

International Standard



5051

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

Continuous mechanical handling equipment — Deep elevator bucket with flat rear wall — Main dimensions

Engins de manutention continue — Godets d'élévateurs profonds avec paroi arrière plane — Dimensions principales

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Descriptors : handling equipment, continuous handling, elevators (lifts), dimensions.

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 5051 was developed by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*, and was circulated to the member bodies in May 1980.

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

Australia	Denmark	Norway
Austria	Finland	Poland
Belgium	France	Romania
Brazil	Germany, F. R.	Spain
Chile	Ireland	Sweden
Czechoslovakia	Netherlands	United Kingdom

The member body of the following country expressed disapproval of the document on technical grounds :

USSR

This International Standard is based on the work carried out by "Section II-Continuous handling" of the European Mechanical Handling Confederation (FEM).

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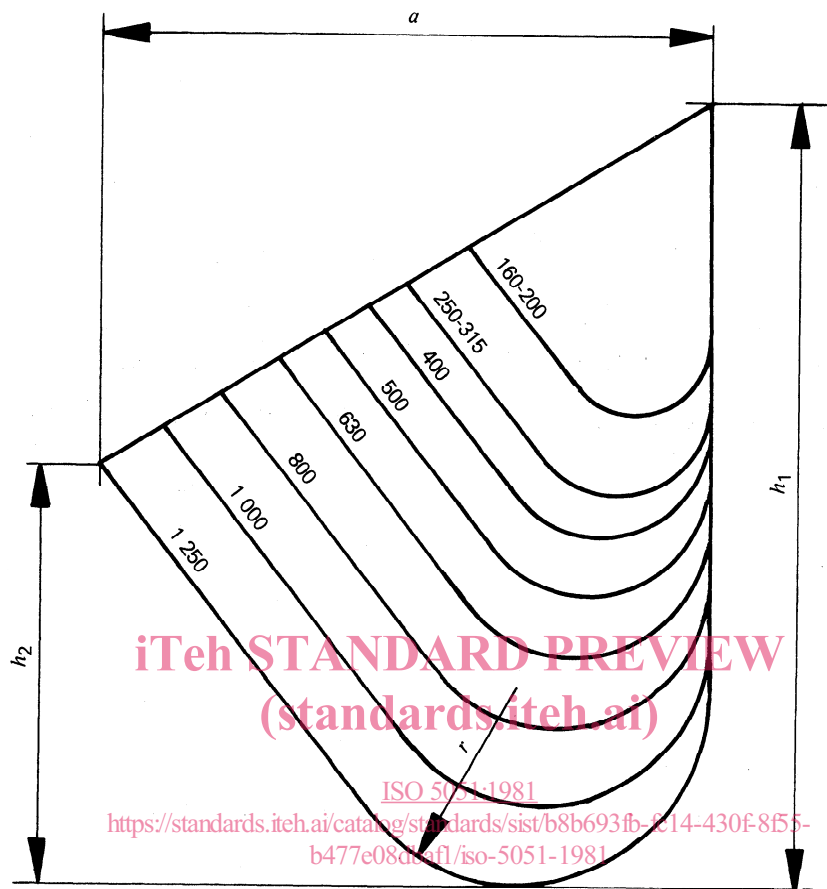
1 Scope and field of application

This International Standard specifies the main dimensions of deep elevators buckets with flat rear wall.

2 Reference

ISO 2148, *Continuous mechanical handling equipment — Nomenclature*.

3 Main dimensions



Dimensions in millimetres

Projection	a	160		200		224	250	280	315	355	400
Bucket width	b	160	200	250	315	400	500	630	800	1 000	1 250
Total height	h_1	200		250		280	315	355	400	450	500
Heigth	h_2	106		132		150	170	190	212	236	265
Radius	r	50		63		71	80	90	100	112	125
Bucket nominal capacity ¹⁾	V	1,9	2,4	4,7	6,0	9,5	15,0	23,6	37,5	58	92

1) V = water contents, expressed in litres, with rear wall in the vertical position.