

Amada FBD-2512 FBD-1253

Amada FBD-2512 FBD-1253 Fine Bender Electrical and Hydraulic Circuit Manual

Reference Document for Industrial Machinery

INTRODUCTION

This document serves as a comprehensive reference for the electrical and hydraulic circuits of the Amada Fine Bender models FBD-2512 and FBD-1253. It provides essential diagrams and information for understanding the internal systems of these industrial machines.

The manual was originally published in 1987 and contains 8 printed pages detailing the complex circuitry necessary for the operation and maintenance of the specified bender models.

MANUAL OVERVIEW

The manual is divided into two primary sections: Electrical Circuits and Hydraulic Circuits. Each section provides specific diagrams and information pertinent to the respective system.

ELECTRICAL CIRCUIT HYDRAULIC CIRCUIT

FINE α BENDER
FBD-2512 — FBD-1253

A-182

AMADA USA



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FBD25-125 USA-E03-198711

Figure 1: Cover page of the Amada FBD-2512 FBD-1253 Fine Bender Electrical and Hydraulic Circuit Manual. The cover displays the title "Electrical Circuit Hydraulic Circuit Fine α Bender FBD-2512 - FBD-1253" along with the Amada logo and a reference number A-182.

This section details the electrical schematics and wiring diagrams for the Amada Fine Bender models. It covers the following specific models for electrical circuits:

- FBD-2512
- FBD-5012
- FBD-5020
- FBD-8020
- FBD-8025
- FBD-1025
- FBD-1030
- FBD-1040
- FBD-3512

Understanding these diagrams is crucial for electrical troubleshooting, maintenance, and repair of the bender's control systems and power distribution.

HYDRAULIC CIRCUIT INFORMATION

This section provides comprehensive diagrams and explanations of the hydraulic systems used in the Amada Fine Bender models. It covers the following specific models for hydraulic circuits:

- FBD-2512
- FBD-3512
- FBD-5012
- FBD-5020
- FBD-8020
- FBD-8025
- FBD-1025
- FBD-1030
- FBD-1040
- FBD-1253

These diagrams are essential for diagnosing hydraulic issues, performing routine maintenance, and ensuring the proper functioning of the bender's hydraulic components, such as cylinders, valves, and pumps.

APPLICABLE MODELS

The information contained within this manual is specifically designed for the following Amada Fine Bender models:

- Amada FBD-2512 Fine Bender
- Amada FBD-1253 Fine Bender

While some circuit diagrams may apply to other models as listed in the respective sections, the primary focus and comprehensive coverage are for the FBD-2512 and FBD-1253.

PUBLICATION DETAILS

| Detail | Value |
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SUPPORT AND FURTHER INFORMATION

For additional support regarding Amada machinery or to inquire about other technical documentation, please refer to official Amada resources or authorized service centers. This manual is a historical document providing specific circuit information from its publication year.

For general information about Amada products, you may visit the official Amada website or contact their customer service department.

This document is for informational purposes only and is based on the Amada FBD-2512 FBD-1253 Fine Bender Electrical and Hydraulic Circuit Manual published in 1987.