

DIN EN ISO 5395-3:2018-09 (E)

Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013 + Amd 1:2017, Corrected Version 2017-03 + Amd 2:2017)

Contents	Page
European foreword.....	4
☐ _{A1} European foreword to Amendment A1	5
☐ _{A2} European foreword to Amendment A2	6
Annex ZA (informative) ☐ _{A2} Relationship between this European standard and the Essential Requirements of EU Directive 2006/42/EC amended by Directive 2009/127/EC aimed to be covered	7
Introduction	8
1 Scope	9
2 Normative references	9
3 Terms and definitions	10
4 Requirements for ride-on lawnmowers	10
4.1 General.....	10
4.2 Controls.....	10
4.3 Operator Presence Control (OPC)	14
4.4 Brakes.....	14
4.5 Guards	17
4.6 Stability.....	20
4.7 Rollover protective structure (ROPS).....	21
4.8 Seat belts	21
4.9 Seats and foot rests.....	21
4.10 Transport position of the cutting-means assembly.....	22
4.11 Separate fan for grass collection	23
4.12 Hot surfaces.....	23
4.13 Exhaust fumes	23
4.14 Pressurized hoses of hydraulic systems.....	24
4.15 Liquid spillage	24
4.16 Electrical system.....	24
4.17 Electromagnetic immunity	25
4.18 Noise	25
4.19 Vibration	26
5 Particular requirements for ride-on rotary lawnmowers	26
5.1 Cutting means.....	26
5.2 Impact of the cutting means	28
5.3 Cutting-means enclosure.....	28
5.4 Structural integrity.....	32
5.5 Thrown objects	32
5.6 Grass catchers.....	33
6 Particular requirements for ride-on cylinder lawnmowers	33
6.1 Cutting-means enclosure.....	33
6.2 Throw line.....	36
6.3 Stopping time of the cutting means	36

7	Information for use	36
7.1	Instruction handbook	36
7.2	Markings and warnings	39
	Annex A (normative) Ride-on lawnmower stability test.....	42
	Annex B (normative) Determination of contact with moving power-driven components	45
	Annex C (informative) List of significant hazards.....	50
	Bibliography	52