



**Pot production:
Gluing of inner and outer pots**

Application description



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Market situation

Different materials are often used when packing foods. Joining these materials imposes high demands on the gluing equipment.

Gluing

In this project, dot application was achieved with the help of a special, domed nozzle. The nozzle has three outlets, separated by an angle of 120°. As a result, three dots are applied simultaneously by a single nozzle.

Dot diameters upwards of 3 mm were realised, the HM-500-D hot melt application head being operated in dot mode via an amplifier board. The machine control system merely supplied the appropriate starting signal, the amplifier board then ensuring perfect control parameters. The adhesive was applied cleanly, without stringing and without contamination.

Thanks to the preliminary trials conducted at the hhs SolutionCenter, installation presented no problems. The system parameters determined beforehand were preset, allowing the customer to start production immediately. So, there was no need for a time-consuming commissioning procedure.

Reliability

The system is used to produce between 12 and 15 million pots per month. Consequently, the combination of system reliability and clean dot application was decisive for the purchase.



Advantages at a glance

- More marketing options due to great material diversity
- Precise dot application
- Preset system parameters
- Reliability in production