Enrichment of atomised air with additives

airmatic Revolution

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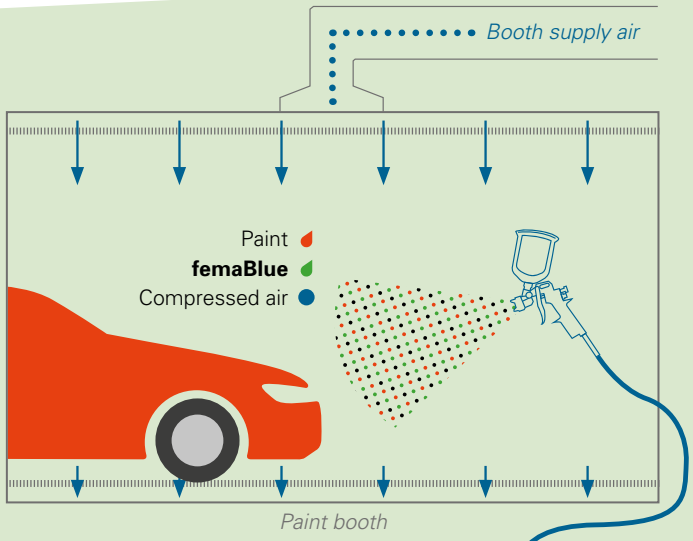
The Revolution in the application!

Enriched atomised air for moisture-curing solvent-based painting systems as well as air-drying painting systems with femaBlue 2901.



Reliable and fast paint drying and curing

- Same painting conditions all year round
- Increase in capacity
- Material and energy efficiency
- Reduction in CO_2 emissions

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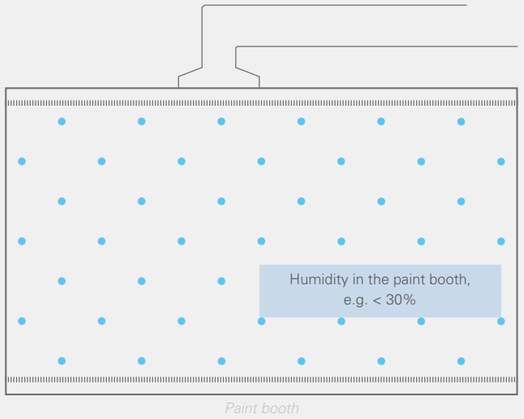
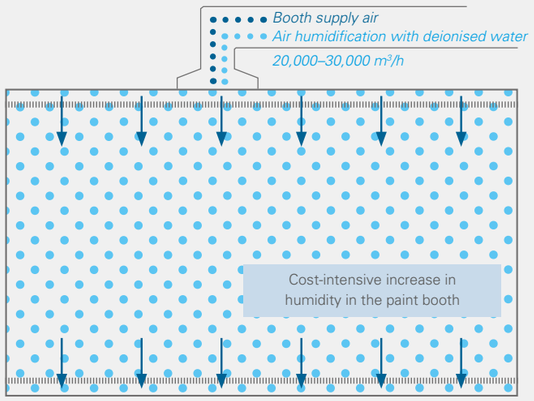
Enrichment of atomised air with the ...



Paint booth

Initial situation (problem):
- Constantly changing climatic conditions
- Year-round process reliability is not guaranteed
- Many different work processes in the paint booth
- Optimum painting process depending on the ambient climatic conditions
- Relative humidity in the paint booth is often not sufficient for the requirements of various painting systems

"The future!"



Paint booth

State-of-the-art (current solution)
Technical humidification of the booth supply air is required to achieve the minimum requirement of 40–60% relative humidity.

