



Dr. Wolfgang Lust with Economics Minister Rainer Brüderle at the LTI exhibition stand (source: Schmidt-Lohmann, Hanover)

With Mobile Power from LTI to electromobility

Rainer Brüderle, Germany's Federal Minister of Economics and Technology opened the 2010 Hanover Fair on 18 April. This year, electromobility is one of the fair's main topics of focus. During his tour, the minister took the opportunity to familiarise himself with the LTI DRIVES's latest market segment - "Mobile Power" - at the LTI stand. Mobile Power from LTI means equipping mobile machinery such as wheel loaders, excavators, forklift trucks and other vehicles with electrical or hybrid drives.

The Mobile Power solutions from LTI incorporate decades of development experience gained in the electric drive sector. The drives therefor meet the special challenges that are met in the vehicles, such as strong vibrations and harsh environmental conditions. LTI is making a further contribution to our environment with this new business sector, in addition to renewable energies.

Hybrid systems that permit fuel savings of 25 % or more, can be achieved through the interaction of an electric motor and an internal combustion engine. In the case of purely electric vehicles, measuring the overall energy balance is rather more difficult. The future will show whether the most of the electrical energy needed to charge the batteries can be generated from renewable sources such as wind, solar energy or biomass. In urban areas at least, electrically driven vehicles offer additional benefits, such as the use of braking energy and the significantly reduced noise emissions.

At LTI, we are trying to make our contribution to an environmentally friendly future by means of innovative technologies.

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