
INTERNATIONAL STANDARD



4253

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Agricultural tractors — Operator's seating accommodation — Dimensions

Tracteurs agricoles — Poste de conduite pour conducteur assis — Dimensions

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Descriptors : agricultural machinery, tractors, ground-vehicle seats, work-place layout, dimensions, human factors engineering.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

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.

International Standard ISO 4253 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in November 1975.

It has been approved by the member bodies of the following countries:

Australia	Hungary	South Africa, Rep. of
Brazil	India	Sweden
Bulgaria	Iran	Switzerland
Canada	Korea, Rep. of	Turkey
Chile	Mexico	United Kingdom
Czechoslovakia	New Zealand	U.S.A.
Denmark	Poland	Yugoslavia
France	Portugal	
Germany	Romania	

The member bodies of the following countries expressed disapproval of the document on technical grounds:

Austria	Italy
Belgium	Spain
Finland	

Agricultural tractors – Operator's seating accommodation – Dimensions

0 INTRODUCTION

The aim of this International Standard is to assist the future design of operator's seating accommodation on agricultural tractors.

1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down dimensions for the operator's seat and seating accommodation on agricultural tractors with a track width above 1 200 mm.

2 REFERENCES

ISO 3462, *Agricultural tractors and machinery – Seat reference point.*¹⁾

ISO 3789, *Agricultural tractors and machines – Operator's controls – Location and method of operation.*

3 DEFINITIONS

3.1 length of seat : The horizontal distance parallel to the longitudinal plane of the vehicle, measured from the front edge of seat cushion (offset 150 mm from longitudinal

centre line) to the transverse plane containing the seat reference point.

NOTE – The standard location for taking this dimension is displaced 150 mm either side of the longitudinal centre line.

3.2 width of seat cushion : The width measured at a horizontal distance of 150 mm forward of the seat reference point at a height of 80 mm maximum above the seat reference point.

NOTE – The measurements refer to the seat adjusted to its mid position vertically and horizontally, the suspension deflected to its mid position.

4 ADJUSTMENT OF PEDALS AND STEERING WHEEL

The pedals shall be in a position where all free play is removed.

The steering wheel shall be adjusted to its mid position.

5 POSITIONING OF PEDALS

The pedals shall be placed in the following order from the left-hand side to the right-hand side : clutch (operated by left foot), brake(s) (operated by right foot). The accelerator pedal, if installed, should normally be operated by the right foot.

1) At present at the stage of draft.