

Steenwijk, April 2013

## More power from Agrifac Sprayers 2013

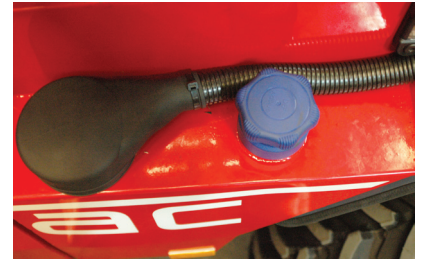
### Condor AdBlue: maximum efficiency, minimal impact on the environment

The world needs food, more and more. More efficient agricultural production and higher yields are needed from less cultivated land to satisfy this growing demand. Therefore Agrifac manufactures "Brilliant Simple" machines. For manufacturing Brilliant Simple machines, Agrifac deploys the "4E for growers" concept. The 4 E's stand for: Efficiency, Economy, Ergonomics and Ecology. Every Agrifac product and innovation is developed and designed according to these 4E's. This enables Agrifac to develop according to customer needs and stay ahead with innovative solutions.



### Minimal environmental impact

Agrifac has always been at the forefront of minimising environmental impact with innovative technology. **HighTechAirPlus** for instance reduces water usage by up to 50%. And more recently, **GreenFlowPlus** for minimised residual liquids left in the spray tank, and **AirFlowPlus** for maximum spray penetration and reduced chemical use. As of today, the product offering of the Condor self-propelled sprayer range has been expanded with a new engine: more power but with less diesel being consumed - The Condor AdBlue. Agrifac has selected an engine that uses Selective Catalytic Reduction (SCR) technology. The SCR-technology uses AdBlue as an additive fluid that is injected into the exhaust gas system and reduces the emission of harmful NOx exhaust gasses. The main reasons for preferring SCR-technology over EGR (*Exhaust Gas Reduction*) technology are the compact build minus the need of diesel particle filters. Benefits of this engine are a greater engine efficiency, less maintenance (*servicing costs*) and minimised ecological impact. Condor AdBlue is available with 151 kW (205 bhp) or 210 kW (285 bhp) engines. The Agrifac Condor is the first self-propelled sprayer on the international market to fulfil the Stage IIIB / Tier 4A regulations!



Excellent accessibility to the 30 litres AdBlue tank. The tank is integrated into the oil tank and can't be mistaken with its blue filler cap.



The maintenance free SCR-muffler is fitted above the main tank.

## Choice of engine power

After thorough testing and very positive customer feedback, Agrifac introduces the new engine with two different power outputs. Both engines are sourced at the innovative specialist FPT (*Fiat Powertrain Technologies*). Branded Iveco, both AdBlue engines have six cylinders and 151 kW (205 bhp) or 210 kW (285 bhp). The more powerful 210 kW AdBlue engine, is especially suited for hilly conditions and situations where more power is required. This includes the 5,000 litres flagship model and the **LiquidPlus** model for the application of high density liquid fertilisers up to 1.6 kg/l. Both engines are available for all types of Condor models.

## Technical specifications Condor AdBlue

- Cylinders: 6-cylinder engine
- Size: 6,7 litres
- Bore x Stroke: 104 x 132 mm
- Rated power: 151 / 210 kW (205 / 286 bhp)
- AdBlue consumption: 5 – 6 % fuel weight consumption (at peak torque and rated power)
- Diesel tank: 300 litres
- AdBlue tank: 30 litres

## Coming soon: Agrifac Condor XXL

At this year's Agritechnica, Agrifac will introduce another addition to the vastly growing Condor product portfolio: an XXL size Condor. This model will feature a lengthened 4-wheel **StabiloPlus** chassis, a much bigger tank and an even stronger engine. The Condor XXL will revolutionise high capacity spraying with working speeds up to 40 km/h. The bigger main tank is especially valuable for customers that have limited access to water resources. With the brilliant simple **StabiloPlus** chassis, the centre of gravity remains low for safe working in hilly conditions. Excellent maneuverability will be guaranteed with just four wheels and an empty weight lower than any alternative.

## ENDS

563 words.

Note to editors: click the images to download hi-res versions from our image bank.



## Agrifac Machinery B.V.

Agrifac is a leading producer of agricultural sprayers and sugar beet harvesters. Agrifac makes “Brilliant Simple” machines. For producing Brilliant Simple machines, Agrifac uses the “4E for growers” concept. The 4 E’s stand for: Efficiency, Economy, Ergonomics and Ecology. This results in machines that are good for the driver, the business owner, the supplier and the environment. The machines retain their value, are efficient and technically trend-setting, with the lowest costs per hectare as the result.



“For growers” also refers to leading and growing companies. By this we mean Agrifac customers, but also Agrifac as a company itself. “For growers” also stands for our roots: the care of crops in the most economical way with more profit as the result. Should you require any additional information, please do not hesitate to contact

### **Agrifac Machinery B.V.**

Eesveenseweg 15  
8332 JA Steenwijk  
the Netherlands

### **Agata Michalak**

*Int. Marketing Manager*  
+31 (0) 653 134 883  
a.michalak@agrifac.com

**T:** +31 (0) 521 - 527210

**F:** +31 (0) 521 - 517328

**E:** [info@agrifac.com](mailto:info@agrifac.com)

**W:** [www.agrifac.com](http://www.agrifac.com)