Quality from Oberfranken

The Maschinenfabrik WEBER is headquartered in Kronach, in Upper Franconia / Germany. This traditional company exists since more than 100 years and is since then a manufacturer of grinding machines. WEBER assures innovation and high-quality mechanical engineering.

ECO Motors

In order to protect the energy resources, WEBER equips their machines with Inverter-controlled sanding belt drives and high-efficiency rated motors. Therewith, especially in the partial load range, significant energy savings can be achieved.

Technical data

- Working widths: 1,350 and 1,600 mm
- Versions with 1 to 4 sanding stations
- Modular machine concept
- Arrangement of the sanding stations freely selectable
- Drum drive up to 30kW
- Vacuum system with blower

ECO Dedusting

Removing dust from the surface after sanding is solved with a patented design. The dust is blown off the work pieces by a self-propelling and individually controlled compressed air propellers, that are only activated directly in the work piece area.
WEBER ECO – innovation and efficiency in energy and resources

CBF-technology for a perfect surface

A ground surface free of oscillating marks is an outstanding quality feature. This applies today to all high-quality grinding tasks. Therefore WEBER has found the solution with the CBF-technology. It works with a transverse pressure segment belt that is located inside of the broadband stations. The pressure lamella continuously interrupts the contact with the sanding grains and thus prevents the sanding belt from leaving unwanted chatter marks. The surface is calm and even. At the same time, the continuously changing force prevents the generation of heat on the surface, which keeps the sanding belts from sticking during lacquer and plastic surface finishing.

Order-related complete delivery

With the complete automation package from Siemens the required machine functions can be realized efficiently and cost-effectively, logistics and spare parts stock can be optimized at the same time and the number of suppliers can be minimized. Today Siemens supplies automation technology, which is compatible and accorded to all WEBER machines, from switchgears and circuit breakers to the SPS SIMATIC S7-300 with HMI-Panel up to drives, motors and safety engineering.

User-friendly interface

Well-known users all around the world work with this belt sanding machines and appreciate apart from best grinding results also the intuitively easy set-up and operation of the machines. So there’s a Multi Panel MP277 or MP377 Touch from Siemens at all WEBER machines. The larger MP377 will be the first choice, if the requirements regarding visualization and user guidance are particularly high and if a lot of variables have to be processed quickly.

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