

# PowerBoost: Unprecedented Coating Performance

Thanks to Gema's PowerBoost® technology your OptiSelect® Pro GM04 manual gun and OptiGun® GA04 automatic gun can now deliver **110 kV high voltage!**

This outstanding feature gives you **extra power** to increase transfer efficiency, charge more powder and finish your coating job quicker. PowerBoost gives the gun always sufficient power reserve.

All this without compromising the safety of your operators and of your line, thanks to Gema's advanced **protection technology.**



Higher Productivity,  
Faster Coating Speed

Super Safe  
Operation

Maximum  
Coating Performance

# PowerBoost: How Does it Work?

The high-performance technology is based on the combination of three essential components (see an example on the right):

- Electrostatic Control with **advanced software** for charging process and compliance with safety regulation
- Powder Gun with **high performance cascade**
- PowerBoost Nozzle has special design for more **efficient charging**



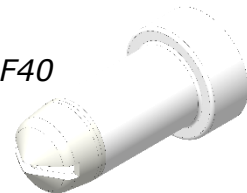
*OptiSpray All-in-One*



*OptiGun GA04*



*PowerBoost Nozzle NF40*



# PowerBoost Nozzles

## PowerBoost Nozzle characteristics:

- Cloud soft cloud  
wide brush spray pattern  $>55^\circ$
- Material non stick high quality materials  
(PTFE / ETFE / PP)
- Application ideal for large parts and fast coating



*Flat jet nozzle NF40  
For manual and automatic coating*



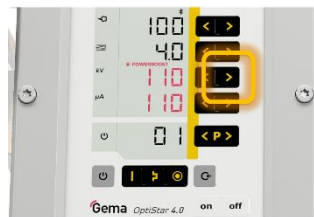
*Flat jet nozzle NF50  
For robot coating*



# PowerBoost: Activation

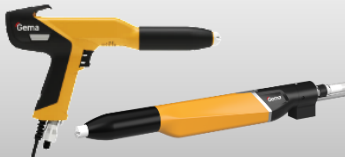
- Direct switch on gun (*toggle between PowerBoost and previous program settings*)
- On OptiStar 4.0 (*without CAN-Bus connection*) by selecting spray voltage above 100kV
- E-App by typing spray voltage above 100kV
- MagicControl 4.0 (CM40) selecting spray voltage above 100 kV

Manual gun OptiSelect GM04	Automatic gun OptiGun GA04
X	
X	X
X	
	X



# PowerBoost: Super Safe Operation

- Thanks to the **PowerBoost** mode, your gun can now deliver **110 kV / 110  $\mu$ A**
- The **intelligent** technology **monitors** the charging process and **ensures safety** in every coating condition for your operators and your coating line.



EN 50050-2:2013, EN 50177:2009/A1:2012