

for Web off-set printing

# *You can keep humidity of Web offset printing factory.*

In accordance with speeding up of printing machine, troubles made by static charge are increased. AKIMist®"E" can keep enough humidity and reduce static charge even if large air exhaust as web offset printing.



AKIMist®"E"

## Our customer's review

### ■ Higher productivity

As the result of reduction of static charge troubles as paper clogging in folder, miss folded paper and miss bundled paper, roll revolutions could be increased from 720rpm to 1020rpm. Paper folding speed increased from 13,000pcs/hr to 20,000pcs/hr.

### ■ Reduce waste paper

As the result of reduction of static charge troubles, frequency of machine stop was reduced. It led to reduction of waste of paper to 1/3.

### ■ Higher quality production

By humidify the roll stockyard and roll feeding part, prevent miss registration and paper wrinkle. In case of newspaper printing, prevent miss web connection when relay to new roll.

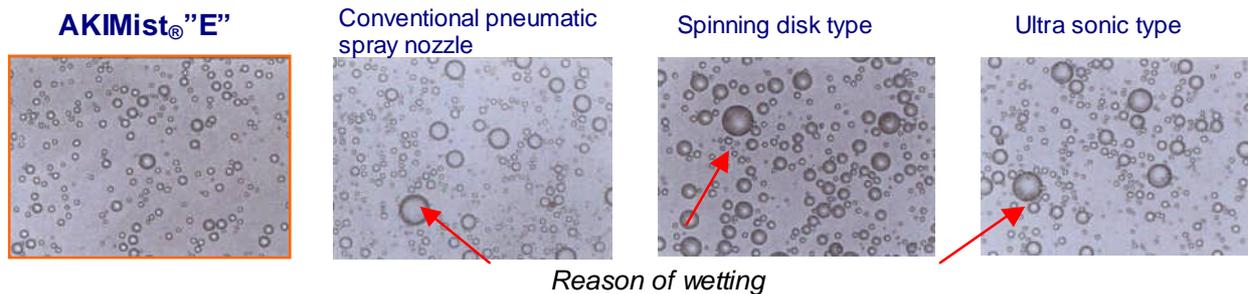


## How humidify?

As web offset print machine exhausts large amount of air from dryer, it is often difficult to keep humidity in a factory because of big energy consumption. However, troubles due to static charge are mainly occurred at folding and stacker / bundler part and if you can humidify these parts, you can reduce the troubles very much. Thanks to Dry Fog, AKIMist®"E" can be installed at very closely to the target and humidify only necessary area without wetting.

## Dry Fog humidifier AKIMist®"E"

### 1. What is "Dry Fog"?



Normally speaking if you install humidifiers close to the target, it gets wet. However, if you install humidifier far from the machine, humidity cannot reach. AKIMist®"E" sprays Dry Fog very uniformed fine mist (sauter mean droplet diameter  $7.5 \mu\text{m}$ ). It can be sprayed from close to the target and supply stable humidity where you need without wetting.

### 2. Minimize energy consumption

Because you can install AKIMist®"E" to just where you need, the installation cost and energy consumption can be 1/4 ~ 1/8 compared with whole area humidification.

## Main area of AKIMist®"E" installation

 Folding and Stacker/Bundler



 Roll feeding part



 Roll stockyard



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"The Fog Engineers"

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