

DIN EN 474-13:2023-02 (E)

Earth-moving machinery - Safety - Part 13: Requirements for rollers

Contents		Page
European foreword		3
Introduction		5
1 Scope		6
2 Normative references		6
3 Terms and definitions		7
4 Safety requirements and/or protective/risk reduction measures		8
4.1 General		8
4.2 Operator's station		9
4.3 Operator's controls and indicators		9
4.4 Brake systems for travelling		10
4.5 Visibility		10
4.6 Noise		10
4.7 Protective measures and devices		10
4.8 Fuel tanks, DEF/urea tanks, hydraulic tanks and pressure vessels		12
4.9 Maintenance		12
5 Verification of safety requirements and/or protective/risk reduction measures		12
6 Information for use		13
6.1 General		13
6.2 Machine safety labels		13
6.3 Operator's manual		14
Annex A (informative) List of significant hazards		16
Annex B (normative) Remote controls for pedestrian-controlled rollers		21
Annex C (normative) Measurement of the hand-arm vibration of hand-guided vibratory rollers		22
Annex D (normative) Noise test code for vibratory rollers		30
Annex E (normative) Noise test code for non-vibrating rollers		40
Annex F (informative) Illustrations		47
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC machinery, and amending Directive 95/16/EC (recast) [2006 L157] aimed to be covered		50
Bibliography		55