

**The Grove GTK1100 Crane arrives in a field in  
Germany carried on four trailers**



**The crane has to be assembled before it can begin the task of installing a 2KW wind turbine**

**First The Outriggers are lifted into place**



## The hook block is reeved



## The superstructure is raised





...and lowered into place



## Up goes the mast



**..which locks into the vertical position**



**The pendant supports are then lifted into place**





## The mast is telescoped



**The pendants are tensioned and the crane is ready to work**



**The tower mast is in 3 sections weighing 62 tonnes, 53 tonnes and 45 tonnes respectively.**

**Here the second tower section is lifted into place**



**The top section weighing 45 tonnes is located**





**Next the 70 tonne nacelle, the heaviest single load, is lifted**



**...and placed on to the 70m mast**



**The Grove GTK 1100 lifts an eight tonne blade in tandem with a mobile crane, assembling the propeller module on the ground**



**The blade and hub assembly weighing 42 tonnes is lifted into place**

