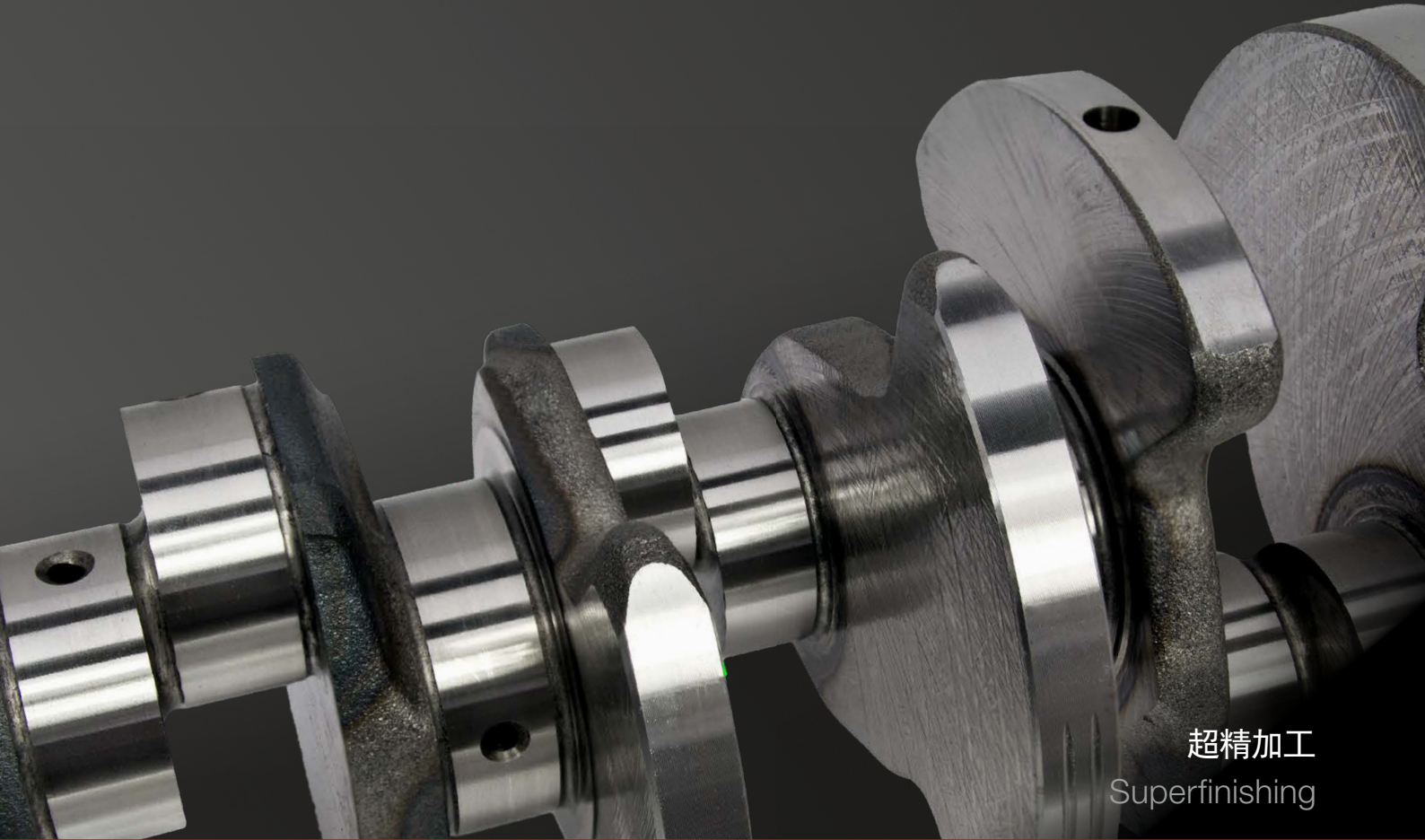


supfina



超精加工
Superfinishing

CENFLEX

supfina
CENFLEX





supfina

德国索菲纳CenFlex 1型抛光机经过重新设计, 具有外观典雅而加工高效的特性, 可以抛光范围广泛的汽车发动机零件, 兼顾可靠性和经济性。

不仅如此, Cenflex 1型抛光机展现了许多抛光工艺的研发技术, 特别是关于机床的易接近性, 高效性及柔性化。

The redesigned Supfina CenFlex 1 is both elegant and effective, capable of superfinishing a wide range of automotive parts with the highest dependability and economy.

