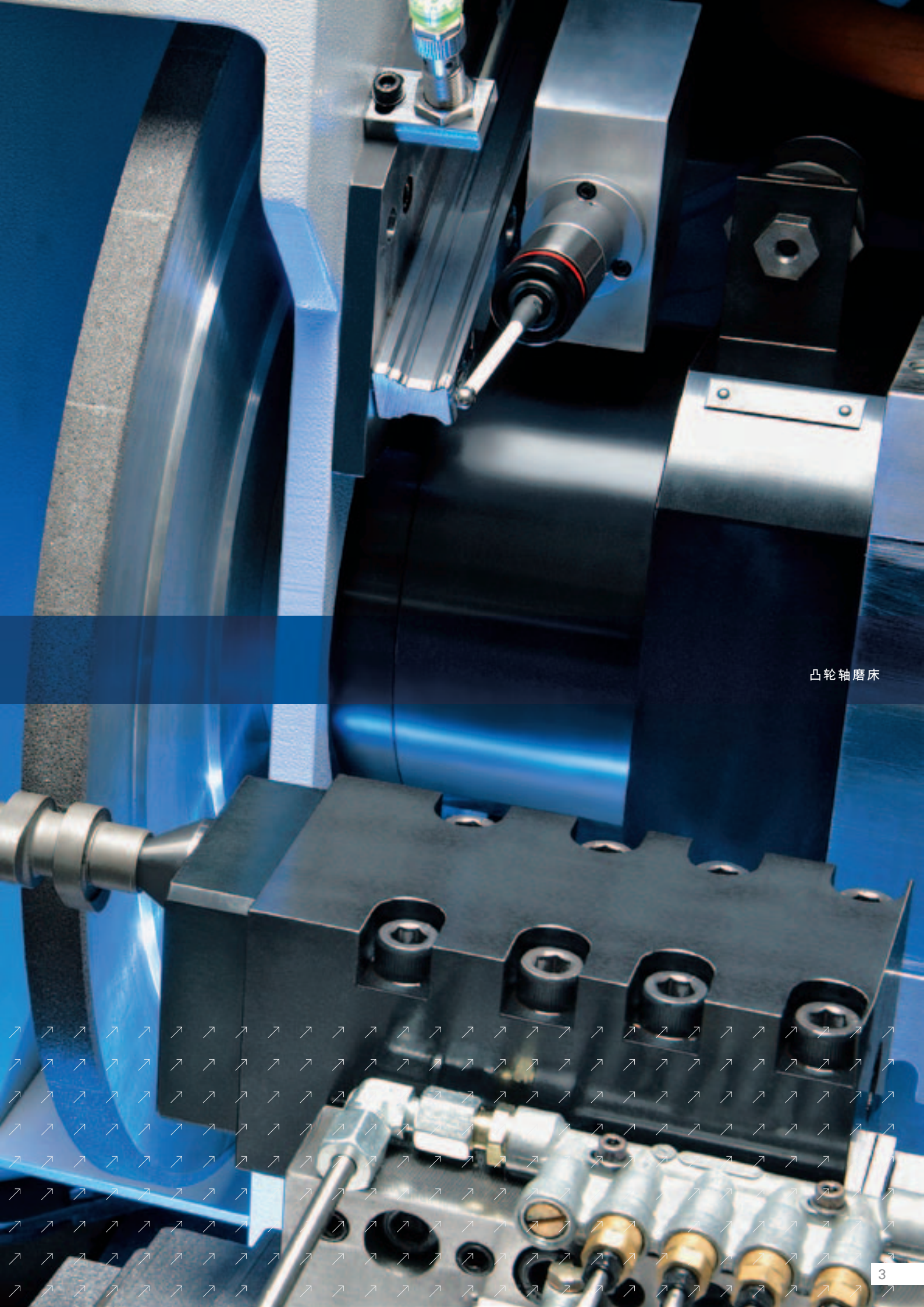


凸轮轴磨床
SN 204
SN 208



KOPP SN 系列磨床专为凸
轮轴和非圆外轮廓的磨削
而设计，能为凸轮轴和非
圆外轮廓的加工提供最佳
生产方案。

S N 204
S N 208



凸轮轴磨床

高速磨削凸轮轴和外轮廓