Disadvantages:
- Humidification of large volumes of air is necessary
- High demand for deionised water
- High investment costs
- High energy costs
- Risk of microbial contamination
- Long process times due to changing climatic conditions in the paint/drying booth
- Rusting paint booths

Painters are thrilled about the **"Revolution"**

- High painting quality
- Improved distribution
- Better paint stability
- Fewer paint runs
- Less dust and dirt entrapment
- Reduction in outlay for finishing work
- Reduced overspray
- Pleasant painting conditions
- Reliable adherence to the required humidity in changing climatic conditions
- The reaction with the paint and therefore the curing already take place in the paint jet
- Painters do not have to change the way they work when using the **airmatic-Revolution**

... airmatic-Revolution!

airmatic Revolution
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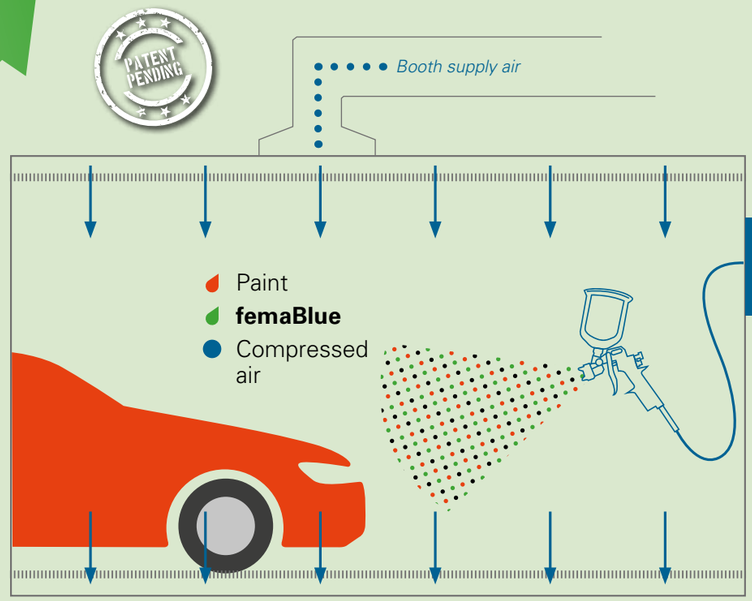
Enrichment of atomised air with **femaBlue 2901**

Greater process reliability ! **Less** paint consumption ! **Lower** operating costs ! **Lower** investment !



Paint booth

The advantages for paint shops:

- Can also be retrofitted into existing systems without great outlay
- Very fast amortisation
- No need for booth air humidification
- Paint savings of 10–20%
- Ultra fast drying and curing times
- Increase in capacity
- High quality
- Reduced or no oven drying is required
- Material and energy efficiency
- Process reliability
- The admixture of other specially selected additives is possible through a reactor with nanotechnology

With all its advantages:
The full version of the **airmatic-Revolution** can also be combined with **airmatic spray optimisation** in manual painting. This means that you also benefit from optimised and more efficient paint spraying.
Paint savings of up to 20%!

femaBlue 2901

airmatic
Revolution

ensutec | Environment and Surface Technologies

Tested positively by well-known paint manufacturers!

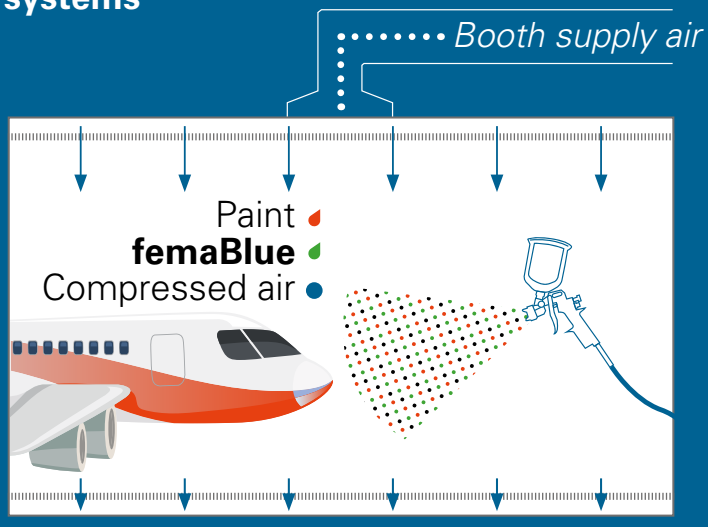
- **Paint savings of more than 10% are possible**
- **Low paint drying and curing times**
- **Increase in capacity by up to 50% is possible**
- **Reliable year-round painting without constant climatic changes**

Aviation and aerospace

Bodywork and car repair shops

airmatic-Revolution is suitable for

- **Moisture-curing solvent-based painting systems**
- **Air-drying painting systems**



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