

# ISO 5395-3:2013-08 (E)

## Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	Requirements for ride-on lawnmowers .....	2
4.1	General .....	2
4.2	Controls .....	2
4.3	Operator presence control (OPC) .....	6
4.4	Brakes .....	6
4.5	Guards .....	9
4.6	Stability .....	11
4.7	Rollover protective structure (ROPS) .....	12
4.8	Seat belts .....	12
4.9	Seats and foot rests .....	13
4.10	Transport position of the cutting-means assembly .....	14
4.11	Separate fan for grass collection .....	14
4.12	Hot surfaces .....	15
4.13	Exhaust fumes .....	15
4.14	Pressurized components of hydraulic systems .....	15
4.15	Liquid spillage .....	15
4.16	Electrical system .....	16
4.17	Electromagnetic immunity .....	16
4.18	Noise .....	17
4.19	Vibration .....	17
5	Particular requirements for ride-on rotary lawnmowers .....	18
5.1	Cutting means .....	18
5.2	Impact of the cutting means .....	19
5.3	Cutting-means enclosure .....	19
5.4	Structural integrity .....	23
5.5	Thrown objects .....	23
5.6	Grass catchers .....	24
6	Particular requirements for ride-on cylinder lawnmowers .....	24
6.1	Cutting-means enclosure .....	24
6.2	Throw line .....	27
6.3	Stopping time of the cutting means .....	27
7	Information for use .....	27
7.1	Instruction handbook .....	27
7.2	Markings and warnings .....	30
Annex A (normative)	Ride-on lawnmower stability test .....	33
Annex B (normative)	Determination of contact with moving power-driven components .....	36
Annex C (informative)	List of significant hazards .....	40
Bibliography .....		42