What's more, the Cenflex 1 introduces a number of superfinishing developments, especially in terms of accessibility, efficiency, and flexibility.

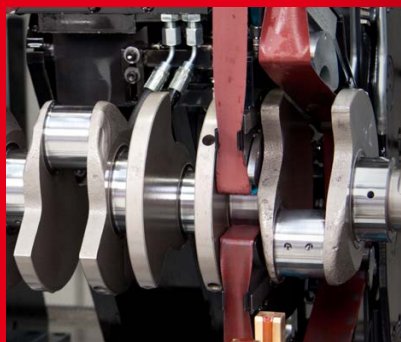
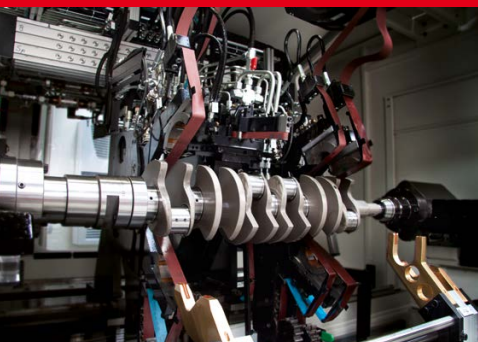
新系列

Series news



2013





加工质量
质量可视化
Quality
made visible

EX



supfina CENFLEX 1

工件（轴类）长度
Workpiece (shaft) length

400–1000mm

曲轴冲程
Stroke (for crankshafts)

