

ANSI®
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Revision of
ANSI B65.4-1994

AMERICAN NATIONAL STANDARD

Safety standard —
Three-knife trimmers, including rotary, and
single- and multiple-knife trimmers

SECRETARIAT
NPES THE ASSOCIATION FOR SUPPLIERS OF PRINTING, PUBLISHING
AND CONVERTING TECHNOLOGIES

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B65



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Foreword

(This Foreword is not a part of American National Standard B65.4, *Safety standard — Three-knife trimmers, including rotary, and single- and multiple-knife trimmers*)

This is a revision of B65.4-1994, *Safety Standard for stand-alone bindery trimmers*. It incorporates significant changes that were made in an attempt to harmonize this ANSI standard with current European and ISO standards. Such harmonization is important to facilitate international trade while adhering to U.S. safety regulations.

The B65 Committee was accredited by the American National Standards Institute in 1983 to develop safety standards for the printing and publishing industry.

The B65 Committee recommends the voluntary adoption and use of this standard by the printing industry and its suppliers. It is hoped that individual companies will not only use it in the purchase of new equipment, but will also apply the requirements of this standard during any major change or alteration of existing equipment.

It is recommended that this standard, or applicable parts of it, be referenced in purchase orders for equipment, when appropriate, thus making its provisions a part of the purchase contract.

It is also recommended that this standard be a part of the total safety program in the workplace. Application of this standard will promote safety, and management at all levels is urged to recommend its implementation.

Requests for interpretation must be sent in writing to the B65 Secretariat. This request will be forwarded to the appropriate committee, which will review the request in accordance with the B65 Committee Procedures for Interpretations and will provide a written response. A statement, written or oral, that is not processed in accordance with the procedures noted above will not be considered the official position of the B65 Committee, and should not be relied upon as a Formal Interpretation.

Suggestions for improving this standard are welcome. They should be sent to the B65 Secretariat, NPES The Association for Suppliers of Printing, Publishing and Converting Technologies, 1899 Preston White Drive, Reston, Virginia 20191-4367.

This standard was prepared by B65 Subcommittee 3 (Bindery Cutting Machine Safety) and was processed and approved for submittal to ANSI by the members of the B65 Committee. Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

At the time it approved this standard, the B65 Committee had the following personnel:

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This is a preview of "ANSI B65.4-2002". [Click here to purchase the full version from the ANSI store.](#)

Safety standard — Three-knife trimmers, including rotary, and single-and multiple-knife trimmers

1 Scope

This standard specifies operational and mechanical safety specifications for the design and use of stand-alone three-knife trimmers, when they are used as intended and under the conditions foreseen by the manufacturers.

This standard addresses significant mechanical hazards. It does not address other hazards such as shock, explosion, fire, noise/sound levels or exposure to chemicals. This standard does not address all hazards that may exist during maintenance operations. For maintenance operations, OSHA lockout/tagout regulations may apply.

A three-knife trimmer can be coupled in-line with other bindery machinery. When the trimmer is used in an in-line configuration, ANSI B65.2 shall also apply. If a three-knife trimmer is used in an in-line configuration with press machinery, ANSI B65.1 shall also apply.

2 Effective date

The provisions of this standard shall become effective one year from its date of approval by the American National Standards Institute (ANSI).

3 Field of application

This standard applies to equipment that trims product on one or more sides. This standard does not apply to guillotine cutters, which are addressed in ANSI B65.3-2001.

3.1 Newly-manufactured equipment

This standard shall apply to all newly-manufactured three-knife trimmers installed in the United States.

Equipment contracted for sale prior to the approval date of this standard or manufactured prior to the effective date of this standard shall be considered as existing equipment and shall meet the requirement of 3.2, *Existing equipment*.

3.2 Existing equipment

Existing equipment should be brought into compliance with this standard, if feasible. At a minimum, existing equipment shall comply with 3.2.1 and 3.2.2 of this standard, or with safety measures that include equivalent, alternative protection against significant hazards. See Clause 21, *Additional operating safety guidelines*, for additional operating safety guidelines.

3.2.1 All existing equipment shall be updated to include two-hand controls and appropriate warning labels as defined in this standard. In addition, all existing equipment should be updated to include mechanical guarding as defined in this standard.

NOTE 1 Mechanical guarding does not necessarily include the use of interlocks. Interlocking, for a variety of reasons, may not always be feasible. See Annexes A and B.

NOTE 2 Bringing existing equipment into compliance with this standard may require cooperation between the owner/employer and the manufacturer/rebuilder/distributor. Responsibility for upgrading existing equipment has, in some cases, been assigned in various OSHA regulations.