

Performance assessment of agricultural tractors —

Part 10: Method for determination of hydraulic power at tractor/implement interface

ICS 65.060.10

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee AGE/32, Agricultural implements and trailers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to iv, pages 1 to 7 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Agricultural tractors — Test procedures —
Part 10:
Hydraulic power at tractor/implement interface

Tracteurs agricoles — Méthodes d'essai —

Partie 10: Puissance hydraulique disponible à la liaison tracteur/instrument



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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 voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 789-10 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 2, *Common tests*.

ISO 789 consists of the following parts, under the general title *Agricultural tractors — Test procedures*:

- *Part 1: Power tests for power take-off;*
- *Part 2: Rear three-point linkage lifting capacity;*
- *Part 3: Turning and clearance diameters;*
- *Part 4: Measurement of exhaust smoke;*
- *Part 5: Partial power PTO – Non-mechanically transmitted power;*
- *Part 6: Centre of gravity;*
- *Part 7: Axle power determination;*
- *Part 8: Engine air cleaner;*
- *Part 9: Power tests for drawbar;*
- *Part 10: Hydraulic power at tractor/implement interface;*
- *Part 11: Steering capability of wheeled tractors;*
- *Part 12: Low temperature starting.*

Annex A forms an integral part of this part of ISO 789.

Descriptors: Agricultural machinery, agricultural tractors, hydraulic fluid power, interfaces, tests.