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# International Standard



# 4004

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

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## Agricultural tractors and machinery — Track widths

*Tracteurs et matériels agricoles — Largeurs de voie*

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Descriptors : agricultural machinery, tractors, track widths.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (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 authorized 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 4004 was developed by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, and was circulated to the member bodies in March 1982.

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

Australia	Germany, F. R.	Romania
Belgium	Iran	South Africa, Rep. of
Brazil	Iraq	Spain
China	Italy	Sweden
Czechoslovakia	Korea, Dem. P. Rep. of	Switzerland
Denmark	Korea, Rep. of	Turkey
Egypt, Arab Rep. of	Mexico	United Kingdom
Finland	New Zealand	USA
France	Portugal	USSR

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

Canada  
India  
Poland

This International Standard cancels and replaces ISO Technical Report ISO/TR 4004-1975.

# Agricultural machinery — Track widths

## 1 Scope and field of application

This International Standard lays down track widths for agricultural tractors and machinery, as a guideline for the manufacturers of these products.

It applies to the principal driven axle(s) of agricultural tractors and to machinery, including self-propelled machinery, used in fields for row-crops. It does not apply to tractors of special types, to walking-tractors to single-axle motor-driven machines, to two-wheeled propulsion units, or to agricultural machinery of special types.

## 2 References

ISO 789/1, *Agricultural tractors — Test procedures — Part 1 : Power tests.*

## 3 Definitions of track

The following definitions are taken from ISO 789/1.

**3.1 track (tread) of wheeled tractor :** The distance at ground level between the median planes of the wheels on the

same axle, with the tractor stationary and with the wheels in position for travelling in a straight line. The track may be thus defined for both front and rear wheels. When there are twin wheels, the track is the distance between two planes each being the median plane of the pairs of wheels.

**3.2 track of tracklaying tractors :** The distance between the median planes of the tracks.

NOTE — The median plane of the wheel or track assembly is equidistant from the two planes containing the peripheries of the rims or the track plates respectively at their outer edge.

## 4 Track widths

The preferred track widths are the following :

1 500 ± 25 mm

1 800 ± 25 mm

2 000 ± 25 mm

NOTE — It is not envisaged that the tracks of all machines will be capable of being set to all three widths.