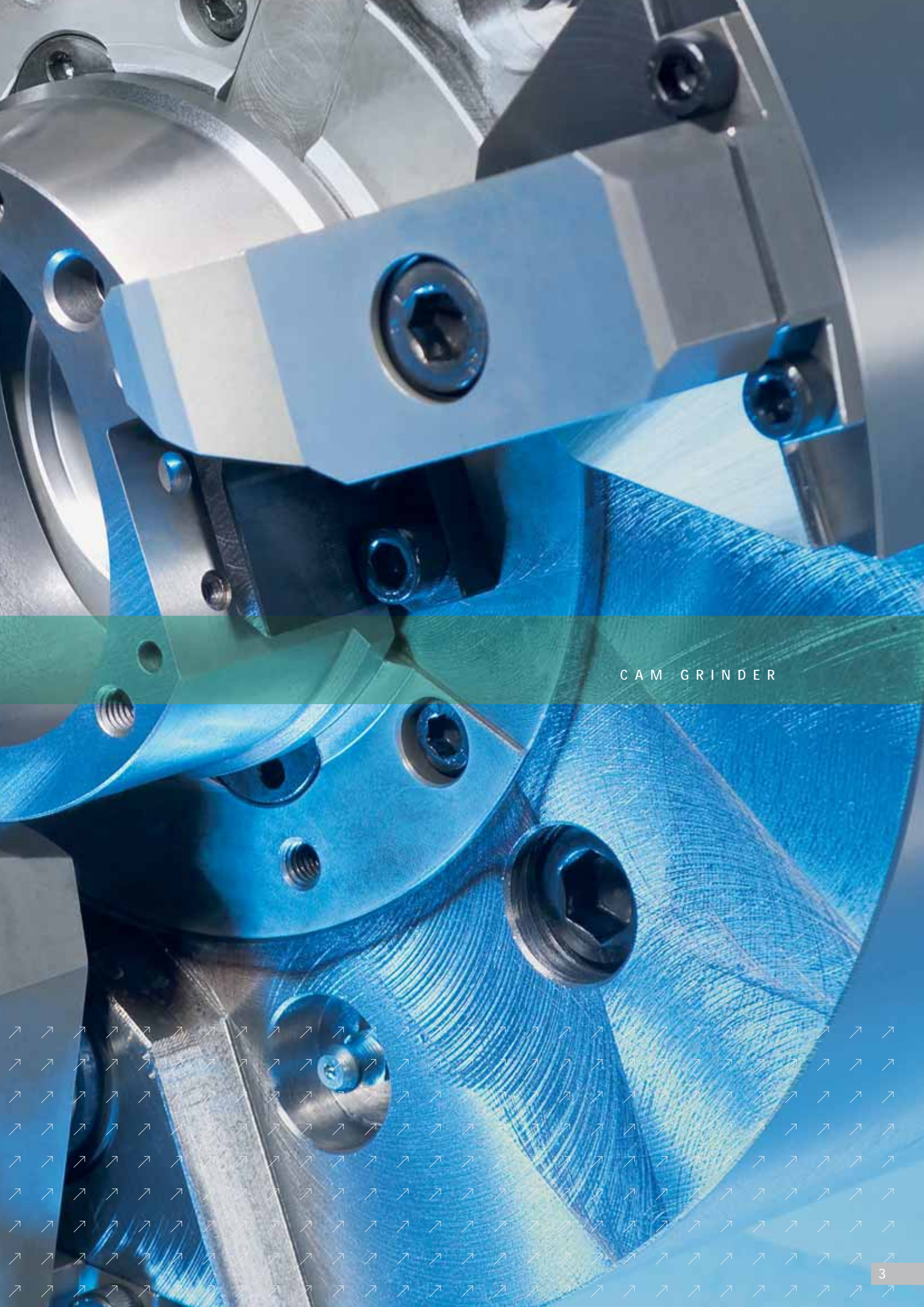


The modular machine system for the grinding of cams: SK 204. The machine offers solutions for the internal and external out-of-round grinding of cams – from one-offs to large batch production grinding.



SK 204





C A M G R I N D E R





SK 204

High performance grinding of internal and external contours.