SN 204 和 SN 208 磨床采用模块化结构，能配备所有先进的磨削工艺，所以能根据用户的加工需求配置出不同的机床类型。

为用户提供量身定制的生产方案。

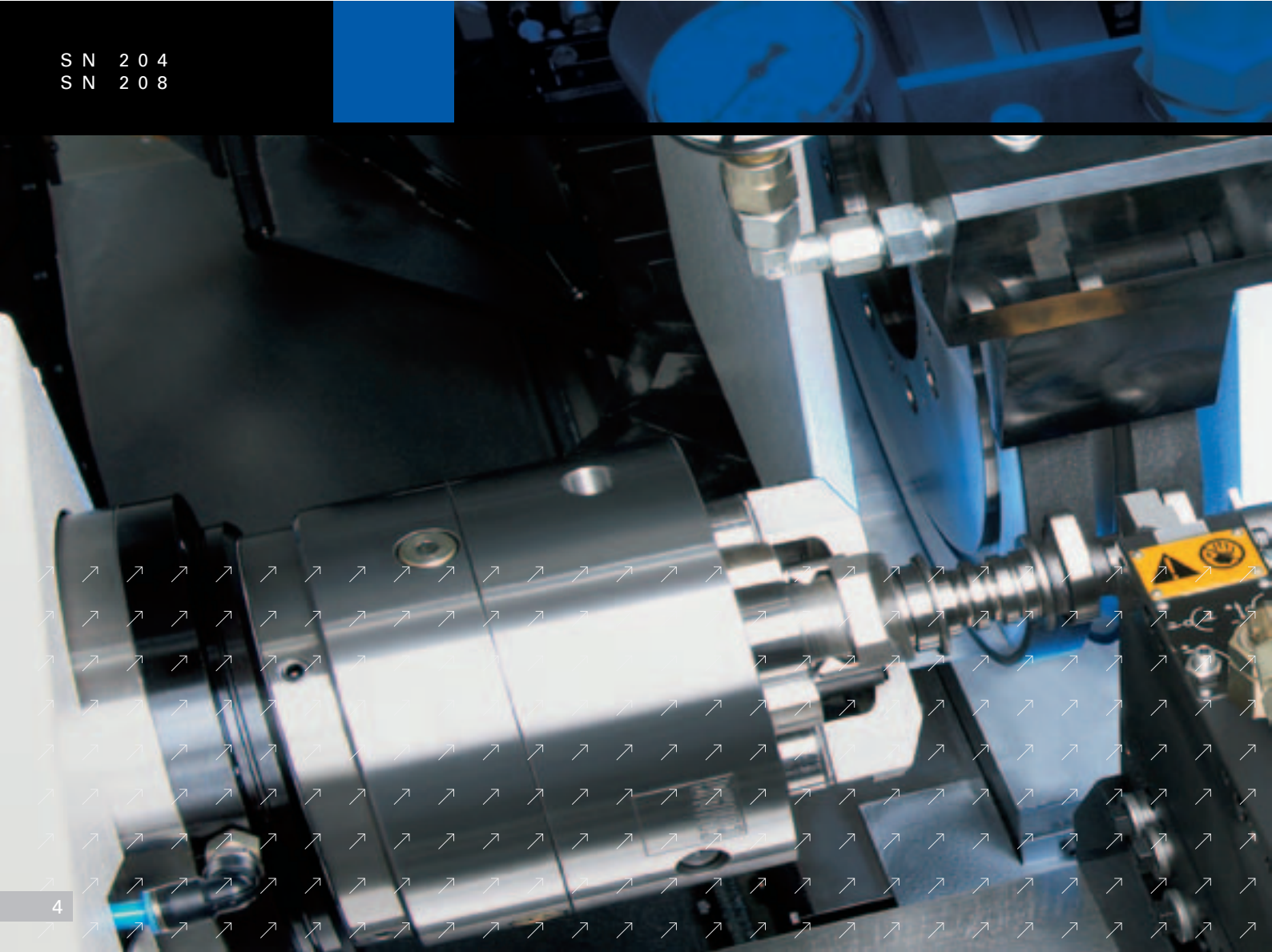
磨床能根据加工要求配置一个、两个或三个砂轮，用以磨削非圆和/或圆形零件的外轮廓。

