

# INTERNATIONAL STANDARD

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## **Information technology – Office equipment – Minimum information to be included in specification sheets – Copying machines**

*Technologies de l'information – Équipements de bureau – Information minimale  
devant figurer dans les notices techniques – Machines à reproduire*



Reference number  
ISO/IEC 11159:1992 (E)



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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for world-wide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 11159 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

Annex A of this International Standard is for information only.

Introduction

Copying machines of many different types and capacities are now available and their specifications vary so widely that it is difficult for potential users to assess which machine might best meet their requirements.

# Information technology – Office equipment – Minimum information to be included in specification sheets – Copying machines

## 1 Scope

This International Standard is intended to facilitate the users in selecting a copying machine which meets their requirements.

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

This International Standard applies to copying machines that could be operated in an office environment. Copying machines requiring specially equipped rooms or specially instructed operators are not considered in this International Standard.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3066:1986, *Duplicating machines - Registration*

ISO 7779:1988, *Acoustics - Measurement of airborne noise emitted by computer and business equipment*

ISO 9295:1988, *Acoustics - Measurement of high-frequency noise emitted by computer and business equipment*

ISO 9296:1988, *Acoustics - Declared noise emission values of computer and business equipment*

IEC 950:1986, *Safety of information technology equipment including electrical business equipment*

## 3 Conformance

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

## 4 Information to be included in the specification sheets

The following table defines, for each parameter, the number and name of the parameter and a short description of the entry. These constitute the information to be included in the specification sheet.

The heading of the specification sheet shall indicate that it has been prepared in accordance with this International Standard. The numbers and headings of the table in clause 4 shall be used. Not applicable parameters may be ignored, without changing the number of other parameters.

The "Remarks and examples" column is provided for the persons who prepare the information sheet, and it is not intended to appear in the specification sheet.

Whenever a capacity is given in sheets, the reference paper weight shall be specified.

| Parameter                                          | Description of the entry     | Remarks and examples                                                                                                                                                      |
|----------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 General data</b>                              |                              |                                                                                                                                                                           |
| <b>1.1 Machine name, model and/or model number</b> | Product name, model number.  |                                                                                                                                                                           |
| <b>1.2 Type</b>                                    |                              | State if the machine is console, desk-top, portable.                                                                                                                      |
| <b>1.3 Type of platen</b>                          | Moving or stationary.        | If moving, state the maximum permissible weight on the platen.<br>If no platen is provided, and the original is to be fed into the machine, indicate "feed-through type". |
| <b>2 Copying method</b>                            |                              |                                                                                                                                                                           |
| <b>2.1 Imaging method</b>                          | Digital, analogue or hybrid. | State if imaging method is analogue or digital or possibly a hybrid involving characteristics of both analogue and digital.                                               |
| <b>2.2 Copying process</b>                         |                              | Electrostatic process, electrophotographic process, direct or indirect method, ink-jet, thermal transfer.                                                                 |
| <b>2.3 Developing process</b>                      |                              | Wet process, dry process, type of developer (mono or dual components).                                                                                                    |
| <b>2.4 Fusing or fixing system</b>                 |                              | Heat roller fusing, flash fusing, heat and pressure fusing.<br>Not applicable in the case of wet developing process.                                                      |
| <b>2.5 Type of photoreceptor</b>                   |                              | Selenium, organic material.<br>Applicable only for indirect electrostatic process.                                                                                        |
| <b>3 Colour copying</b>                            |                              |                                                                                                                                                                           |
| <b>3.1 Monochrome</b>                              | Available / not available.   | Specify black or alternate single colours.                                                                                                                                |