ISO 5395-3:2013-08 (E)

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

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 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)Listofsignificanthazards 40

Bibliography 42