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Power lawn-mowers, lawn tractors, lawn and garden tractors, professional mowers, and lawn and garden tractors with mowing attachments — Definitions, safety requirements and test procedures

AMENDMENT 1

Tondeuses à gazon à moteur, tracteurs de pelouse, tracteurs de jardin et de pelouse, tondeuses à usage professionnel, tracteurs de jardin et de pelouse avec équipements de tonte adaptables — Définitions, prescriptions de sécurité et modes opératoires d'essai

AMENDEMENT 1



Reference number
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Foreword

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Amendment 1 to International Standard ISO 5395 : 1990 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Sub-Committee SC 13, *Powered lawn and garden equipment*.

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Power lawn-mowers, lawn tractors, lawn and garden tractors, professional mowers, and lawn and garden tractors with mowing attachments — Definitions, safety requirements and test procedures

AMENDMENT 1

Page 3, subclause 1.3.21

Amend the definition to read:

1.3.21 lawn edge trimmer: Grass-cutting machine for trimming lawn edges where the cutting means operates in a plane approximately perpendicular to the ground.

Page 3, subclause 1.3.22

Amend the definition to read:

1.3.22 lawn trimmer: Grass-cutting machine where the cutting means operates in a plane approximately parallel to the ground.

Page 6, subclause 2.2.9.1

Beneath the existing text, add:

The engine speed control system shall not allow the maximum speed, as stated in 1.3.23, to be exceeded except by the use of tools or the choke.

Page 13, subclause 3.3.2.1.1

Add the following second paragraph:

The machine shall be fixed in such a manner that the specified position relative to the injection point is maintained throughout the test. The fixing medium shall not obstruct free passage of balls from under the machine.

Page 17, subclause 3.3.2.1.3

At the beginning of the final paragraph, add the following sentence:

The ball injection mechanism shall ensure consistent free rise heights within a range of 100 mm.

In the same paragraph, after the sentence ending "... the mower blade.", insert the following sentence:

This procedure is intended to ensure that the ball rise height is as low as possible and yet ensure regular blade impact with ball.

Page 40, subclause D.3.2

Delete the existing subclause and insert the following (the changes are underlined):

D.3.2 Cutting width greater than 600 mm

For each test (500 projectiles), not more than 54 projectiles shall hit the target between the base and 450 mm line (lower and middle elevation area) of which not more than six may hit the target above the 300 mm line (middle elevation area). There shall be no hits above the 450 mm line (top elevation area). Additionally, for pedestrian-controlled machines, there shall not be more than three hits in the operator target area between the base and the 450 mm line.

Therefore also delete footnote 4) at the bottom of page 40.

After subclause D.3.2, add the following new clause:

D.3.3 Blade enclosure failure

If the test causes a failure of the blade enclosure which would allow a ball to pass freely through the enclosure, the mower has failed the test.

Change the existing D.3.3 to D.3.4.