

PAINTING EQUIPMENT

# ATIMIX SYSTEM<sup>®</sup>

[www.atesrl.it](http://www.atesrl.it)



**Perfect finishing**  
**on**  
**Electrostatic**  
**Liquid Paint!**

**Environment - Quality - Savings**



## APPLICATION

The **ATIMIX SYSTEM** can be used with

- all electrostatic disks and spray guns
- all paints (powder and liquid)
- all material (metal, plastic, wood, etc...)



## ADVANTAGES

- **SAVINGS OF PAINT**
- **BETTER PENETRATION** into corners (reduction Faraday Cage effect)
- **BETTER THICKNESS UNIFORMITY**
- **ORANGE PEEL REDUCTION**
- **BETTER NEBULIZATION**
- **BETTER TRANSFER** (greater coverage with a single coat)



- **LESS PAINT DISPERSION** (less Over-Spray and paint "rebound")
- **LESS MUD - SLUDGE** (less soiling in spray booths)
- **COST SAVINGS** on booth maintenance
- **LESS POLLUTION**



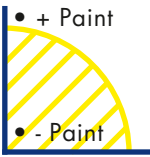
# OPERATION

The **ATIMIX SYSTEM** improves use of electrostatic charge (kV) optimising **transfer** and **deposit** of paint on work pieces

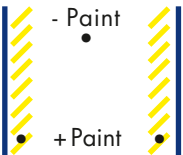


## USING CONVENTIONAL SYSTEMS

Static charge accumulates in 2 areas due to "physics" laws:



1) **CORNERS** = Faraday Cage effect  
= **problems of penetration**  
= LESS paint inside, MORE outside



2) **EDGES** = more charge (and paint) on the edges than in middle of work piece  
= problems thickness uniformity  
= problems paint accumulation

↗ = Electrostatic charge (kV) • = Paint

NB: increasing the charge (kV) = MORE paint defects!

## SPRAY PARAMETERS WITHOUT ATIMIX

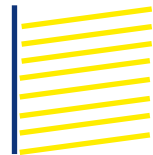
- **ELECTROSTATIC CHARGE (kV)**
- + **TRANSPORT AIR**
- + **PAINT USED**

## USING ATIMIX SYSTEM

**ATIMIX** reduces charge "accumulations" in 2 areas of the work piece:



1) **CORNERS** = Faraday Cage reduction  
= **MORE penetration** with LESS violence  
= (LESS air / LESS paint)



2) **EDGES**  
= **better delivery of charge** (and paint) on the work piece  
= **better thickness uniformity**  
= **problems paint accumulation**

ATIMIX manages charge (and paint) on the work piece!

## NEW SPRAY PARAMETERS WITH ATIMIX

- + **ELECTROSTATIC CHARGE (kV)**
- **TRANSPORT AIR**
- **PAINT USED**



PAINTING EQUIPMENT

# ATIMIX SYSTEM<sup>®</sup>

**Special Electrostatic Liquid Paint**



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