

DIN EN 500-1:1996-03 (E)

Safety of mobile road construction machinery - Common requirements

Contents

Page	Page
Foreword	2
0 Introduction	3
1 Scope	3
2 Normative references	4
3 Definitions	5
3.1 Mobile road construction machinery	5
3.2 Operating mass	5
4 List of hazards	5
5 Safety requirements	6
5.1 Lighting	7
5.2 Design of the machine in relation to its operation and handling	7
5.2.1 Attachments for lifting and loading	7
5.2.2 Attachments for the tie down of the machine ..	7
5.2.3 Towing	8
5.2.4 Pedestrian controlled machinery	8
5.2.5 Steering system	8
5.2.6 Brake chock	8
5.2.7 Cabs	8
5.2.8 Storage facilities	8
5.3 Operator's station	8
5.3.1 General	8
5.3.2 Operator's station with cab	9
5.4 Operator's seat	9
5.5 Controls	9
5.6 Starting	10
5.7 Stopping	11
5.8 Danger of falling off, access to operator's station and to service points	11
5.9 Precautions against hazards caused by moving parts	11
5.10 Precautions against hazards caused by non-electric energy sources	12
5.11 Fire protection	12
5.12 Hazards due to extreme temperatures	12
5.13 Signal devices and warning signs	12
6 Instruction handbook	13
7 Marking	13
8 Verification of safety requirements/measures ..	14
Annex A (normative) List of mobile road construction machinery	15
Annex B (normative) Operator's seat dimension ...	16
Annex C (normative) Handle starting equipment ...	18
Annex D (normative) Safety distances for openings for the lower limbs	23