

Application Success Stories

EFFICIENCY OF THE MANUAL UNIT OPTIFLEX®2 S



ZINC PRIMER
APPLICATION

POWDER SAVINGS

ADVANTAGES OF
THE "S" UNIT'S
CONIC TANK

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Layout

Technical Data OptiFlex 2

Electrical data

Nominal input voltage	100 – 240 VAC
Frequency	50 – 60 Hz
Temperature range	0 °C - +40 °C +32 °F - +104 °F

Pneumatic data

Max. input pressure	10 bar / 145 psi
Min. input pressure (dynamic)	5.5 bar / 80 psi
Max. water vapor content of compressed air	1.3 g/Nm ³
Max. oil vapor content of compressed air	0.1 mg/Nm ³

Approvals

Manual powder gun OptiSelect Type GM03	CE0102 II 2 D PTB11 ATEX 5006
Manual gun control unit Type CG13	CE0102 II 3 (2) D PTB11 ATEX 5007
Manual coating equipment OptiFlex 2	CE II 3 D IP54 120 °C

Dimensions OptiFlex 2 S

Hopper volume	18 l
Compressed air consumption normal operation	5.5 Nm ³ /h

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Installation Key Data

Parts : Large variety of metallic parts' sizes

Powder types:

- basic
- metallic
- zinc primer

Scope of Delivery

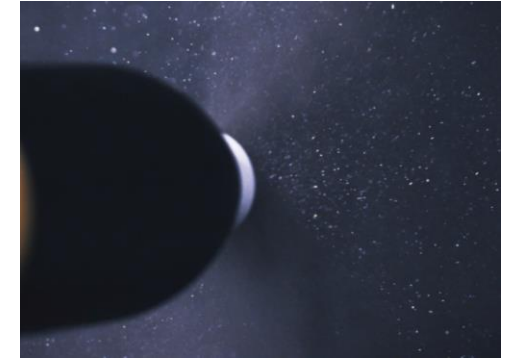
- 1 x OptiFlex 2 S on trolley
- 1 x Powder conic tank
- 1 x OptiSelect GM03 manual gun
- 1 x IG06 injector



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This dynamic SMEs created by Mr. Tatoli in 1998 and employing 8 people, has been working in powder application since 2000 as required by its changing market. Advised by his local distributor and by our manual sales manager, Mr. Tatoli and his operators do appreciate the common advantages of the 3 OptiFlex@2 units B & F of SMP's machines park : Easy settings with the GM03's remote control, clear display of the OptiStar control unit, quality of the finishes, not breakdown issue ... But to perform the application of



a difficult zinc primer, SMP chose an "S" unit (unique system of the powder market with stirrer, and with powder recovery at the bottom of the conic tank). Usually, the heavy particles of this zinc primer generate powder output losses. After the first application, SMP's operators are all unanimous regarding the application speed. But they note a lot of other advantages :

- Quick filling of the powder tank,
- Processing of small powder quantities without loss
- Easy and quick color change,

thanks to the emptying of the powder at the bottom of the tank

- Best finish quality
- 20% of powder savings on the 3 tons of primer applied per year (around 6000€/year)
- This unit combines the B and F units' advantages too.

For the future Mr. Tatoli has a lot of projects in mind. His success ? A strong team working with him from the beginning, the support of his distributor and of our colleague, reliable equipment. "we cannot move forward without each other" .