

Benefits of HOFMANN Airless Machines

We have summarised the particular benefits of our technology below:

1. Greater capacity and thus higher speeds. We are constantly getting confirmation of this from customers who have changed over to our technology. In the case of systems with pulsation dampers, the upper limit is often determined by effects such as the resistance of the so-called pulsation dampers. HOFMANN technology does **not** require pulsation dampers.
2. When using 1:1 2-component materials, the two base components may often have different viscosities (manufacturer-linked differences from batch to batch, temperature differences during refilling of one of the two components, lingering preliminary reaction from premixing of the components with a hardening agent). However, when the viscosities differ, pulsation dampers also work in different ways and this can lead to extensive problems. Then, as a customer with both a conventional and HOFMANN machine in his machine park put it, "the HOFMANN machine has to be fetched" in order to continue using the materials without there being any problems.
3. Combined markings of continuous and interrupted lines are an option due to the possibility of also delivering twice the quantity of material in sudden bursts with the opening of a second gun. However, this is not (yet) possible for 2-component materials due to the need to immediately rinse guns that have been inactive for a longer period when transferring to just one line.
4. AMAKOS[®] procedures are possible, HOFMANN's strength for more than 25 years!
AMAKOS[®] is an abbreviation of a German expression meaning the **application of maarking material with constant spraying thickness.**

This procedure allows for the marking speed to be changed across a large range, irrespective of viscosity fluctuations and without changing the preset quantity of material per line metre.

5. At long last, our so-called pressure variator has now also been perfected. During airless spraying, line width changes from changes in the material flow through the nozzle associated with changes in the marking speed are avoided, provided the machine has been adjusted correctly. See information sheet No. 372.

Thanks to this invention, AMAKOS® Airless has become even more important than ever.

6. Pallet system: For each of our H33, H26 and H18 machines, we have a huge range of other equipment available for the various other marking materials and type of applications, all palletisable.

HOFMANN GmbH