

# DIN EN 909:2009-12 (English)

## Agricultural and forestry machinery - Centre pivot and moving lateral types irrigation machines - Safety (includes Amendment A1:2009)

---

| <b>Contents</b>  |   | <b>Page</b> |
|--|---|-------------|
| Foreword .....   |   | 3           |
| Introduction .....   |   | 4           |
| 1  | Scope .....   | 4           |
| 2  | Normative references .....                                | 4           |
| 3  | Definitions .....   | 5           |
| 4  | Requirements .....  | 5           |
| 4.1  | General .....   | 5           |
| 4.2  | Starting control .....                                    | 5           |
| 4.3  | Stopping devices in plot limits .....                     | 6           |
| 4.4  | Alignment - guiding .....                                 | 6           |
| 4.5  | Stability .....   | 6           |
| 4.5.1  | Pivot point .....   | 6           |
| 4.5.2  | Span .....  | 6           |
| 4.5.3  | Overhang .....  | 6           |
| 4.5.4  | Structure .....   | 7           |
| 4.6  | Power supply .....  | 7           |
| 4.6.1  | General .....   | 7           |
| 4.6.2  | Level of protection (according to EN 60529) .....         | 7           |
| 4.6.3  | Movable machines .....                                    | 7           |
| 4.7  | Filters .....   | 7           |
| 5  | Verification of safety requirements and/or measures ..... | 8           |
| 6  | Information for use .....                                 | 8           |
| 6.1  | Instruction handbook .....                                | 8           |
| 6.2  | Marking .....   | 8           |
| Annex A (normative) List of hazards .....  |   | 11          |
| Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC .....   |   | 16          |
| Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC ..... |   | 17          |