

Highlights for the METAV 2010 in Düsseldorf

1. Supfina Planet V7 - the new dimension in Double Disk Grinding
2. Supfina Lean Cost Machine - the modular Superfinishing System

1.

Wolfach, 12.01.2010

With its Planet V7, Supfina is launching a new dimension in double disk grinding at METAV in Düsseldorf for flat, precision workpieces

With the high-performance, extremely rigid machine construction in the Planet series, Supfina offers end-users a choice of two available machine sizes, both providing top-of-the-range final qualities for workpieces with diameters of 5 - 180 mm and heights of 0.5 – 100 mm. At the same time, the Supfina Planet V4 and Planet V7 models reduce costs per part.

These benefits are ensured through the unique features provided by the machines, such as the patented tilting navigation system, an operator guidance system facilitating machine setup; integrated tool-change device and a modular dressing system for conventional and superabrasive tools.

In addition, users can choose between through-feed and reciprocating grinding modes to enable them to respond flexibly and effectively to changing quality needs.

The ergonomic construction of the Planet V series with their integrated switch cabinets, also guarantees exceptionally good access and service-friendly maintenance. The compact dimensions of the machines makes them especially suited to incorporating in existing production processes.

The experience and requirements of renowned customers from such fields as automotive, ball bearings, blanking technology and the watch & clock industry are continuously fed back to support the further development of our products.

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Fig.1 Supfina Planet V7



2.

Supfina Lean Cost Machine - the modular Superfinishing System

With its new Lean Cost Machine, Supfina offers versatility of the highest level for superfinishing small and medium-size runs – economically and flexibly. This extremely versatile modular system, fitted out with state-of-the-art machine technology, meets the highest standards of quality and process dependability, in particular in such fields as the automotive industry, OEM suppliers, the hydraulics industry and medical technology.

Supfina's Lean Cost Machines can be equipped with ready-assembled modules designed to match specific machining tasks. Whether fixed in place, manually adjustable or NC controlled, as many as six Supfina attachments for stone and tape finishing can be used at the same time as brushing and polishing attachments. Thanks to the unique design of this installation, all the modules can be integrated in the machine with no further effort.

In developing this sophisticated design, not only the best possible configuration of the various Supfina attachments was taken into account, but all the additional machine assemblies such as the switch cabinet, safety cover, attachment mount and operating panel can all be fitted to ready-made holders or bolted to predefined places to suit the current needs. The machine itself can be freely configured to match the installation conditions on-site and the workpiece feed. Workpieces to be machined can be fed by hand or passed through the machine by a feed system from above, the front or from the side. A further feature is the positioning of the filter module with a tank volume of approx. 150 litres beneath the machine – maximum flexibility combined with minimum floor space requirement.

Consistent standardisation of all the assemblies ensures short delivery times, easy expansion and the highest quality in terms of machine construction and products finished. Supfina's Lean Cost Machine – affordable, versatile and fit for the future.

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Fig. 2 **Supfina LeanCostMachine**



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Supfina Surface Finishing Systems**

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