最大100mm, 可选最大120mm
max. 100mm, optional max. 120mm

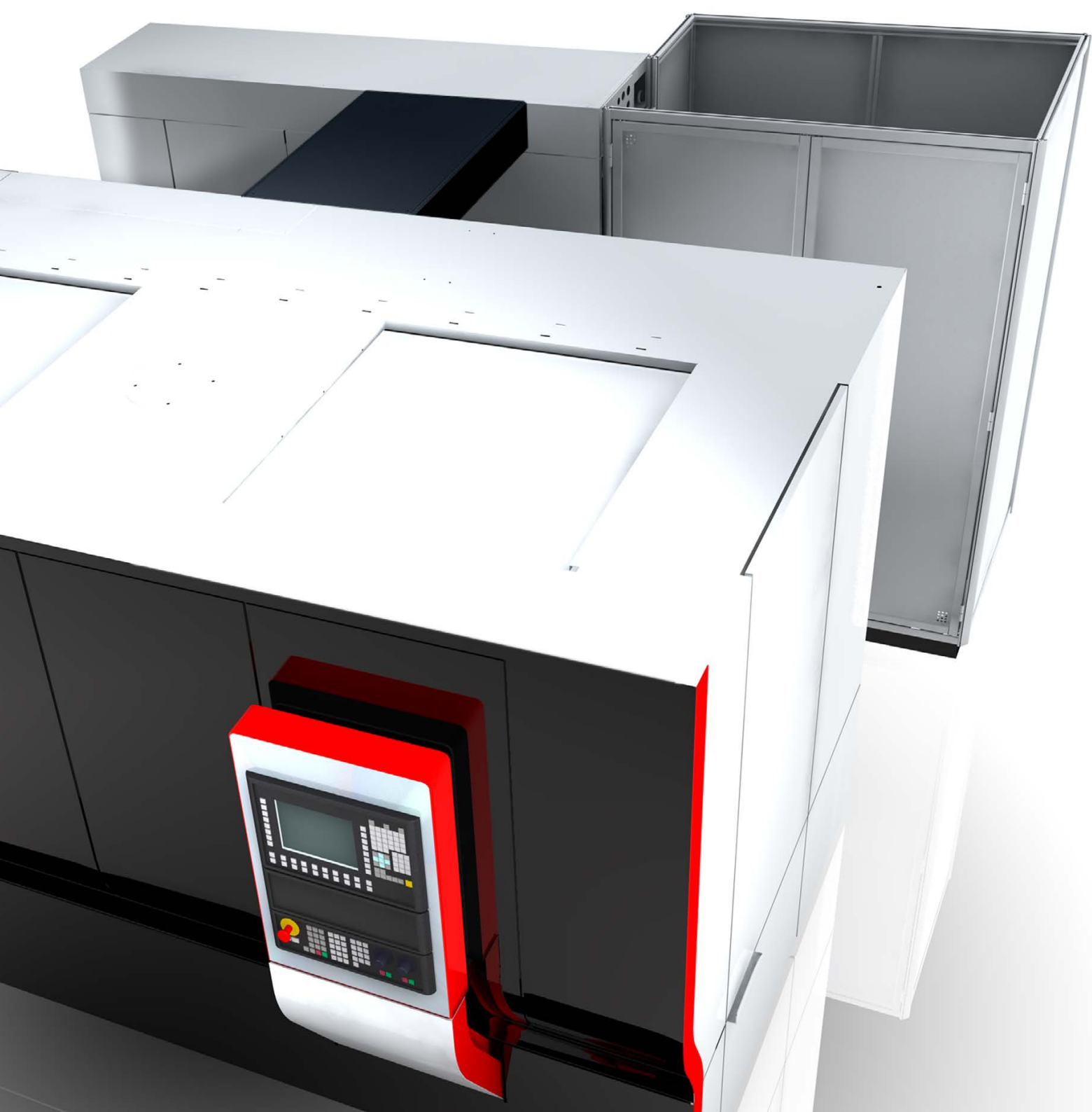
抛光臂的数量
Superfinishing tape arms

最多15个
max. 15

外形及功能
紧凑式设计

Form and function
Compact design





无论是原型机床的有限加工或是高度柔性化的生产线，德国索菲纳CenFlex1砂带抛光机涵盖了应用范围内所有的领域，机床高度可靠并兼顾经济性。

根据具体的应用，机床可以设置为单工位或者多步骤抛光工艺，还可以是在同一台机床上分步加工凸轮轴和曲轴。

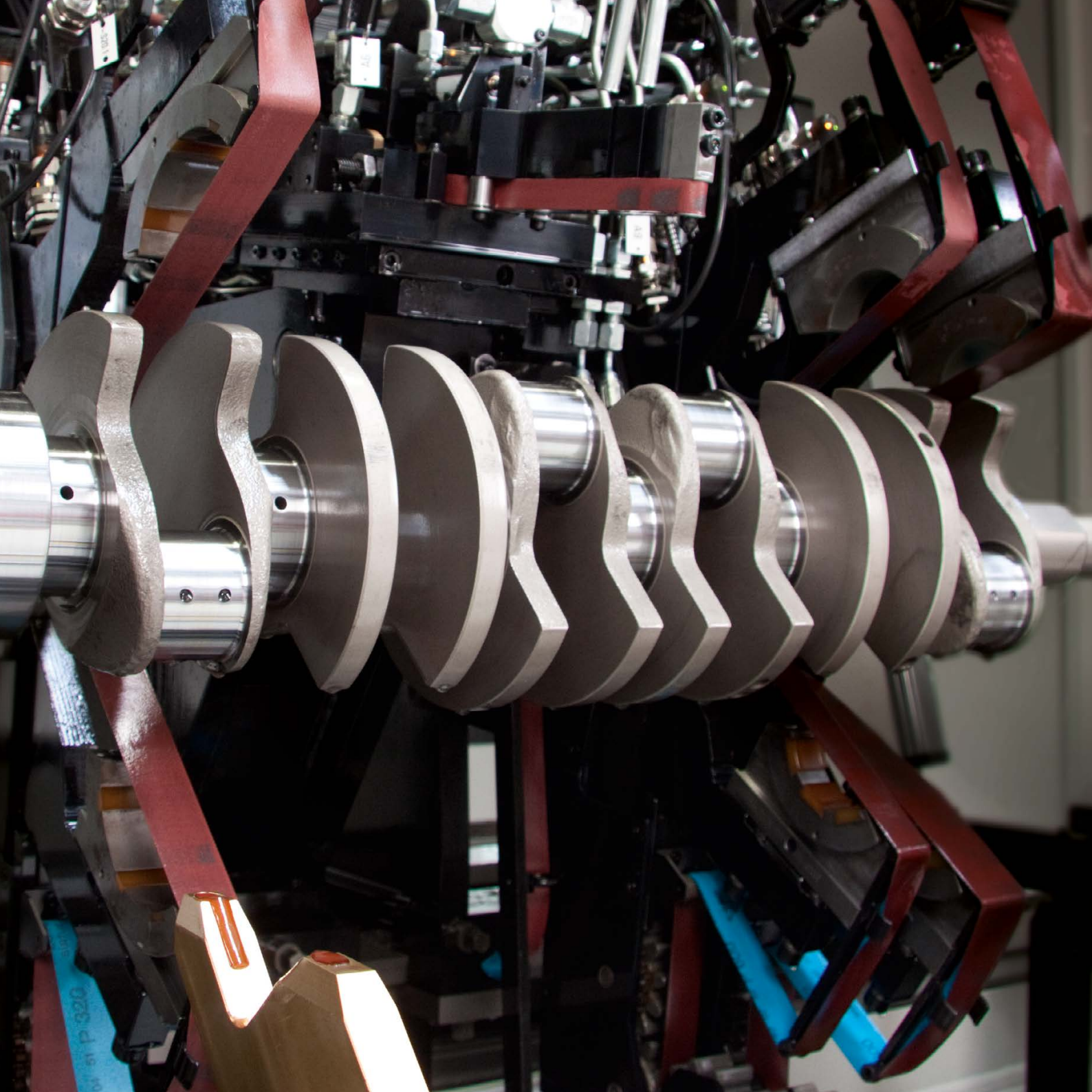
Whether it is a limited production of prototypes or a flexible production line, the Supfina CenFlex 1 covers all areas of application with its high reliability and economic efficiency.

Depending on the application the set-up is either a one- or multi-step machining process of the workpiece or a step by step process of a cam- and crankshaft on the same machine.

应用于汽车发动机行业的砂带抛光机
曲轴，凸轮轴和齿轮轴

Superfinishing for automotive
Crankshafts, camshafts and gearshafts





- 工件换型时全套抛光臂自动工装调整
 - 简便和快速换型式抛光瓦
 - 使用“硬质”和“软质”的复合式抛光瓦
 - 单个抛光臂组可以最多安装15个抛光臂进行分步式抛光加工（每个数控程序）
 - 同一台机床可以加工多种类型的轴类工件（例如在同一台机床上加工凸轮轴和曲轴）
 - 可以选择单个抛光臂进行再次抛光
 - 新工件换型既简便又经济
 - 通用型上下料装置：手动，桁架机械手和旋转式上料托架
- Automatic tool adjustment of all installed Superfinishing tape arms to another workpiece
 - Easy and quick changing of shoes
 - Use of 'hard' and 'soft' shoes
 - Up to 15 Superfinishing tape arms in a block or step-by-step machining process (per CNC Program)
 - Varying types of shafts on the same machine (for example cam- and crankshafts)
 - Selection of individual tape arms for possible refinishing
 - Easy and cost-efficient adjustment to new workpieces
 - Universal loading and unloading: manual, gantry loader or swivelling pallet system

细节

主要特点

Facts

Key features



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