
International Standard



4232 / 1

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

Duplicators — Minimum information to be included in specification sheets

Duplicateurs — Informations minimales à inclure dans les fiches techniques

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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 4232/1 (formerly ISO/DIS 6057) was developed by Technical Committee ISO/TC 95, *Office machines*, and was circulated to the member bodies in June 1978.

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

Australia	Japan	Switzerland
Canada	Korea, Rep. of	Turkey
Chile	Mexico	United Kingdom
Czechoslovakia	Philippines	USA
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No member body expressed disapproval of the document.

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0 INTRODUCTION

Duplicators of many different kinds are now available and their specifications vary so widely that it is often difficult for potential users to assess which machine(s) might best meet their requirements.

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the minimum information that shall be included in the specification sheets of duplicators so that users may compare directly the characteristics of different machines.

2 REFERENCE

ISO 3066, *Duplicating machines — Registration*.

3 ARRANGEMENT OF THE INFORMATION

In order to comply with this International Standard, specification sheets shall contain, in the order shown, all items listed in clause 4 below which are relevant to the machine

being described. Additional points may be included under items 1 to 8 if appropriate.

This information shall be given before any other data, and it is important that the numbers and headings for the main sections (for example 2 PERFORMANCE DATA) should be shown, although numbers identifying sub-sections such as 2.1 and 2.2 may be omitted.

Where grammage (g/m^2) data are given, it is assumed that the paper has been conditioned in the standard atmosphere defined in ISO 3066, i.e. at a temperature and relative humidity of $20 \pm 2^\circ\text{C}$ and $65 \pm 5\%$ respectively.

A note shall be included near the heading of the specification sheet to indicate that it has been drawn up in accordance with this International Standard.

4 INFORMATION TO BE INCLUDED IN SPECIFICATION SHEETS

The following items comprise the minimum information that shall be included in the specification sheets of duplicators :

TABLE – Minimum information to be included in specification sheets

Numerical sequence	Required information	Indication or value
1	GENERAL DATA	
1.1	Machine name and model	.....
1.2	Type (state if fixed console, mobile console, table-top, etc.)	.....
1.3	Process(es) employed (state if offset, stencil, spirit or other fluid, etc.)	.....
1.4	Means of operation (state if manual or electric)	.....
2	PERFORMANCE DATA	
2.1	Speed maximum minimum (if applicable)	..... copies per min. copies per min.
2.2	Registration classification according to ISO 3066	.....
3	REQUIREMENTS AND CHARACTERISTICS OF THE MACHINE	
3.1	Maximum print area	..... mm × mm
3.2	Size of master maximum minimum	..... mm × mm mm × mm
3.3	Type of master fixing (state if unpunched or perforated)	.....
3.4	Method of master change (state if manual, semi-automatic or fully automatic)	.....
3.5	Copy paper : size minimum maximum	..... mm × mm mm × mm
3.5	grammage minimum maximum	..... g/m ² g/m ²
3.6	Paper feeder (state if manual, automatic friction, or automatic suction)	.....
3.7	Type(s) of copy counter fitted (state if total and/or preselecting)	.....
3.8	Nominal tray capacities (data being based on paper of 80 g/m ² where possible) :	
	paper stack	..... sheets at g/m ²
	delivery tray	..... sheets at g/m ²
	master tray (state type of master)	..... sheets of
4	MACHINE DIMENSIONS AND MASS (WEIGHT) without consumable supplies and optional equipment :	
4.1	Length	..... mm
4.2	Width	..... mm
4.3	Height	..... mm
4.4	Mass (weight)	..... kg

TABLE – Minimum information to be included in specification sheets (concluded)

Numerical sequence	Required information	Indication or value
5	INSTALLATION REQUIREMENTS (including those for air circulation, minimum floor space required for normal operation, and for loading) Give details with dimensions or other quantitative data as applicable	..... .....
6 6.1 6.2 6.3 6.4 6.5 6.6	ELECTRICAL DATA Rated voltage(s) Rated frequency Rated input for normal operation Fuse rating at connection point Connection to supply (state if plugged or permanent) Classification according to protection against electric shock (state if Protection Class 1 (earth conductor required), or Protection Class 2 (no earth conductor required))	..... V Hz W V/ A
7 7.1 7.2 7.3	MACHINE CONFORMS TO THE FOLLOWING NATIONAL AND INTERNATIONAL STANDARDS AND REGULATIONS Electrical safety Mechanical safety Other	..... ..... .....
8 8.1 8.2	NOISE EMISSION (state method of measurement or standard used) During standby During normal operation dB dB

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INTERNATIONAL STANDARD ISO 4232/1-1979 (E)/ERRATUM

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ERRATUM

Cover page and page 1

Replace the existing title by the following :

“Office machines – Minimum information to be included in specification sheets – Part 1 : Duplicators”

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