

# THE 50' CONTAINER

AN INTERMODAL INNOVATION



# THE BIG BOX HAS ARRIVED!

In late 2012, the Department for Transport reviewed the measures taken by the British Freight Industry to reduce its carbon emissions, which concluded that the Government should continue to support an industry-wide reduction approach, rather than introduce regulation.

Malcolm Logistics is very much aligned with the Government's ambitions. In fact, for more than ten years now, **we have consistently pursued a carbon reduction policy**, by exploring innovative multi modal opportunities to reduce the impact of our daily road and rail movements, while maximising potential savings in time, handling and fuel usage.

**Our most recent response is dynamic. And will, in our opinion, prove to be a Game Changer within our industry.**



Malcolm Logistics is proud to announce the launch of its **50' Big Box Container** concept, which is set to revolutionise the way goods will be moved in the future. In parallel, we have also engineered a versatile new Trailer which is easily and safely extended to accommodate our new super-sized containers.

Now our customers have the facility to move **15% more freight per journey** (over the largest available conventional container).

And, by using a combination of our eco-friendly Road and Rail services, we are able to achieve a **13% reduction in CO2 emissions per pallet**.

Let us show you the difference Malcolm Logistics' Big Box and Trailer innovations could make to your business, from both financial and green perspectives.



**Call now on 01698 835871 or e-mail [stewartf@whm.co.uk](mailto:stewartf@whm.co.uk) now for full details or to arrange a meeting.**

### Some Useful Facts

- Malcolm Logistics operate 70 trains per week between Grangemouth and Daventry
- Malcolm's new 50' Container will accommodate 30 pallets of goods (4 more than a 45' Container)



- Malcolm Group are committed participants in the Government's 10 year "Long Trailer Trial" and have allocated 101 trailer lengths @15.65mtrs and 34 @ 14.6mtrs for this purpose
- The current Megafret type Rail Wagon will easily accommodate container lengths of 50' [15.24m] maximum

### Trailer Compliance

- Our new trailer, in its road legal condition, laden with a 45' container, is fully compliant with Construction and Use Regulations
- By embracing the latest steer axle technology, we meet the turning circle requirements defined in C & U Regulations and the Longer Trailer Trial Technical Requirements
- In its 50' position our new trailer meets the requirements of the Road Vehicle Lighting Regulations

### Economy Example

WHM Grangemouth – Daventry = 330 rail miles @ 0.8mpg, 412.5 gallons / 1875 litres gas oil

Total direct Greenhouse Gas emissions for Gas Oil per litre = 2.93kgs

Total emissions for journey = 5493.75kgs CO2e @ 936 pallets = 5.86kgs

CO2e per pallet @ 1080 pallets = 5.08kgs

CO2e per pallet = 13.3% further reduced using our longer length container

2013 Guidelines to Defra / DECC's GHG Conversion Factors

CO2e comprises the effect of CO2, CH4 [methane] and N2O [nitrous oxide] combined