

ISO 20500-4:2026-02 (E)

Mobile road construction machinery - Safety - Part 4: Specific requirements for compaction machines

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Safety requirements and/or protective/risk reduction measures	2
4.1	General	2
4.1.1	Context	2
4.1.2	Specific relation to ISO 20500-1	2
4.2	Visibility	3
4.3	Remote control	3
4.4	Starting	3
4.5	Stopping	3
4.5.1	General	3
4.5.2	Stopping device	3
4.6	Operation and handling	3
4.7	Operator's places	4
4.8	Protection	4
4.9	Safety and reliability of control systems	4
4.10	Electrical and electronic systems	4
4.10.1	Degree of protection	4
4.10.2	Batteries	4
4.11	Noise	4
4.11.1	Noise measurement of vibratory plates and vibratory rammers	4
4.12	Vibration	5
4.12.1	Vibration measurement of hand-guided machines	5
5	Verification of the safety requirements and/or protective/risk reduction measures	5
6	Information for use -- Operator's manual	6
Annex A (normative)	Noise test code for vibratory plates and vibratory rammers	7
Annex B (normative)	Measurement of the hand-arm vibration of hand-guided vibratory ground compaction machines	19
Annex C (normative)	Noise test code for vibratory plates exceeding a working width of 1 m	25
Annex D (informative)	List of significant hazards	33
Bibliography		36