UL 2565

STANDARD FOR SAFETY

Industrial Metalworking and
Woodworking Machine Tools

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UL Standard for Safety for Industrial Metalworking and Woodworking Machine Tools, UL 2565

First Edition, Dated May 1, 2013

SUMMARY OF TOPICS

This reaffirmation of ANSI/UL 2565 dated November 7, 2024 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated September 13, 2024.

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UL 2565

Standard for Industrial Metalworking and Woodworking Machine Tools

Prior to the first edition, the requirements for the products covered by this standard were included in the Outline of Investigation for Manual and Semiautomatic Metal Sawing Machines, UL 2565.

First Edition

May 1, 2013

This ANSI/UL Standard for Safety consists of the First Edition including revisions through November 7, 2024.

TThe most recent designation of ANSI/UL 2565 as a Reaffirmed American National Standard (ANS) occurred on November 7, 2024. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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INTRODUCTION

1 Scope

1.1 This standard covers industrial and commercial metalworking and woodworking machines, either manual or semiautomatic, that cut or change the shape of a work piece and machinery and accessory equipment, used in industrial and commercial applications, having a total connected power of 5 HP (3.7kw) or greater, or having 3-phase wiring.

1.2 This equipment is intended to be installed in accordance with the National Electrical Code, ANSI/NFPA 70 and the Electrical Standard for Industrial Machinery, NFPA 79 and provided with a means for grounding the machine on a branch circuit rated not more than 600 V.

1.3 Machines included in this category are not intended for the handling of hazardous material.

1.4 The use of some equipment involves certain inherent hazards related to the risk of injury that cannot be wholly eliminated by practical design features. These requirements are intended to reduce such hazards to an acceptable level.

1.5 This standard does not cover:

a) Robotics and associated control equipment. This equipment is covered by the Standard for Robots and Robotic Equipment, UL 1740.

b) Automated equipment designed to perform repetitive manufacturing related cutting or sawing tasks, is covered by the Outline of Investigation for Factory Automation Equipment, UL 2011.

c) Cord-connected or permanently-connected stationary and light industrial tools which are covered under Standard for Stationary and Fixed Electric Tools, UL 987.

d) Cord-connected transportable tools which are covered under UL 62841-1 and the applicable Part 3 series of standards.

e) Cord-connected metalworking and woodworking machines used in industrial and commercial applications either having a total connected power of less than 5 HP (3.7 KW) or not having 3-phase wiring.

1.6 Devices covered by this standard are not intended for the handling of hazardous materials in unattended applications.

1.7 In addition to complying with the requirements in this standard, machines covered under the scope shall also comply with:

a) Industrial metalworking machines shall comply with:

1) The applicable requirements in the Standard for Stationary and Fixed Electric Tools, UL 987.

b) Industrial woodworking machines shall comply with:

1) ANSI O1.1 Woodworking Machinery – Safety Requirements series of standards; and

2) The applicable requirements in the Standard for Stationary and Fixed Electric Tools, UL 987.

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