

INTERNATIONAL
STANDARD

ISO
8210

First edition
1989-10-15

**Equipment for harvesting — Combine harvesters —
Test procedure**

Matériel de récolte — Moissonneuses-batteuses — Méthode d'essai



Reference number
ISO 8210 : 1989 (E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8210 was prepared by Technical Committee **ISO/TC 23**, *Tractors and machinery for agriculture and forestry*.

Annex A forms an integral part of this International Standard.

© ISO 1989

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization

Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Equipment for harvesting — Combine harvesters — Test procedure

1 Scope

This International Standard specifies a test procedure for combine harvesters; it applies to all types of combine harvesters.

The test procedure specified in this International Standard deals with the measurement and testing of combine harvesters, either of self-propelled or trailed type, either directly cutting the crop or picking it up from a wind-row, for use in several crops. It indicates terminology and methods to be used for measuring important characteristics of combines. It includes both functional and capacity tests, i.e. those conducted over an extended period when ease of operation, ease of adjustment, rate of work and general operating characteristics may be assessed, and those carried out on specific occasions for the determination of grain loss and capacity characteristics.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 500 : 1979, *Agricultural tractors — Power take-off and drawbar — Specification.*

ISO 789-3 : 1982, *Agricultural tractors — Test procedures — Part 3 : Turning and clearance diameters.*

ISO 789-6 : 1982, *Agricultural tractors — Test procedures — Part 6 : Centre of gravity.*

ISO 3600 : 1981, *Tractors and machinery for agriculture and forestry — Operator manuals and technical publications — Presentation.*

ISO 3767-1 : 1982, *Tractors and machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 1 : Common symbols.*

ISO 3767-2 : 1982, *Tractors and machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 2 : Symbols for agricultural tractors and machinery.*

ISO 3789-1 : 1982, *Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Location and method of operation of operator controls — Part 1 : Common controls.*

ISO 3789-2 : 1982, *Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Location and method of operation of operator controls — Part 2 : Controls for agricultural tractors and machinery.*

ISO 3965 : 1977, *Agricultural wheeled tractors — Determination of maximum travel speed.*

ISO 4254-1 : 1989, *Tractors and machinery for agriculture and forestry — Technical means for ensuring safety — Part 1 : General.*

ISO/TR 5007 : 1980, *Agricultural wheeled tractors — Operator seat — Measurement of transmitted vibration.*

ISO 5131 : 1982, *Acoustics — Tractors and machinery for agriculture and forestry — Measurement of noise at the operator's position — Survey method.*

ISO 5687 : 1981, *Equipment for harvesting — Combine harvester — Determination and designation of grain tank capacity and unloading device performance.*

ISO 5687 : 1982, *Agricultural and forestry tractors and machinery — Determination of braking performance.*

ISO 5702 : 1983, *Equipment for harvesting — Combine harvester component parts — Equivalent terms.*

ISO 6085 : - ¹⁾, *Agricultural machinery — Self-propelled combine harvesters — Operator's workplace and ergonomics.*

ISO 6689 : 1981, *Equipment for harvesting — Combines and functional components — Definitions, characteristics and performance.*

3 Definitions

For the purposes of this International Standard, the terms and definitions given in ISO 5702 and ISO 6689 and the following definitions apply.

3.1 test machine : Subject combine to be tested.

¹⁾ To be published.