



# Overspray-free application

100% transfer efficiency

## Product families

EcoPaintJet - overspray-free paint applicator

# EcoPaintJet

## Overspray free paint applicator

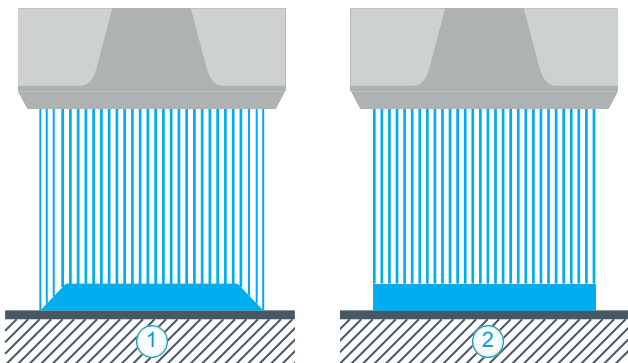
EcoPaintJet is one of the most innovative developments in the paint industry ever made. In contrary to spray guns and bells, the EcoPaintJet does not atomize the paint, but creates constant streams of paint. This increases the transfer efficiency to 100% or in other words 0% overspray. As a consequence of no overspray, the pollution of air filters is reduced significantly which saves operating costs. In addition the spray pattern created by the EcoPaintJet is razor sharp. This allows to paint stripes or other types of simple patterns without masking. last but not least, color changes are possible within a few seconds.



PRODUCT LINE	
	EcoPaintJet
Spray pattern width	50 mm
Coating distance	5-25 mm
Application speed	< 2,000 mm/s
Weight	800 g
ATEX	Ex II 3G T6

Nozzle plate is not included.

### TECHNICAL ILLUSTRATION



1 Spray pattern with overlap, 2 Spray pattern with sharp edge

### CUSTOMER BENEFITS



Paint saving (almost 100% transfer efficiency)

No masking required

lower operating costs due to elimination of overspray (e.g. reduced booth ventilation or reduced booth filtration requirements)

Significantly better environmental balance

Dürr standard components for fluid handling are retained

Fast colour changes possible

Border-sharp striping or overlapping surface application possible



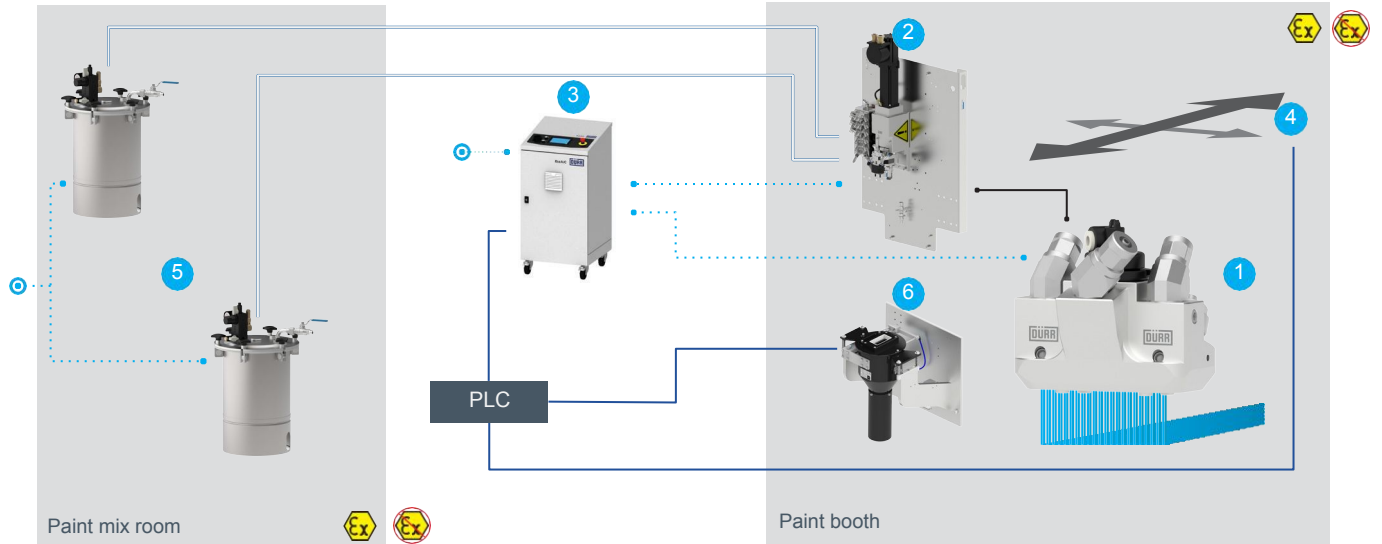
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[INP.Customer.Support@durr.com](mailto:INP.Customer.Support@durr.com)

# EcoPaintJet

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### INTEGRATION SCHEME



#### APPLICATION COMPONENTS

- EcoPaintJet
- Fluid board
- EcoAUC - control unit

- 4 Manipulator e.g. robot or X-Y-Z table
- 5 Pressure pot
- 6 EcoPaintJet Cleaner

#### ELECTRIC LINES

- Ethernet

#### MEDIA

- Paint hose
- ⋯ Compressed air
- ⊙ Compressed air source