
Specification for
Powered lawnmowers

This British Standard, having been approved by the Agricultural Machinery and Implements Industry Standards Committee, was published under the authority of the Executive Board on 19 April, 1974.

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The following BSI references relate to the work on this standard:
Committee reference AGE/20. Draft for comment 72/44635 DC

Co-operating organizations

The Agricultural Machinery and Implements Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- | | |
|---|---|
| *Agricultural Engineers' Association | *Ministry of Agriculture, Fisheries and Food |
| *British Agricultural and Garden Machinery Association Ltd. | *National Farmers' Union |
| *British Lawn Mower Manufacturers' Federation | *National Institute of Agricultural Engineering |
| Department of Trade and Industry (Mechanical Engineering) | Royal Welsh Agricultural Society |
| Institution of Agricultural Engineers Incorporated | |

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- | | |
|---|--|
| Consumer Standards Advisory Committee of BSI | National Garden Contractors (section of the National |
| Consumers' Association | Association of Agricultural Contractors) |
| Home Office | Royal Horticultural Society |
| Institute of Park and Recreation Administration | Trades Union Congress |
| | Women's Advisory Council on Solid Fuel |



Amendment Slip No.1, published 27 March 1975
to BS 5107 : 1974

Powered lawnmowers

Corrections

AMD 1679
March 1975

Fig. 4. Equipment for impact test (power rotary mowers)

Section of detail Z

Delete 'pipe' and substitute 'peg'.

Add the following footnote:

'NOTE. Any suitable rigid fixing of the peg shown in detail Z may be used. Care must be taken to see that the strength of the fixing is adequate to prevent the peg and flange being torn loose from the baseplate. For use with most normal domestic mowers, a fixing consisting of 4 hexagon headed screws M8 x 20 to BS 3692, Grade 8.8, has been found to be suitable.'

AMD 1679
March 1975

Inside back cover

Under 'BSI publications referred to in this standard' insert:

'BS 3692 ISO metric precision hexagon bolts, screws and nuts'.



Amendment Slip No.2, published 31 March 1977
to BS 5107 : 1974

Powered lawnmowers

Revised text

AMD 2244
March 1977

Clause 4.1.2 Mower handles

Delete the existing text and substitute the following:

‘The mower handles on all rotary mowers shall be fastened to the mower so as to prevent loss of control by unintentional uncoupling whilst in operation. Self-propelled lawn mowers and others with a control to set the power unit in motion shall be provided with a positive means that shall not be subject to unintentional disengagement during normal operation of the mower, and shall not allow the end of the handle adjacent to the operator to come lower than 600 mm above the horizontal plane, unless manually disengaged.’

7703



Amendment Slip No.3, published 31 October 1977
to BS 5107 : 1974

Powered lawnmowers

Revised text

AMD 2361
October 1977

Clause 1. Scope

In line 1 delete 'the' before 'safety'.

After the second paragraph insert the following new sentence:

'Compliance with the requirements of this standard cannot be taken as a guarantee of the complete safety of the machine under all conditions of use.'

Insert the following new note 4:

'NOTE 4. Attention is drawn to possible dangers to persons carrying out the tests specified in this standard, and to the necessity for suitable safety precautions being taken during testing.'

AMD 2361
October 1977

Clause 3.5 Blade rotation warning

Delete the second sentence up to and including 'following words' and substitute the following:

'The warning shall consist of the following words and shall be applied to the mower in a permanent fashion:'.

AMD 2361
October 1977

Clause 4.4 Extended handles

In line 3 of item (1) delete 'to the nearest point of' and substitute 'horizontally behind'.

AMD 2361
October 1977

Clause 6.2 Blade rotation warning

Delete the second sentence up to and including 'following words' and substitute the following:

'The warning shall consist of the following words and shall be applied to the mower in a permanent fashion:'.

AMD 2361
October 1977

Clause A.3 Enclosure strength test

In the penultimate line delete 'pierce' and substitute 'penetrate through'.

Insert the following new sentence at the end of the clause:

'In those cases where the cubes and stones are not ejected from the blade area, continue the test for 15 s.'

AMD 2361
October 1977

Clause A.4 Foot protection test
In line 2 delete '3.2.2,' and substitute '3.2.1'.

AMD 2361
October 1977

Appendix C. Safety instructions
In C.15 delete 'gravel drives, walks or roads' and substitute
'surfaces other than grass'.