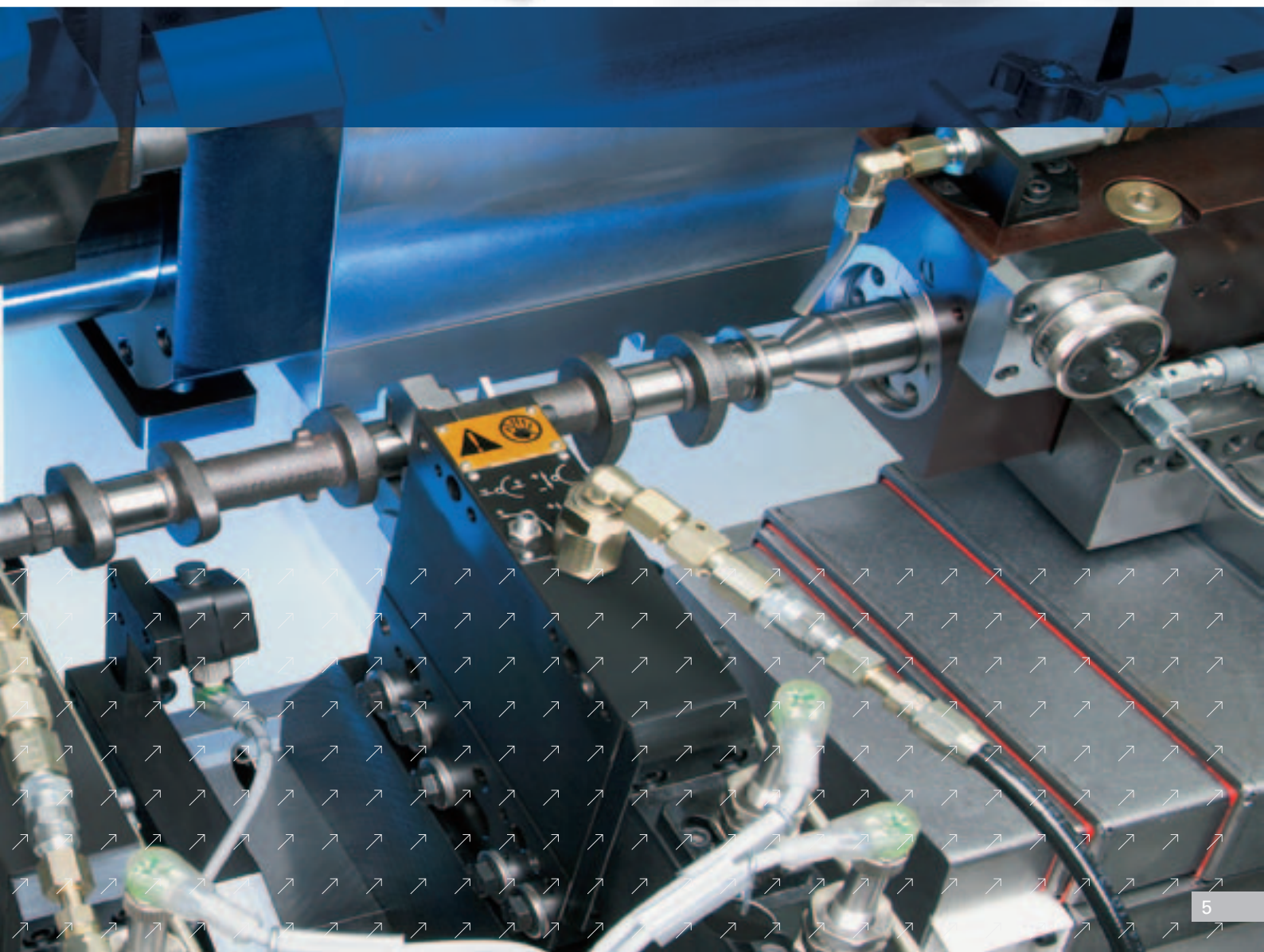
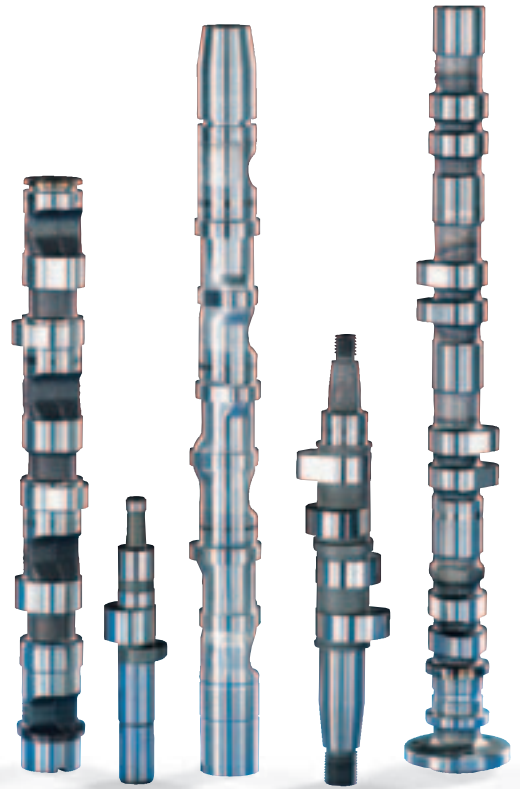
X-轴配置了静液压丝杠驱动和静压导轨，充分确保了高精密的磨削质量。

