

## **KAN Report 41 „Safety of agricultural machinery“**

### **Summary**

In 2005, KAN, the Commission for Occupational Health and Safety and Standardization, launched a study into the safety of agricultural machinery owing to differences in opinion in Germany regarding the safety precautions necessary on agricultural machinery. For example, guards providing protection against hazardous movements are a prominent aspect of the provisions of the Machinery Directive. Conversely, it was pointed out repeatedly in the agricultural sector that on agricultural machinery, consideration must be given to the particular conditions of mobile use and to the underlying procedures employed, and that in this context, use of the guards referred to above is often not possible. The purpose of the study was to establish the state of progress of standardization in the area of agricultural machinery and to analyze the main standards with regard to whether, and if so to what extent, they adequately support the Machinery Directive 98/37/EC. The KAN-Report 41 published in 2008 provides a basis by which the parties to occupational safety and health in Europe are able to exert influence upon the standardization of agricultural machinery at European and international level.

### **OSH work on standards concerning agricultural machinery**

On national level a discussion process of standards for agricultural machinery was started in Germany. During this discussion process all standards were reanalyzed in light of the new Machinery Directive 2006/42/EC. In 2011 the process ended with consensus of all interested parties in the German mirror committees on the necessity to revise all standards on agricultural machinery. Some points still have to be discussed in detail during the revision of the concrete standard. Against this background, KAN saw a need for close co-operation and co-ordination to be initiated between the parties to OSH within the European Union. To achieve this, the ADCO Task Force Agricultural Machinery was founded in 2009. EN ISO 4254-1 "Agricultural Machinery - Safety - Part 1: General requirements" was the first standard in revision which is now going to be published.

As an outcome of the study KAN launched two other studies: The KAN Report 48 on Safety of forestry machinery was published in 2011 and a study on actuating forces on agricultural machinery is going to be published in 2013.