



eco
welfare
unit

Mobile eco-welfare support for all your remote activities



Another innovation from Stag Security Services – **Huge reductions in CO2 emissions plus massive cost savings on diesel fuel!**



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Stag Security Services provide security officers and Ford Transit mobile welfare units to remote project locations for many clients throughout the UK.

During a recent review of our service, we identified that the standard 'hire welfare vans' were emitting massive amounts of CO₂. To maintain power supply in the welfare vehicles, engines would run for 6-12 hours a day which means refuelling the vans regularly just to maintain basic welfare provision.

CASE STUDY

For one Stag Security Services client, every welfare van deployed was using around 109 litres of diesel per week, which equates to 287kg of CO₂, or 1.71kg of CO₂ per hour. In 2009 we provided around 59,000 hours of mobile welfare support to this client – a total of 100 metric tones of CO₂.

Over the past six months we have invested in developing a 'greener' Ford Transit Mobile Welfare Unit. Initial test results on our prototype vehicle show that in the case of this client, we can reduce weekly consumption of fuel to less than 10 litres a week – a **staggering 91% reduction in CO₂ emissions as well as a cost saving of £6000 per year on diesel!**

**91% reduction in
CO₂ emissions!**

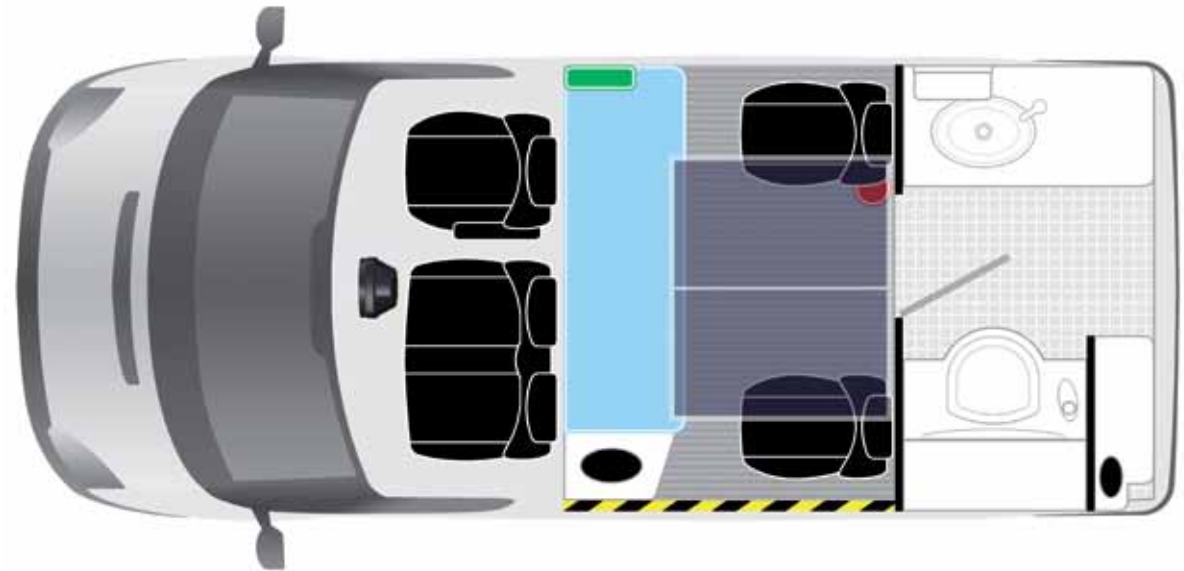
**Saving of 99 litres of
diesel fuel per week
– a cost saving of
over £6000 per year!**



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Our unique and revolutionary Ford Transit Mobile Welfare Unit incorporates a variety of innovative energy saving features:

- Reduced vehicle size from LWB to MWB
- Reduced engine capacity to 2200cc
- Reduced seating from 8 to 5
- Enlarged triple battery units
- LED low voltage interior and exterior lighting system
- On-demand air and water supply
- Low voltage heating system
- Multiple high-efficiency solar roof panels, providing constant battery charging during daylight hours
- Roof-mounted wind turbine to trickle charge batteries day and night
- Specially developed super-efficient charge regulator to maximise solar panel and wind turbine performance
- Water recycling system which uses hand basin water for toilet flushing



Stag Security Services – pioneering new security standards across the UK



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**New units available to purchase from
£33,750 + VAT**

With fuel savings of up to £6,000 per year, based on a typical 5-year life-cycle, the fuel savings almost cover the capital cost of the purchase!

**Units available to hire from
£395 + VAT per week**

To find out more call 0800 825 0502

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