磨床采用十字工作台结构，占地面积小。利用此系列可以磨削圆柱形或锥形凸轮，带凹面的凸轮或倒角的凸轮。本系列最典型的应用是加工轿车和摩托车发动机凸轮轴、高压喷射泵凸轮轴、偏心轴、多边形外轮廓、以及纺织和包装机械的曲面轮廓等。

SN 204加工区:成对磨削凸轮

S N 204
S N 208





模块化原理

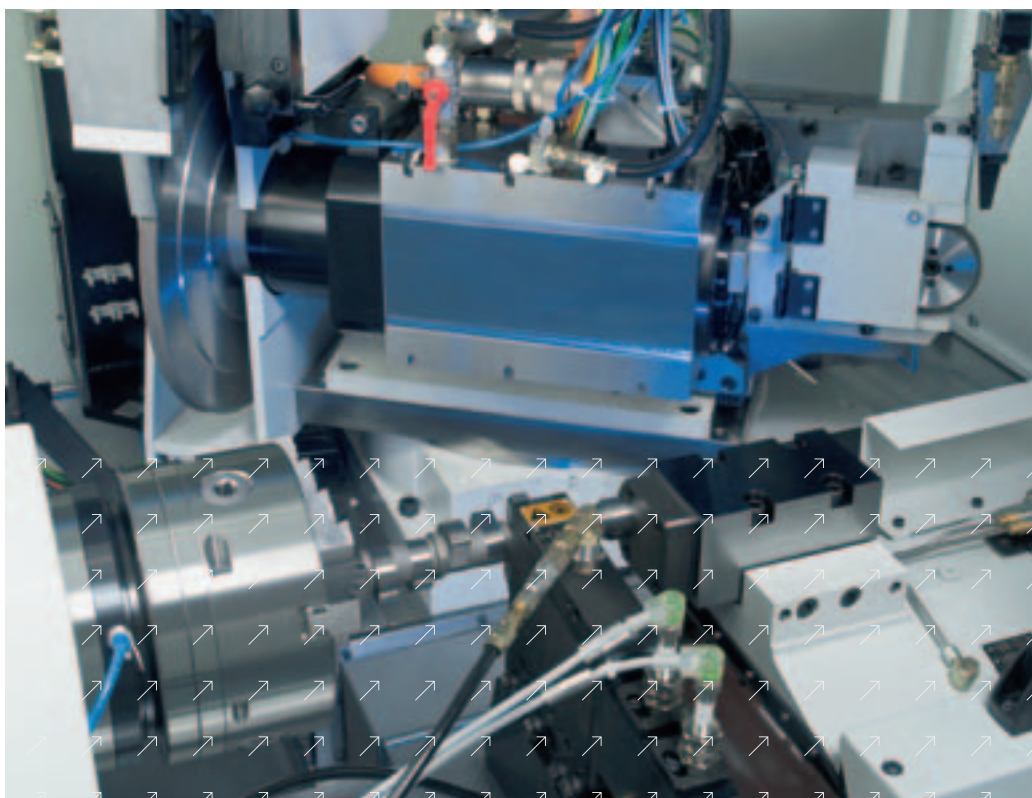
可供磨床配置的模块选择范围大，其中包括不同规格的砂轮主轴、在线和外线测量装置、CBN和刚玉砂轮的修整单元、磨削和修整砂轮时的切入识别装置、工件卡头及各种不同规格的卡盘。另外节能环保的冷却液净化装置和油雾抽吸装置也包含在供货范围内。工件的进料及出料可通过桁架机械手或机器人的自动上料和下料装置完成。