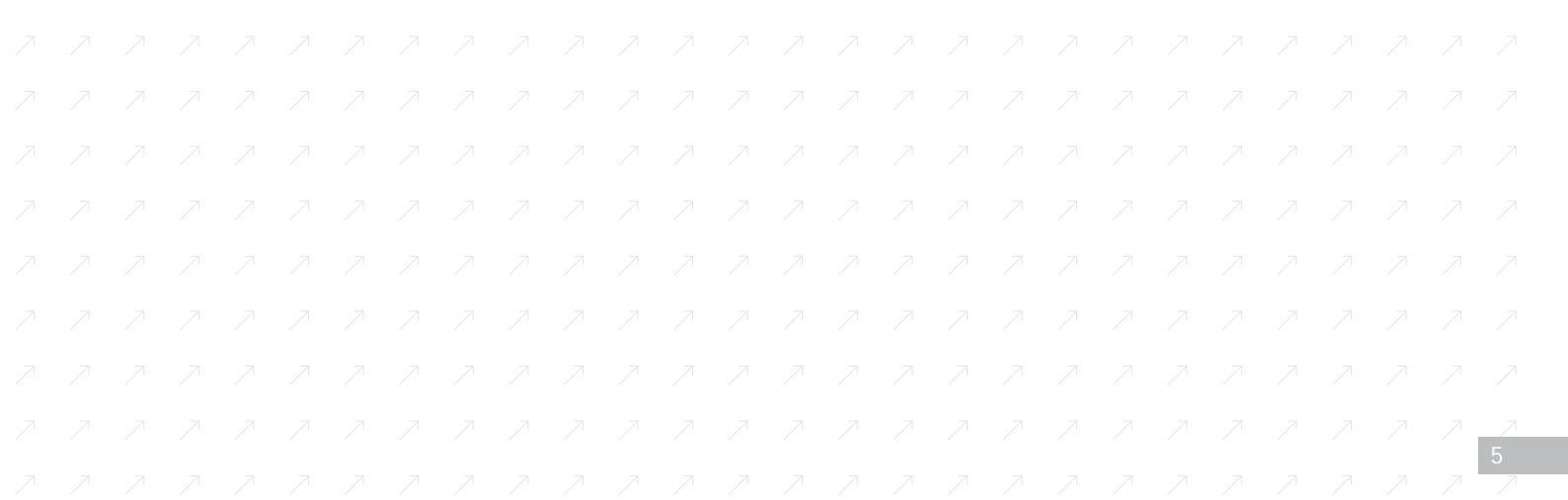




The modular machine system SK 204 permits the configuration of a large number of variants to suit individual production requirements. All modern grinding technologies can be realised. The machine can be equipped with different sizes of one, two or more grinding spindles for external and/or internal machining.

The available modules include dressing attachments for CBN and corundum wheels, touch-recognition during grinding and dressing, and workholding units.

Workpieces are loaded and unloaded by means of an automatic workhandling system of gantry loader and robots. The equipment on offer is complemented by environmentally friendly coolant processing plants and exhaust systems.



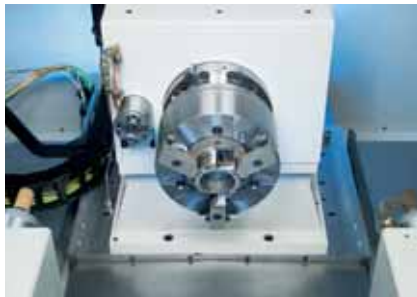
The objective is to produce components of quality.



SK 204 machining area
Grinding a radial cam

SK 204

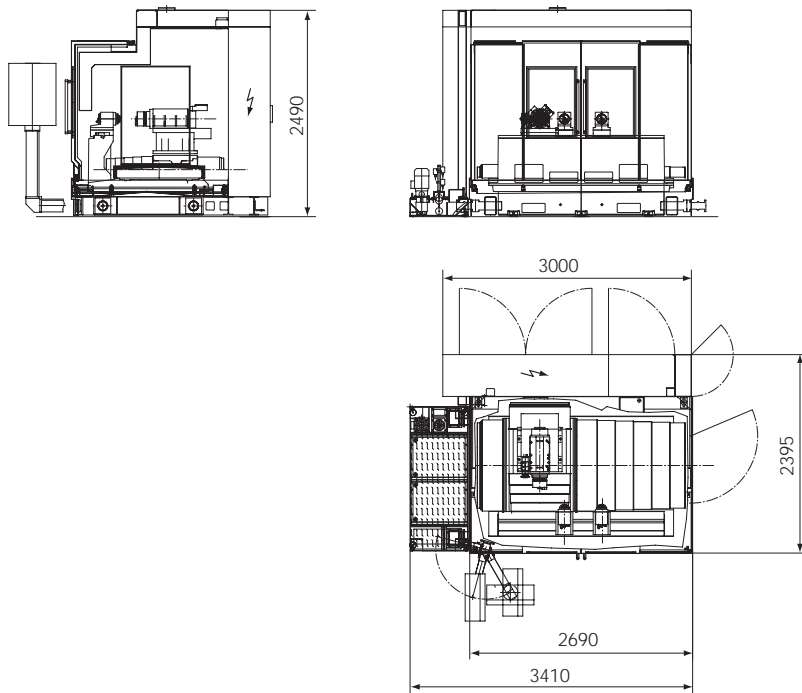
SK 204 machining area
Work head with
dressing spindle



Typical applications for the SK 204 Cam Grinder include the pre- and finish-grinding of cam rings for vane and injection pumps and the grinding of external and internal polygons. The interpolation of C- and X-axis, axial grinding wheel oscillation with the Z-axis, the dressing of pre- and finish-grinding wheels with a diamond wheel ... all these are processes that offer outstanding grinding results.

Technical data.

Capacity		SK 204
max. workpiece diameter	mm	250
max. workpiece length	mm	100
Grinding wheels		
max. grinding wheel dia.	mm	250
Feeds and speeds		
X-axis travel	mm	1000
Z-axis travel	mm	380
X- and Z-axis speed	m/min	30 / 30
Work head with motor spindle		
Torque	Nm	95
Spindle speed range	rpm	1 - 1000
Reception bore	KK	5
Weights and measurements		
Length	mm	3410
Width	mm	2400
Height	mm	2490
Weight	approx. kg	11000



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