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Super Matte to Piano Finish

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HIGH GLOSS SANDING

HIGH GLOSS SANDING WITH

KSA 8



CROSS SANDING UNIT



LONGITUDINAL SANDING UNIT



LONGITUDINAL SANDING UNIT WITH PRESSURE SEGMENT BELT



CROSS SANDING UNIT



The use of a combination of cross and longitudinal sanding belts has proven particularly suitable for this lacquer type. Heesemann employs cross sanders for this work which ensure a uniform material removal rate even with fine grits and a good surface finish with the cross sanding. This technology ensures a uniform and flat surface.

Heesemann has produced sanding machines for the industry and craftsmen for more than 80 years. Numerous trend-setting, essential innovations were made during this time, many of which are now industry standards. Heesemann has, throughout its history, consistently provided new inventions and revolutionized sanding technology.

Heesemann has always been the leader in innovative sanding technology and every decision we make is with this objective in mind. Today Heesemann is the world market leader in the area of wood sanding machines.

A world-wide organized distribution network and service subsidiaries in the most important regions and markets provide appropriate local contact people, guarantee efficient communication and the highest parts and service department performance.

Heesemann supports our customers with broad service offerings covering the entire lifetime of our machines. In South Africa our agent Woodfinish Management offers a wide spectrum of services such as an extensive application consultation, professional training of your staff and technical support.

Heesemann sanding solutions for high gloss production lines

Heesemann is proud to be involved in the new high gloss project on melamine coated boards for South African board producer PG Bison. The project is undertaken in co-operation with other leading companies like Spanish coating solutions provider Barberán and adhesives provider Kleiberit.

Heesemann supplied many heavy duty surface sanding machines for similar high gloss production lines worldwide. Heesemann offers customised solutions for these lines, but reports that the KSA 8 model is especially suited to high gloss production environments. The Heesemann KSA 8 with a sanding width of 2.300 mm allows the sanding of wide boards such as those produced by PG Bison. The combination of cross and longitudinal sanding units ensures a plane and mirror-like surface from one edge to the other. On a sanding width as large as 2.300 mm the tolerance compensation of the Heesemann CSD® magnetic pressure beam system is a very important feature. Tolerances in work piece thickness of 2 mm within one work piece or from one work piece to another are effectively compensated.

Another key feature especially with thin lacquer coats is the most precise sanding pressure adjustment of the CSD® system. The sanding pressure at each pressure beam element is continuously adjusted depending on the shape of the work piece and its position on the transport. The intensive belt cleaning of the Heesemann sanding units ensures dust-free work pieces. This is of great importance especially in thin lacquer systems.

To save energy, the Heesemann KSA 8 is equipped with the company's EnergyManagement-System (EMS). The drive motors of the sanding units and the vacuum blower are run down to a very low speed if there are no work pieces inside the machine. They are automatically run up again at new incoming work pieces. This system unburdens the environment and reduces

energy costs. With the Heesemann KSA 8, manufacturers get the best possible machine for high gloss application as an integrated part in the Barberán line. The co-operation of three major roleplayers, Barberán, Kleiberit and Heesemann, ensures the best quality boards.

Heesemann company overview

Heesemann has been producing sanding machines for industry and handicraft for over 80 years. During this time some essential and trend-setting innovations were made, which still endure. Heesemann has consistently provided new impulses and expedited sanding technology. Today Heesemann has about 150 employees in Bad Oeynhausen, Germany and is a world market leader in the area of wood sanding machines. The production programme includes machines for the sophisticated handicraft as well as huge industrial machines. In addition to the area of wood sanding Heesemann currently expands its market share in the area of metal sanding machines. The export quota is about 80%.

Heesemann sanding machines are made both for high-quality handicraft and to meet the requirements of industrial production. A Heesemann works as a single workplace solution just as well as when it is an integrated component of a production line with a higher-ranking control system. Thus it is totally irrelevant how high the production volume is supposed to be; the modular set-up of Heesemann sanders allow individual adaptation of all sanders to meet the customer's needs.

Edited by Sinette Goosen



A Heesemann KSA 8 sanding machine equipped with four sanding units