动力驱动的金刚石修整轮正在修整陶瓷粘结的CBN-砂轮

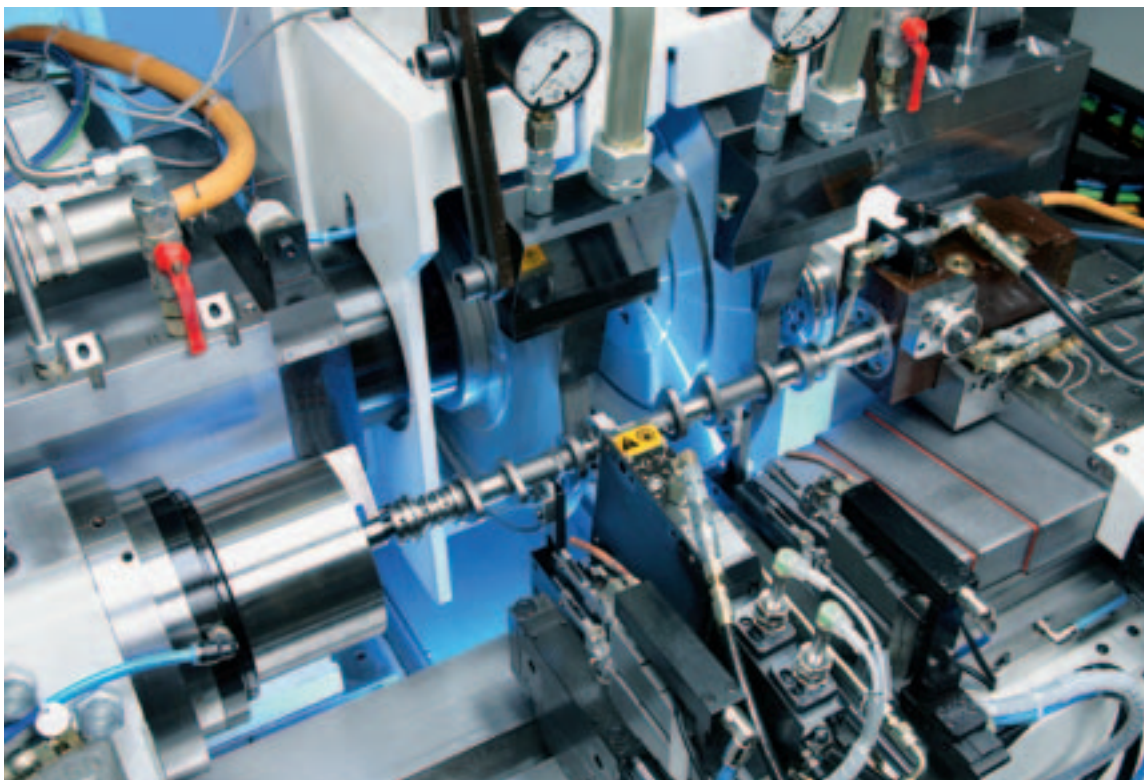


S N 204
S N 208

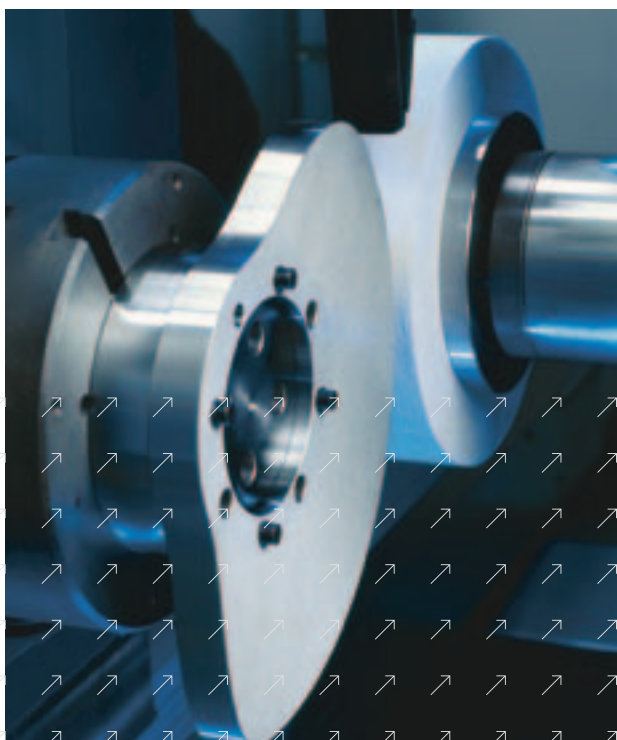
安装了两个磨削单元的回转轴并配置了CBN砂轮



SN 208 配置有两个滑台，用于同步磨削加工



磨削纺织机械的径向凸轮



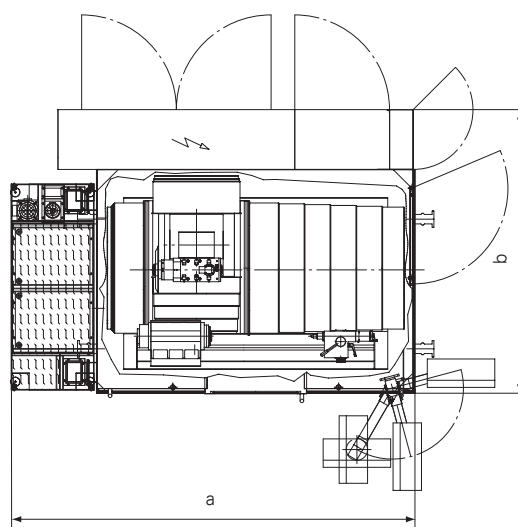
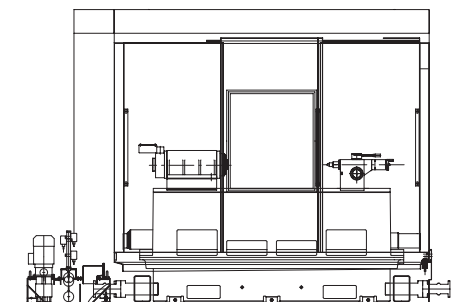
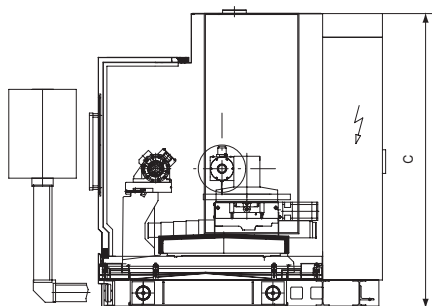
磨削多边形



技术规格

工作范围		SN 204	SN 208
工件最大直径	mm in	380 15.0	380 15.0
工件最大长度	mm in	600 23.6	1,200 47.2
CBN-砂轮单元			
最大砂轮直径-Ø	mm in	500 19.7	500 19.7
电主轴驱动功率	kW hp	30 40	30 40
主轴最高转速	rpm	7,200	7,200
刚玉砂轮单元			
最大砂轮直径-Ø	mm in	610 24.0	610 24.0
电主轴驱动功率	kW hp	15 20	15 20
主轴最高转速	rpm	4,000	4,000
可用范围			
X-轴行程	mm in	360 14.2	360 14.2
Z-轴行程	mm in	1,000 39.4	1,000 39.4
X- 和 Z-轴运行速度	m/min ipm	30 / 30 1,181 / 1,181	30 / 30 1,181 / 1,181
带电动主轴的工件头架			
扭矩	Nm ft-lb	95 70	95 70
转速范围	rpm	1 – 1,000	1 – 1,000
刀柄	KK	5	5
尺寸和重量			
长度 (a)	mm in	3,410 134.3	4,550 179.1
宽度 (b)	mm in	2,400 94.5	2,400 94.5
高度 (c)	mm in	2,490 98.0	2,490 98.0
重量	约 kg approx. lb	11,000 24,251	14,000 30,865

布置图



世界处处是我家。

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